

Item # 46

Volvo EW180E Wheeled Excavator

### **Vendor Contact Information:**

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Model: Volvo	EW180E	Wheeled	Excavator
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Description	Article
Volvo EW180E GPE Wheel Excavator	EW180E
Mono boom	XW10124
Arm, 8`6" (2.6m)	XW10212
Linkage w/o lifting eye	XW10310
Twin 10.00 16PR Bridgest.	XW20111
Stone protect.rings T/wheels	XW20310
Blade front par, OR rear, bolt	XW20653
Tool box left hand side (including steps)	XW20810
Axles Standard 8'4" (2.55m)	XW20910
Axle locking plate 15mm	XW21010
35 km/h (22 mph) Equipment	XW30712
CareCab w/ opening hatch	XW40110
Seat, air suspension with heater	XW40212
Seat belt, 3 inch retractable	XW40313
Joystick, Proportional	XW40412
Radio MP3&USB&Bluetooth	XW40714
Ashtray and lighter	XW40814
Net radiator and oil cooler	XW41114
Work lights, mono boom	XW50111
Work lights, cab front	XW50113
Travel alarm w/ 10 sec delay	XW50116
Standard lights, LED	XW50126
Additional camera on right hand	XW50128
Elect.Centre Passg.18chan	XW50213
CareTrackSatellite-WECU3.2AT&T	XW50418
CareTrack 3 yr subscription	XW50611
Hydraulic long life oil ISO VG46	XW60116
X1 Piping only	XW60245
Hydraulic proportional pedal	XW60615
X1 flow & pressure control	XW60411
Quick fit piping, SQF	XW60832
Pilot control pattern change	XW60910
Boom float hydraulics	XW60912
Manual, English	XW70322
Manual, safety	XW70344
Counterweight, light 3,600 kg 7,935 lbs	XW80110
Lifetime Frame	XW80342
non bucket w pins, 420&420	XW8297918
Transport protection	XW8280119
41" Pin-on GP (V4) bucket, 1.05 yd, 4 30GPE teeth, weld-on side cutters	XW8293624



# EW180E, EW220E

Volvo Excavators 18.7-20.8 t / 41,230-45,900 lb 173 hp, 20.3-23.4 t / 44,750-51,590 lb 173 hp



# Perform with precision

Efficient and versatile, the EW180E and EW220E offer continuous productivity and all the proven Volvo technology you'd expect from the E-Series wheeled excavator. Get ready to work with the powerful machines, offering precise movements to help you maintain total control and performance.

### Hydraulic performance

Take on any application with the improved load-sensing hydraulic system that allows maximum utilization of available engine power, increasing controllability and responsiveness. When climbing gradients and travelling over unstable ground, rely on the proven travel motor to provide the tractive force you need.



### The right configuration for the job

Carry out a variety of tasks with optional configurations. The machines are offered with a hitch, so you can pull trailers weighing 3 t (6,600 lb), or up to 8 t (17,600 lb) with additional dry run brakes. You can fit the trailer hook onto the outriggers or parallel blade, to optimize machine versatility. And, with a wide range of high quality tires, available in both single and twin, you're ready to tackle all types of ground conditions.



### Comfort at speed

Experience ultimate control and enhanced comfort while traveling at high speeds. The optional Boom Suspension System automatically engages at 5km/h (3.11 mi/h), absorbing shocks to reduce bouncing and bucket spillage. The hydraulic circuit, complete with gas pressure dampeners, softens the vibrations when driving over rough terrain or bumpy roads for smoother travel.



### Do more

Unlock the full potential of your E-Series wheeled excavator with optional auxiliary lines to power your attachments. The breaker/ shear function (X1) uses the main hydraulic system to provide optimum flow when operating attachments requiring one or two-way flow, while the tilt/rotate function (X3) delivers an appropriate two-way flow.





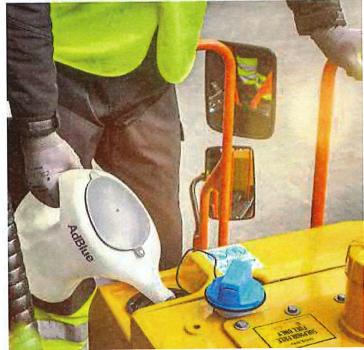
# REACH FURTHER, LIFT MORE

Boost your working ability with the new heavy-duty two-piece boom and arm, designed to stretch further, dig deeper and reach higher. In an industry that's always evolving, with growing business demands, the EW180E and EW220E excavators offer a total reach of over 10 meters (32.8 ft) and increased lifting capacity.









# SUPERIOR SERVICEABILITY

It's easy to keep your machines up and running with simple serviceability. Find greasing points grouped together and filters placed behind wide-opening engine doors, to provide ground-level access to daily service checkpoints. Meanwhile, the pivoting AC condenser is fixed with two flexible latches, improving access to the mesh and radiators for cleaning, increasing component life.

# Maximize your uptime

Optimize machine uptime with the EW180E and EW220E, rigorously tested and proven to withstand the test of time. Equipped with a powerful Volvo engine, the wheeled excavators always deliver an efficient and reliable operation, so you can keep your fuel consumption low and productivity high. Durable by design, the machines offer simple servicing, helping you get back on track – fast.

### On or off road

Whether you require a wheeled excavator for on or off road operations, Volvo flexible design ensures you're always ready for action. The EW220E is available from the factory as either road homologated or off-road version – the off-road design boasting a heavier counterweight.



### Power up, fuel down

Get the bigger jobs done better and faster. Equipped with a powerful Volvo engine, delivering higher torque at lower rpm, the E-Series offers superior performance. To reduce fuel consumption, ECO mode turns on automatically. This is enhanced by auto idle and auto engine shut down, which engage after a pre-set amount of time, also helping to reduce machine wear.



### Strength and durability

The EW180E and EW220E are built with protected components and a strong frame structure, for sustained uptime and increased machine life. The specially designed undercarriage offers high clearance when driving over hard ground, while the robust axles – equipped with automatic or operator controlled front axle oscillation – offer strength in demanding applications.



### Automatic digging brake

Maximize uptime with the optional automatic digging brake, first introduced by Volvo. The service brake and oscillation lock automatically engage when the machine's speed is at zero, so you can get straight to work once you stop.



# Comfortable and convenient

Conveniently designed to make life easier on the jobsite, the E-Series wheeled excavators are equipped with the latest features to increase operator comfort and productivity. Take on the most demanding working environments from the comfort of the spacious Volvo cab, boasting all-around visibility and ergonomically-positioned controls for enhanced controllability.

### **Comfort Drive Control**

New for the Volvo wheeled excavator range, Comfort Drive Control gives the operator the opportunity to control the machine using only the joystick, up to 20km/h (12 mi/h).



### Operator convenience

Take all your tools to the jobsite in just one trip, with the homologation approved trailer hitch. Carrying up to 120kg (265lb), the optional drawer type toolbox has been designed with interchangeable box dividers and stoppers to prevent sliding during operation. Fill your excavator with ease from ground level using the electric fuel filler pump, delivering 50 liters (11 gal) of fuel per minute.



### Safe from the inside out

Stay safe when operating in tough environments in the ROPS certified Volvo cab, and increase visibility using the rear view and side view cameras – which come as standard. In addition, you can select the optional Volvo Smart View to enjoy a bird's-eye-view of the operation in real-time. Find your way easily around the outside of cab, guided by the bright orange handrails.



### Operators choice

Enjoy a comfortable ride in the low-noise Volvo cab. The ergonomically-positioned interface – including the joysticks, keypad and LCD monitor – helps you stay alert and focused. As an option, the EW220E can be ordered from factory without the steering column, to boost further visibility (not homologated for road use).





# ENHANCED CONTROLLABILITY

The E-Series wheel excavators offers an array of functions at your fingertips. You can now control the entire machine from the joysticks, including the tiltrotator, blade and outriggers. For easy operation and maximum productivity, the digital colour display newly combines machine and tiltrotator information.

# Intelligent design, smart choice

### Strength and durability

The EW180E and EW220E offer strength in demanding applications with the specifically designed undercarriage and robust axles.

## **REACH FURTHER, LIFT MORE**

The new heavy-duty two-piece boom and arm offers a total reach of over 10 meters (32.8 ft) and increased lifting capacity.

### Automatic digging brake

The automatic digging brake engages when the machine's speed is at zero, so you can get straight to work once you stop.

### Hydraulic performance

The improved load-sensing hydraulic system allows maximum utilization of available engine power for increased responsiveness of operations.

# STEELWRIST® TILTROTATOR

The factory-fitted Steelwrist® tiltrotator offers ultimate control using the new joysticks and machine display.

# $oldsymbol{VOTVO}$

### Match and attach

Customize your machine with a range of purpose-built quality attachments, for improved cycle times and increased fuel efficiency.

# ENHANCED CONTROLLABILITY

Experience ultimate control of the entire machine from the joysticks, including steering (CDC), tiltrotator, blade and outriggers.

### Safe from the inside out

Operate safely in the ROPS certified Volvo cab, fit with rear view and side view cameras - which come as standard.



### Power up, fuel down

ECO mode, auto idle and auto engine shut down turn on automatically to reduce fuel consumption and machine

### Operators choice

The low-noise Volvo cab offers a comfortable and spacious ride with all-around visibility and ergonomically positioned interface.

### **Comfort Drive Control**

Comfort Drive Control gives the operator the opportunity to control the machine using only the joystick, up to 20km/h (12 mi/h).

### On or off road

The EW220E is available from the factory as either road homologated or off-road version.

# **SUPERIOR SERVICEABILITY**

Greasing points are grouped together for fast maintenance and filters placed behing wide-opening engine doors.

# The complete package

To ensure your business runs smoothly, Volvo invests in the intelligent engineering of every machine – but we don't stop there. As your partner in production, we support what you do with the right equipment for the job. Our portfolio of attachments and services is designed to complement your machine's performance and boost your profitability.

### Ditching buckets

For superior performance, Volvo ditching buckets make the perfect partner for landscaping, slope shaping or ditch maintenance. Featuring a 45° tilting on both sides, the Tiltable Ditching bucket is the ideal choice when a clean, smooth grade is required.



### Match and attach

Get the most out of your wheeled excavator with our range of purpose-built attachments, designed to work in perfect harmony with your machine. Form one solid and reliable unit that delivers improved cycle times and increased fuel efficiency, by customizing your machine with quality attachments that match your needs.



### Machine monitoring made easy

Stay ahead of unscheduled downtime and check that your machine is being operated efficiently with CareTrack – the state-of-the-art telematics system. Stay informed and receive reports, alarms and information such as fuel status, machine location and hours, so you can plan your service more efficiently.



### Here to support you

Maintain productivity and machine uptime with our range of widely available, tested and approved Genuine Volvo Parts – all backed by Volvo warranty. Here with the complete solution, we'll help you stay on track, offering flexible maintenance and repair options, as well as planned servicing, to extend the life of your excavator.





# STEELWRIST® TILTROTATOR

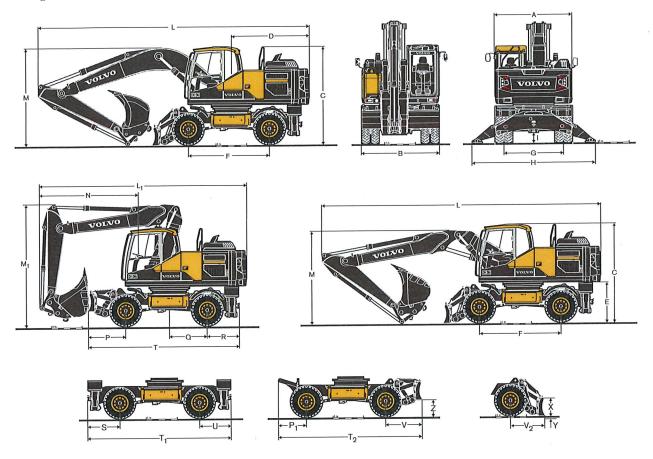
Boost productivity with the Steelwrist® tiltrotator, offering ultimate control. The factory-fitted system gives you the power to control both the machine and tiltrotator using only the two joysticks, with the information presented on just one machine display. Volvo digging, grading and cable buckets are designed to work in harmony with the tiltrotator. (Steelwrist® is a registered trademark of Steelwrist AB)

# Volvo EW180E in detail

i	Engine			Hydraulic s
	Volvo Construction Equipment is re Tier 4 Final legislation for off-road of innovations in its new generation technology (V-ACT). Volvo machines are equipped with pressure unit injector system. The gas re-circulation (E-EGR), a Die Catalytic Reduction(SCR) with Dies	vehicles with the intro n engines with Volvo in-line turbo charged engine features a ext el Particulate Filter (I	oduction of a cascade Advanced combustion I diesel engine with high ternally cooled exhaust OPF) and a Selective	Closed-cen valves. Load a high flow and fast mo The followin Parking mo Travel mode consumption
	Engine	Volvo	D6J	Working mo
	Max. power at	r/min (r/s)	1,800 (30)	working and Customer n
1	Net (ISO9249/SAEJ1349)	kW (hp)	126 (169)	conditions.
R	Gross (ISO 14396/SAE J1995)	kW (hp)	129 (173)	Power Boos
	Max. torque	Nm (ft lbf)	850 (627)	Main pump
	at engine speed	r/min (r/s)	1,350 (225)	Max. flow
	No. of cylinders		6	Servo pum
	Displacement	I (in³)	5.7 (348)	Max. flow
	Bore	mm (in)	98 (3.9)	Brake + st
	Stroke	mm (in)	126 (5)	Max. flow
	Electrical system	(4.7)		Relief valve
	High-capacity electrical system that	rrosion-free connection	ons. The main relays and	Implement
	solenoid valves are shielded to preve			Travel syste
	Voltage	V	24 2 x 12	Slew system
	Batteries		2 x 140	Pilot syster
	Battery capacity	Ah	28/120	Swing syst
	Alternator	V/Ah	26/120	The superst Automatic s
	Undercarriage		with a server shift	Max. slew
	Drive train: A variable axle piston n gearbox supplies 3 speeds. The groppeller shafts to the axles. Framework: All-welded robust tors Wheels: Alternative single and twin Front axle: Robust excavator axle vaxle oscillation lock. Undercarriage available with all pofor parallel blade.	earbox distributes tha ion box frame. n wheels available. vith automatic or ope	an the energy via erator controlled front	Max. slew to Total Machine w 590kg / 1, With dozen With dozen
	Oscillating	±°	10	With front
	with mudguards	±°	7	Machine w
	Twin wheels	type	10-20	S1,590kg
	Tractive force (net)	kN (lbf)	104 (23,380)	With dozer
*	Travel speed, on road	km/h (mi/h)	20.0/30.0/35.0 (12.4 / 18.6 / 21.7)	With doze
	Travel speed, off road		7.4/8.9 (3.1 / 4.6 / 5.5)	Service Re
	Travel speed, creep	km/h (mi/h)	3.7 (2.3)	Fuel tank
	Min. turning radius	m (ft)	7.6 (24.9)	DEF/AdBl
	Brake system		n n 1 10 10	Hydraulic :
	Service brakes: servo-hydraulically with two separate brake circuits. Parking brake: negative wet disc in ge Digging brake: service brake with Security system: The 2-circuit trav in the event of failure in the service.	ear housing, spring app mechanical lock syst el brakes are supplie	lied and pressure released.	Engine oil Engine co
	Cab			Axle diffe
	New design Volvo Care Cab with oper One way travel pedal with rocker switch	ator protective structure	, large and roomy interior.	Front axle
	release for digging brake pedal.			Rear axle
	Audio system with remote control and Independently adjustable joystick cons	soles.		Sound Lev
	Excellent all-round visibility provided by	maximized cab class, to	ransparent roof hatch,	Sound lev
	2-piece sliding door window and long The liftable front windshield can easily	be stored in the inside i	roof space and clipped in	LpA
	position. The removable lower front gla lighting consists of one reading light a	ass can be stored in the	side door pocket. Interior	2000/14/
*	The pressurized and filtered cab air is	supplied by a 14-vent c	limate-control providing	LwA (stand
9	suspension cushions protect the oper	ator from whrations Lie	live air-suspension seat with	LwA (tropi
	adjustable seat suspension, height, tilt Adjustable, easy to read 8.3" LCD colo	, recline and forward-ba or monitor provides real	ckward settings.(option) time information of machine	
	functions and important diagnostic inf monitor(standard)/side view camer	a ( option ). A new multi	function button on left hand	
	joystick with programmable function to	o improve the operator of I when this machine is e	comfort. equipped with air conditioning.	
	Contains fluorinated greenhouse gas	R134a, Global Warmin	g Potential 1,430 t CO2-eq.	

nyulaulic system		
Closed-centre load sensing hydraulic syste valves. Load independence of movements. a high flow pump (power regulation). The s and fast movements, for optimal working re The following working modes are included Parking mode (P): Parking position for opti Travel mode (T): Engine speed is controlled consumption and noise. Working mode (W): Full working flow with a working and best speed utilisation. Customer mode (C): Operator can set proponditions. Power Boost: All digging and lifting forces	Flow sharing featu system gives superi in the system: mal safely. I by travel pedal str adjustable engine r eer oil flow in accor are increased.	re, combined with or manoeuvrability oke for low fuel pm for normal
Main pump (type low noise axial piston	pump)	
Max. flow	I/min (gal/min)	375 (99)
Servo pump (type low noise gear pump	o)	
Max. flow	I/min (gal/min)	15 (4)
Brake + steering pump (Low noise gea	r pump)	
Max. flow	I/min (gal/min)	48 (12.7)
Relief valve setting pressure		
Implement	MPa (psi)	34/37.5 (4,931/5,439)
Travel system	MPa (psi)	37.5 (5,439)
Slew system	MPa (psi)	23 (3,336)
Pilot system	MPa (psi)	3.5 (508)
Swing system		
The superstructure is slewed by the means of Automatic slew holding bake and anti-reboun	a axial motor with red valve are standard	eduction gear box.
Max. slew speed	r/min	9
Max. slew torque	kNm (ft lbf)	54 (39,828)
Total Machine Weights		
Machine with 5.2m / 17'1" mono boom, 5590kg / 1,301lb - 890l / 235gal bucket.	2.45m / 8'0" dipp	
With dozer blade front and outriggers rea	r kg (lb)	19,900 (43,872)
With dozer blade rear only	kg (lb)	18,700 (41,226)
With front and rear outriggers	kg (lb)	20,220 (44,577)
Machine with 5.47m /17'11" 2-piece boo S1, 590kg / 1,301lb - 890l / 235gal buo	om, 2.45m / 8'0" oket.	dipper arm, quickfit
With dozer blade front and outriggers rea	r kg (lb)	20,500 (45,195)
With dozer blade rear only	kg (lb)	19,300 (42,549)
With front and rear outriggers	kg (lb)	20,820 (45,900)
Service Refill		
Fuel tank	I (gal)	295 (779)
DEF/AdBlue® tank	l (gal)	25 (66)
Hydraulic system, total	I (gal)	300 (793)
Hydraulic tank	I (gal)	165 (436)
Engine oil	I (gal)	25 (66)
Engine coolant	I (gal)	33 (87)
Transmission	I (gal)	2.5 (0.66)
Axle differential:		2 = (2 = )
Front axle	l (gal)	9.5 (2.5)
Rear axle	l (gal)	12.5 (3.3)
Sound Level		
Sound level in cab according to ISO 639	the state of the s	
LpA	dB(A)	70
	395 and EU Noise	Directive
External sound level according to ISO 63 2000/14/EC		
External sound level according to ISO 63 2000/14/EC LwA (standard)	dB(A)	101 102

# **Specifications**

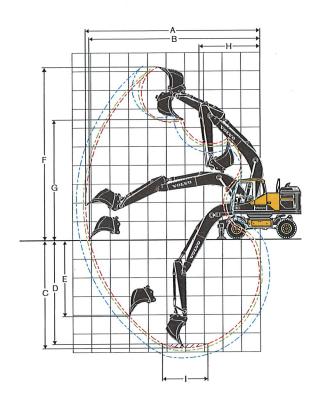


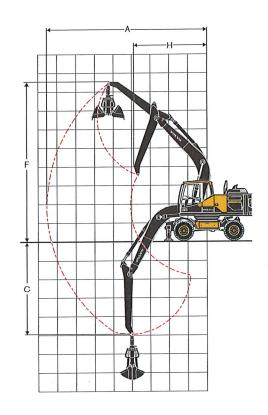
-	Mod	ENSIONS				EW.	180E			EW2	220E	
-		cription	U	nit	Mono		2-piece	boom	Mono	boom	2-piece	boom
-	-	- Inplient	-	ft in	5.2	17'1"	5.47	17'11"	5.7	18'8"	5.72	18'9"
	A	Overall width of superstructure	mm	ft in	2,520	8'3"	2,520	8'3"	2,520	8'3"	2,520	8'3"
r'	В	Overall width	mm	ft in	2,540 / 2,750	8'4" / 9'0"	2,540 / 2,750	8'4" / 9'0"	2,540 / 2,750	8'4"/9'0"	2,540 / 2,750	8'4" / 9'0"
1	C	Overall height of cab	mm	ft in	3,190	10'6"	3,190	10'6"	3,190	10'6"	3,190	10'6"
1	D	Tail slew radius	mm	ft in	2,550	8'4"	2,550	8'4"	2,624	8'7"	2,624	8'7"
1	E	Counterweight clearance	mm	ft in	1,280	4'2"	1,280	4'2"	1,295	4'3"	1,295	4'3"
	F	Wheel base	mm	ft in	2,650	8'8"	2,650	8'8"	2,750	9'0"	2,750	9'0"
	G	Tread	mm	ft in	1,940	6'4"	1,940	6'4"	1,914 / 2,114	6'3" / 6'11"	1,914/2,114	6'3" / 6'11'
	Н	Outrigger width (front or rear)		ft in		13'1"	4,000	13'1"	4,020	13'2"	4,020	13'2"
-		Min. ground clearance		ft in		1'1"	333	1'1"	334	1'1"	334	1'1"

	111	nit			Mor	o booi	n EW1	80E					2-pie	ce boo	m EW	180E			
		ft in			11101	5.2,								5.47,					
Description	11.1,				Ar	<u>-</u>			Grab	Arm			Aı	m			Grab	Arm	
<u> </u>	m	ft in	2.45	8'0"	2.6	8'6"	3.0	9'10"	3.2*	10'6"*	2.45	8'0"	2.6	8'6"	3.0	9'10"	3.2*	10'6"	
L Overall length	mm	ft in	8,880	29'2"	8,870	29'1"	8,900	29'2"	8,830	28'12"	8,990	29'6"	8,990	29'6"	9,020	29'7"	8,860*	29'1"'	
M Overall height of boom	mm	ft in	3,220	10'7"	3,180	10'5"	3,480	11'5"	3,580	11'9"	3,220	10'7"	3,200	10'6"	3,340	10'11"	3,530*	11'7"*	
	mm	ft in	-	-	-		_	-	-	-	6,870	22'6"	6,630"	21'9""	6,670"	21'11""	6,720*	22'1"	
M1 Overall height of boom	SERVICE STATE	ft in		-	-	-	-	-	-	-	3,970	13'0"	3,940**	12'11""	3,940**	12'11""	3,950*	12'12"	
	mm	ft in	-	+	÷	-	-	-	-	-	3,280	10'9"	3,040"	9'12"*	3,080**	10'1"**	3,130*	10'3"	
	U	nit			Mor	o booi	m EW2	20E					2-pie	ce boo	m EW	220E			
	m,	ft in				5.7,	18'8"				5.72, 18"9								
					Aı	rm			Grat	Arm			A	rm			Grab	Arm	
Ì	m	ft in	2.45	8'0"	2.6	8'6"	2.9	9'6"	3.2*	10'6"*	2.45	8'0"	2.6	8'6"	2.9	9'6"	,3.2*	10'6"	
L Overall length	mm	ft in	9,500	31'2"	9,500	31'2"	9,480	31'1"	9,380	30'9"	9,500	31'2"	9,500	31'2"	9,460	31'0"	9,330*	30'7"	
M Overall height of boom	mm	ft in	3,090	10'2"	3,140	10'4"	3,260	10'8"	3,520	11'7"	3,080	10'1"	3,130	10'3"	3,250	10'8"	3,460*	a encourant and and	
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	mm	ft in	-	-	-	-	-	-		-	7,180	23'7"	7,140			23'7""			
M1 Overall height of boom	mm	ft in		-	-	-	-		_	-	3,970	13'0"	4,000		named and highlighten	13'0"**	MATERIAL PROPERTY.	THE RESIDENCE OF THE PARTY OF	
**************************************	emstesses	ft in	_	-	-	-	-	-	-	-	3,500	11'6"	3,460	11'4"	3,500*	11'6"**	3,500	11'6"	

INDERCARRIAGE DIN	MENSIONS				
Description	Unit	EW1	80E	EW2	20E
D .	mm ft in	1,210	3'12"	1,290	4'3"
71	mm ft in	780	2'7"	830	2'9"
a elle alle	mm ft in	1,220	4'0"	1,370	4'6"
!/U	mm ftin	1,040	3'5"	1,070	3'6"
	mm ft in	1,130	3'8"	1,160	3'10"
	mm ft in	4,900	16'1"	5,320	17'5"
1	mm ft in	4,820	15'10"	4,980	16'4"
2	mm ftin	4,560	14'12"	4,780	15'8"
	mm ft in	1,130	3'8"	1,200	3'11"
2	mm ftin	960	3'2"	980	3'3"
	mm ft in	600	1'12"	600	1'12"
	mm ftin	155	0'6"	120	0'5"
	mm ft in	470	1'7"	460	1'6"

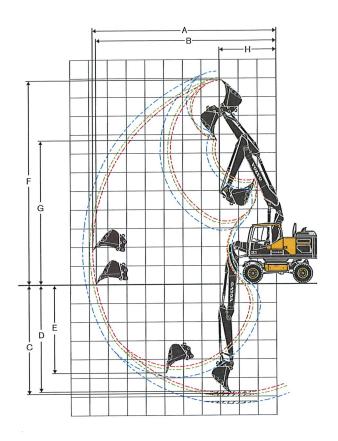
# Specifications EW180E

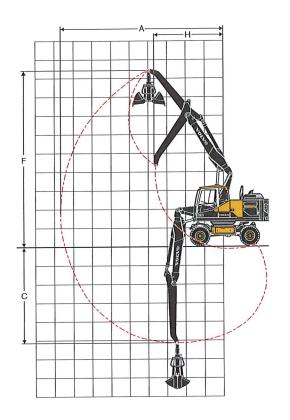




VORKING RANGES WITH DIRECT FIT BU				-	★ 5.2 m	, 17'1" mon	o boom EV	V180E		
	U	nit			4	rm 🕌			Grab	arm
	m	ft in	2.45	8'0"	2.6	8'6"	3.0	9'10"	3.2	10'6"
A Max. digging reach	mm	ft in	9,400	30'10"	9,530	31'3"	10,000	32'10"	8,420	27'7"
B Max. digging reach on ground	mm	ft in	9,200	30'2"	9,350	30'8"	9,735	31'11"	-	-
C Max. digging depth	mm	ft in	5,540	18'2"	5,690	18'8"	6,100	20'0"	4,680	15'4"
D Max. digging depth (I=2.44m, 8'0" leve	el) mm	ft in	5,355	17'7"	5,510	18'1"	5,930	19'5"	-	-
E Max. vertical wall digging depth	mm	ft in	4,700	15'5"	4,855	15'11"	5,235	17'2"	-	-
F Max. cutting height	mm	ft in	9,720	31'11"	9,820	32'3"	10,070	33'0"	8,500	27'11'
G Max. dumping height	mm	ft in	6,530	21'5"	6,630	21'9"	6,880	22'7"	-	
H Min, front slew radius	mm	ft in	2,990	9'10"	3,010	9'11"	3,050	10'0"	3,710	12'2"
DIGGING FORCES WITH DIRECT FIT BUC	KET									
Breakout force (bucket) ISO	kN	lbf	132'	29,675*	132*	29,675*	132'	29,675*		-
Tearout force (arm) ISO	kN	lbf	106*	23,830*	102*	22,931*	92*	20,682*	-	-
* with powerboost										
Max. recommended sizes for direct fit bu	ckets									
GP-Bucket (1.8 t/m³   3,034 lb/yd³)	1	gal	1,000	264	1,000	264	870	230	-	-
HD-Bucket (2.1t/m³)	1	gal	700	185	700	185	700	185	-	-
Max. recommended sizes for quick fit but	kets									
S1/S70 QF GP-Bucket (1.8 t/m3   3,034 lb/y	/d <sup>3</sup> )	gal	870	230	870	230	780	206	-	-
S1/S70 QF HD-Bucket (2.1 t/m³)	1	gal	700	185	700	185	700	185	-	-
UQF GP-Bucket (1.8 t/m³   3,034 lb/yd³)	1	gal	870	230	870	230	780	206	-	-
UQF HD-Bucket (2.1 t/m³)	1	gal	700	185	700	185	620	164	-	

Note: 1. Bucket size based on SAE-J296, heaped material with a 1:1 angle of repose. 2. "Max permitted sizes" are for reference only and are not necessarily available from the factory.





VORKING RANGES WITH DIRECT FIT BUCK					5.47 m,	17'11" 2 pi	ece boom E	W180E		
	U	nit			Aı				Grab	arm
	m	ft in	2.45	8'0"	2.6	8'6"	3.0	9'10"	3.2	10'6"
A Max. digging reach	mm	ft in	9,770	32'1"	9,920	32'7"	10,310	33'10"	8,840	29'0"
B Max. digging reach on ground	mm	ft in	9,600	31'6"	9,740	31'11"	10,140	33'3"	-	-
C Max. digging depth	mm	ft in	5,860	19'3"	6,010	19'9"	6,410	21'0"	5,000	16'5"
D Max. digging depth (I=2.44m, 8'0" level)	mm	ft in	5,760	18'11"	5,920	19'5"	6,320	20'9"	-	-
E Max. vertical wall digging depth	mm	ft in	4,740	15'7"	4,900	16'1"	5,280	17'4"	-	-
F Max. cutting height	mm	ft in	10,850	35'7"	10,980	36'0"	11,320	37'2"	9,750	31'12'
G Max. dumping height	mm	ft in	7,650	25'1"	7,780	25'6"	8,120	26'8"	-	-
H Min. front slew radius	mm	ft in	3,010	9'11"	3,080	10'1"	3,240	10'8"	3,700	12'2"
DIGGING FORCES WITH DIRECT FIT BUCKE	Т									
Breakout force (bucket) ISO	kN	lbf	132'	29,675*	132'	29,675*	132*	29,675	-	-
Tearout force (arm) ISO	kN	lbf	106*	23,830*	102*	22,931*	92*	20,682*	-	-
* with powerboost										
Max. recommended sizes for direct fit bucke	ts									
GP-Bucket (1.8 t/m³   3,034 lb/yd³)	1	gal	1,000	264	870	230	870	230	-	-
HD-Bucket (2.1t/m³)	- 1	gal	700	185	700	185	700	185	-	-
Max. recommended sizes for quick fit bucke	ts									
S1/S70 QF GP-Bucket (1.8 t/m3   3,034 lb/yd3)	1	gal	870	230	780	206	700	185	-	-
S1/S70 QF HD-Bucket (2.1 t/m³)	I	gal	700	185	700	185	620	164	-	-
UQF GP-Bucket (1.8 t/m³   3,034 lb/yd³)	1	gal	870	230	780	206	700	185		-
UQF HD-Bucket (2.1 t/m³)	1	gal	700	185	700	185	620	164	-	-

Note: 1. Bucket size based on SAE-J296, heaped material with a 1:1 angle of repose. 2. "Max permitted sizes" are for reference only and are not necessarily available from the factory.

# **Specifications EW180E**

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

Reach from machine centre (u = support up/d = support down)

						Reach fo	rom mach	ine centre									
	1:6:		1.5 n	n, 5 ft	3.0 m	, 10 ft	4.5 m	, 15 ft	6.	0 m, 20	ft	7.5 m	<del></del>		Ma		
	Lifting point		Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Acro UC		ong JC	Across UC	Along UC	Acros: UC		ong IC	Max.
			u d	u d	u d	u d	u d	u d	u	d u	d	u d	u d	u c	l u	d	
	7.5 m	•		-   -		-   -				- 1 -	-			4.2 5.3	3' 5,3'	5,3*	5.2 m
	25 ft								-		-			9.3 11.	7.11.7	11.7	pPetro-200570-20050
	6 m	•		-   -			-   -		3.4	5.6 5.1	6,8*			2.9 4.6	5° 4.4	4.6*	6.5 m
	20 ft								7.5	12.3 11.	2 15.0*			6.4 10.	1 9.7	a seminarement	21.3 ft
	4.5 m	•					5.1 8.5*	7.9 8.5	3.3	5.5 5.0	7,1*		+	2.4 4.	REES RESTRICTED	4.5*	7,3 m
	15 ft	•					11.2 18.7	17.4 18.7	7.3	12.1 11.	15.7*		economica representa	5.3 8.	nana kardrostii	9.9*	24.0 ft
Mono Boom: 5.0 m, 16'5"	3 m	•				- 2	4.7 8.2	7.4 10.2	3.1	5.3 4.8	7.8*	2.2 3.7	3.4 6.21	FORESPIEND STREET	ERSH SCHOOL	4.5*	7.7 m
Dipper am: 2.45 m, 8'0"	10 ft	×					10.4 18.1	16.3 22.5	6.8	11.7 10.	- a pagement of	exercisementa biscopii/kate	7.5 13.7	proportional proportions	artem teleproperate	n versammente	25.3 ft
Front dozer blade	1.5 m	•					4.3 7.8	7.0 11.4	ERICENSON CON U	State and the property of	8.4*	GISHMOOTIS SHIPPINGS	3.3 6.7*	DOMESTIC: STREET	5   3.2	g tour entrois	7.8 m
Rear outrigger	5 ft	=					9.5 17.2	15.4 25.1	energyeses is	11.2 10.	na rennamento	AUROPPARADO DIVIDOS DE	7.3 14.8	nenconverse subner	secon centrarion	10.6	SPENNSONS VOTO ORB
	0 m	•					4.1 7.6	CONTROL SECTION	DESCRIPTION OF	GREENING METERS	8.5*	Augustanes communic	I SEEDING GOVERNOR	ROSEWAN MARK	6 3.2	s wearances	7.5 m
	0 ft						S SCHOOLSE STREET, STR	15.0 25.6	MONORAGES S	10.8 9.9	ous Acronocopeesco	4.6 7.9	7.3 13.4	CHARGE AND RESIDENCE A	STREET, MAJORITHA	11.9	24.6 ft
	-1,5 m	•			A crimination of principles	11.6 11.6	A reference amounts	6.7 10.6	American S	4.9 4.4	TE CHESTANIA	-1-		2.3 4.	COLUMN TO THE PARTY OF THE PART	6.1*	7.0 m
	-5 ft	<b>#</b>			a concorrorea approachent	25.6* 25.6	s venewaters untermin	14.8 23.4	6.2	10.8 9.7	17.2			5.1 8.	PER MENUNEN	13.4*	649702390239027****
	-3 m	•			7,6 11*	11, 11,	a statistical promises	£ forestima terrorano	- 1		Ť	-   -		Exemples and	grapt topposes	5.5*	6968045050000
	-10 ft	=			16.8 24.3	24.3*24.3	9.0 16.8	15.0 18.3	_		-			William Committee	.0 9.9	12.1	19.7 ft
	7.5 m	•			-   -	7 . 7		-   -	•	- 1 -			71.	S RESERVED IN LOSS OF	9, 4.9,	2 200000000	5.4 m
	25 ft	<b>II</b>									-			reconcisioners uncertain	ANDRE MINISTRALIA	4.4	17.7 ft 6.7 m
	6 m	•							é mandanana n	5,6   5.1	od payersones			2.8 4.	SEOS SUSSICION	£ 2004/30/2003	22,0 ft
	20 ft	# 10000000							e propositioners of	12.3 11.	ing management			6.2 9.	corres depotedicate	ar es esconocio	sonohasumniklakholohuste
	4.5 m	•		-   -		-   -	5.2 8.2	4 CRESSING VINSEERS	e isingapianana a	5.5 5.0	THE REPORT OF THE PARTY OF THE			R HERROSEPHIR SHOWN	8 3.5	E SESSEEMENT	7.4 m
	15 ft	MA MARKAGAN					s issuedents votestato	17.6 18.1	FERSENBARR S	12.1 11.	on interestant			5.1 8. 2.0 3.	MINNS DOSESTED	9.3	24.3 ft 7.8 m
Mono Boom: 5.0 m, 16'5"	3 m		-   -			1 1	9 222003000 7120000ms	7,5 10	\$ INDEXESSOR S	5.3 4.8	Sta complete	COOCUMENT FEBRUARY	3.4 6.5	S ASSESSED UNION	5 3.2 7 7.1	9.5*	25.6 ft
Dipper arm: 2.6 m, 8'6"	10 ft	# passages						16.5 22.0		11.7 10.	en venuences	ANTONIOSEN SANOSENI	7.5 14.3 3.3 6.6°	a propositione proposi	DONATE ENGINEERING	4 000000000	7.9 m
Front dozer blade Rear outrigger	1.5 m	•				7 1 7	8 Soldenidda condemics	7.0 11.3	a siemoniario	CONTRACTOR STREET	The Paris of the P	(SSSENDING PERSONS)	g barbarasa neumakan	succession recons	Charl Managan	A 12(10)(60)(8)	s nonethernous and the
rtear outligger	5 ft	<b>II</b>					O DESCRIPTION OF THE PARTY OF T	15.4 24.9	e apresentation of	11.2 10.	oca ometernostico	PERSONAL PROPERTY	a perenticous seculosisti	a premiosentos cristos	5 3.1	# 538885E8	7.7 m
	0 m				5.9' 5.9'			6.8 11.6	a controverse o	THE RESIDENCE AND ADDRESS OF	8.5° 18.7°	SPECIFICATION SERVICES	3.2 6.4° 7.1 14.1	A THEODYNORISE SHIPPS	SINCE CONSIDER	11.2	2 printing and printing of the party of the
	O ft	a erecció			IN WEIGHOUSE PHATISCISCO	13.0113.0		15.0 25.6	a suppressource t	10.8 9.7 4.9 4.4	ear reseablefiel	4.0 1.9	7.1 14.1	s executores section	8 3.5	pa followership	7.1 m
	1.5 m	•			kt spesierobië rensoosese	11.3 11.3	I DESCRIPTION OF STREET	6.7 10.7 14.8 23.6	,	Resident personal	1.9			4.9 8	BENE ERBRENTE	N SERVICE DES	23.3 ft
	-5 ft				M PENNERRY SAFERING	24.9*24.9	a emperatus paringinis	6.8 8.6*	s segmenters o	TORONOLOGICO PROCESS	5.9			y napatawa pama	DESIGN PROSESSOR	5.5	#P000000000000000
	-3 m	•			HE ASSESSMENTS REMOVED TO	11.5°11.5 25.4°25.4	B BENDERAL WITCH	a consciona possesso	a centennena i		13.0			6.0 10	5202 SSE	G Shronnin	1 SUNDANDERS OF
	-10 ft	M WHITE CO.			10.5 25.4	25.4 25.4	9,0 10.0	10.0 19.0	0.2	10.0 3.0	13.0			3.4 4,	STATE DIVISION	4.1*	6.0 m
	7.5 m	d andress												7.5 9.	2948 ESSM1	SE COMPANS	19.7 ft
	25 ft								3.4	5.6 5.5	6,2			2.5 3.	STREET GENERALISE	EX DESIGNATION	s provinces posterior directs
	6 m							A SOMANA PERSON	E DESCRIPTION !	12.3 11.				5.5 8.	genes Nationero	16 ASSR 25 (2000)	23.3 ft
	4.5 m	es exercisor					59 73	7.3' 7.3'	a necessaria	recovered thickets	6.6	2.3 3.8	3.5 5.2	A ESSENSIONA TOSSO	more anderest	3.6*	7.8 m
	15 ft						d concern recent	16.116.1	E SECURE OF	12,1 11.	33 3250003	A SECURE AND ADDRESS OF THE PARTY OF T	7.7 11.5	a security code	STATE SERVICE	42 1004047-026	25.6 ft
	3 m	Ī					4.8 8.4	OF STREET, POSTOR STREET,	a respondence	WARNINGSOM REPORTS	7.4	E CONTRACTOR AND EXCEPTION IN	3.4 6.3	1.9 3	2 2.9	3,6*	8.2 m
Mono Boom: 5.0 m, 16'5"	10 ft						SE COMMERCIAL PROPERTY	16.8 20.7	d #33550000	11.7 10	and expension	PROPERTY PROPERTY	7.5 13.9	4.2 7	.1 6.4	7.9	26.9 ft
Dipper arm: 3.0 m, 9'10" Front dozer blade	1.5 m	or monance					4.4 7.9	NA TERRETA PROGRESSOR	to the second services	5.1 4.0	TOTAL PROPERTY.	a vanturentiid Sinonoosii	3.3 6.5	1.8 3	.1 2.8	3.8*	8.3 m
Rear outrigger	5 ft						e addesades compan	15.7 24.3	e productions	11.2 10	ness versesses en	a contractor annueses	7.3 14.3	4.0 6	.8 6.2	8.4*	27.2 ft
	0 m	ı	1 - 1 -		6.4* 6.4*	6.4* 6.4*	IN COMPRESSOR SUCCESSOR	6,7 11.6	e restoletoria	anagorous eventre	8.4	v traverconnes consumeros	3.2 6.5*	1.8 3	.2 2.9	4.2*	8.1 m
	O ft	# (5555) #			ER OTHER PROPERTY.	14.1114.1	PA NOSPENNIS AND MAN	14.8 25.6	2 Chinadania	Spokenia Sistem	7 18.5	a consumer which the	7,1 14.3	4.0 7	.1 6.4	9.3	26.6 ft
	-1,5 n		6.2' 6.2'	6.2 6.2	ere epera-director ederationale	10.5110.5	ea seessatemen rounneen	es monomenos términios	a mesocostara	NEEDSTRUKEN SETTEN	8,1*	y arrowantský province	3.2 5.7	2.0 3	.5 3.2	5.	7,6 m
	-5 ft	4 10000 F	SE PRODUKTUR KREKEN		" 15.9 23.1	Statement perfections	OR CONTRACTOR DESCRIPTIONS	3 14.6 24.3	ta mesanosa	10.6 9.7	SNR SERRESS	A DESCRIPTION TO SERVICE	7.1 12.6	4.4 7	.7 7.1	11.0	• 24.9 ft
	-3 m	ı		- 1	ed visuoscopera occosoros	12.812.8	AS ASSESSED PROPERTY OF	er steetskatet tradities	ne nerventanes	4.8 4.	4 6.7°	-   -		2,4 4	.2 3.8	5.4*	6.7 m
	-10 ft	on resente			pre garantante transmon	*28.2*28.2	24 (Epidololius Johnson)	3 14.8 20.5	St NEWSCOOL	10.6 9.	MARK TRANSPORTE			5.3 9	.3 8.4	11.9	22.0 ft
		_															

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

Reach from machine centre (u = support up/d = support down)

					1 22		rom mach							T	Ma		
	Lifting		1.5	-T	3.0 m	<del></del>		1, 15 ft	<del></del>	m, 20 f		7.5 m		<b> </b>			
	point		Across	Along UC	Across UC	Along UC	Across UC	Along UC	Acros			Across UC	Along UC	Across UC		ong IC	Max.
	1	•	UC				<del>                                     </del>	n q		d u	-	u d	u d	u d	u	d	iviax.
	7.6	200200	u d	lu d	u d	lu d	u   d		OR OCCUPANT OF STREET	.6' 5.4	Maria de la composición dela composición de la composición dela composición de la composición dela composición de la composición dela composición de la composición dela composición de la composición dela composición dela composi			3,5 5.2		5.2	6.1 m
	7.5 m								IN RESIDENCE STORY	.o 0.4 2.3° 11.9 1	Benedicta Faces			ES PRODUCERRAS GRANDO	5'11.5'	a delinimation of a	20.0 ft
	25 ft								en nameranahi 6000	CHICAGO PROMOTORNY IN	6.3			2.7 4.3	on emotionist	4.8*	7.3 m
	6 m	•							ST HUSSIANER HAS	3.0 11.9 1	managed was			6.0 9.5	53 70 bearing	d marriage a	200025565550400000
	20 ft								es supresentat men	5.8 5.3	awayesse save	.5 4.1	3.8 6.2	ray compositional coverages	esa escresiónico	a conservation of	8.0 m
	4.5 m			965166					31 (000000000000000000000000000000000000	2.8 11.7 1	250000000000000000000000000000000000000	.5 9.0	8.4 13.7	OR SPECIALISMS SAMEONS	PR INDERSORATION	10.4*	26.2 ft
	15 ft						5.1 8.7	7.9 9.4	NE HOSEMANNE AND	5.6 5.1	contractor of a city	5 4.0	3.7 6.5	HE CONTRACTOR TOWARD	eda reconsista	4.8*	8.3 m
	3 m			Halist			S ESSENTIAL ASSESSMENT	17.4 20.7	SID SERVENDON'S SHEET	2.3 11.2 1	200000000000000000000000000000000000000	SANCE THE STREET	8.2 14.3	DE STREETMANN BANKING	22 222222	10.6*	27.2 ft
Mono Boom: 5.0 m, 16'5"	10 ft							7,4 11.1	na workworked Land	MODERN OKNISATANI N	HOLOROGES STREET	covers overcomen	3.6 6.8	on acceptant establish	NA MARIORISMA	5.11	8,4 m
Grab arm: 3.2 m, 10'6"	1.5 m						N CONSTRUCTION	16.3 24.5	ed monument and	1.9 10.8	Water court and a	sayona managusan	7.9 15.0	and described spectral	COS DANCED AND IN	4 1000000000000	27.6 ft
Front dozer blade Rear outrigger	5 ft						4.4 7.8	та компетитителя изполерейс	con proveno estada secon	5.2 4.7	ONORWOOD POOR	.3 3.8	construction enterior	ON RESIDENCE PROPERTY AND	na reconsects	5.6*	8.2 m
rton bungger	0 m				1.5 105		<ul> <li>Patricipality Magazine</li> </ul>	15.4 26.2	SE SENSIFICADE INCI	1.5 10.4	2000-0000 00-0	Control processing	7.7 15.0	PR FORGETHER SPECIFIC	52 0000000	12.3*	8303225F230294
	O ft				- " 1 70 100	10.9110.9	in protestations assessment	E SECURE EXCEPT	er reconstants	5.1 4.6	WANTED OF SERVICES	2.2 3.8	s specializada receipeda	of the survey reserves	NAME AND POSTORIORS	a rememberar	7.7 m
	-1.5 m	1 1 1 1 1 1 1 1	SELECTION PLANTS	6.4 6.4	204 registratus resusance		SE ESCAMBON SENSONS	15.2 25.4	Of sponsored some	1.2 10.1	CONTRACTOR INCOME	.9 8.4	7.5 14.1	NA KAPATENAN OCCURS	NG PROCESS	13.2*	500000000000000000000000000000000000000
	-5 ft		14.1 14.	1 14.1 14.	116.8 24.0	13.8 13.8	es encourage parameter	is accessions without	HIS SOURCESSONS TIES	**************************************	7.2*			2.6 4.3	and exceptions	5.8	6.8 m
	-3 m				THE PROPERTY ASSESSED.	30.4 30.4	S DUSTRICKS AND SAN	15.2 21.8	58 Etchickdol (mz.	1.2 10.1	STATISTICS AND			5.7 9.5	ALC: FOR HOUSE AND	IN REPORT PARTY	22.3 ft
	-10 ft	e essession			10.8 30.4	30.4 30.4	va wisconstance providence	6.6° 6.6	NO. WHILLMOODING ACTO	1.2 10.1				3.6 5.0	CAN RANGESCHIE	5.0	5,3 m
	-4.5 m	•					is concessed measures	14.614.6	ele litroscopous and					NE DESCRIPTION	0.11.0	SE DEFENDENCE	220-10200-00-01
	-15 ft						9.7 14.0	14.0 14.0	, -				T	4.0 4.5	NG 1000-005	5.3	5.2 m
	7.5 m		- 1 -								-			33 (C) 32 (C) 4 (C	11.7	ia stronocciona	17.1 ft
	25 ft								3.2	3.6 5.0	68'			2.8 3.	150 25035050	SE PROPERTY AND A SECOND SECON	6.5 m
	6 m								ted testiminate son	7.9 11.0	secondend cont			6.2 6.8	23 2664003	9 0000000	22/22/25/20/28/22/2
	20 ft						4.9 5.5	7,8 8,5	my supplement the	3.5 4.9	ence attractions			use seneral contrate enhanced	3.6	er removement or	7.3 m
	4.5 m						tel dissenses natural	UN SUDRESCOUR ASSURES	NG WEEKSCOOF KINS	7.7 10.8	AND SECURE	5019 <i>0</i> 00		4.9 5.5	SSR NOODSESS	28 0000000000	24.0 ft
	15 ft	<b>=</b>					DE ESPECIALES ASSESSORS ES	14 HOUSEHOUS ESTENCES	oca wanawamazon been	and a constraint of the second	CONTRACTOR ACCOUNT	2.1 2.4	3.3 5.2	und decorptische invendor	anda keelelelele	op constanting	7.7 m
Mono Boom: 5.0 m, 16'5"	3 m		7   7				4.4 5.1	NE SHICKERSON WASHING	NIS Applicancy of year.	7.3 10.4	Spiritage states	1.6 5.3	7.3 11.	THE DESCRIPTION NAMED	ES ASSESSED	9.9*	25.3 ft
Dipper arm: 2.45 m, 8'0"	10 ft	<b>II</b> 1 SEESES					nes vacarones escapables	2 16.1 22.5	eng saspostocka stat	essentine republicable &	ADDRESS PORTS AND ADDRESS OF THE PARTY AND ADD	2.0 2.3	e entrettenen entrette	na aparesans menad	DOM COMPANYOR	4.8	7,8 m
Rear dozer blade	1.5 m	•		1 7 1 7	7   7		4.1 4.7 9.0 10.4	6.9 11.4 15.2 25.	FUR SESSIONARY ERRO	1010000 2000251023 I	TANKS AND AND ADDRESS AND ADDR	1.4 5.1	7.3 11.	tid negonana mona	ROW CONTRACTOR	44 SANDARONANA	25.6 ft
	5 ft	# # \$55540					ng concensors (0000099)	ea provinced relation	one conscioning sea	3.0 4.4	menochriste Pitch	2.0 2.2	N KONSKIDEN KESKISK	HER STREET, STREET, STREET,	OSSOSIONE MAN	NA DEPOSITS AND AND AND ADDRESS.	7.5 m
	0 m	•					3.9 4.5	ISB NEWSCOOKS SHIPPING	NA MARKETANA 152	CONTRACTOR PURCHASING	disherent ber	1.4 4.9	7.1 11.	RISE ESCORESIVOSE MONRO	nes redescon	11.0	24.6 ft
	O ft	<b>I</b>					8.6 9.9	on medicinated strategy	este attoutetérais son	3.0 4.3	7.1	+,4 <i>4.</i> 5		2.1 2.	093 6000 BGB	na conveniente	7.0 m
	-1.5 n	•		1 7 1 7	7.0 8.2	11.6111.6	SK debleddok mender	NR CHRESINGS SCHOOL	mis transcended new	SUSPENSION CONTRACTOR S	15.7	AN 954		4.6 5.	Sold ISSUEDA	of characters.	23.0 ft
	-5 ft	<b>#</b>			AND DESIGNATION OF STREET	25.6*25.6	on rescourant towards	HIS PARKETERS AND EXPRESSES	was armonestant and	0.0 9.0	13.7			2,7 3.	1534 NESSER	na ministrative	6.0 m
	-3 m	•			Sout suppressing transferan	11.0 11.0	NA VICTORINA CUTORINA	Sily affectionates by become	DOS EDIDOCIDIDA VIA					6.0 6.	Not Historian	0.0 0.000.000.000	19.7 ft
	-10 ft	in Ballesan			15.7 18.5	24.3*24.3	3* 8.6 9.9	14.8 18.	o -					3.8 4.		4,9	5,4 m
	7.5 m	•												EN PORTUGUE VEHICLE	5 10.8	SE RESPONSE	17.7 ft
	25 ft								3.2	3,6 5.0	6.7*			2,6 3.	ent oresista	ra serskereta	6.7 m
	6 m	•	-   -						SEE THE SECOND SEE	7.9 11.0	SECRETARY AND			5.7 6.	SELECTION OF STREET	CA METERSON	22.0 ft
	20 ft	## (00.250):				 		70 00	NAME AND DESCRIPTIONS AND	3.5 4.9	7*			The appearant and controls	4 3.4	ner respectively	7,4 m
	4,5 m						4.9 5.5	254 pStockerine everous	S28 EXECUTED 21.	7.7 10.8	squessies are			4.9 5.	beek almedare	OR COURSELL	24.3 ft
	15 ft	# 8 8888					10.8 12. 4.5 5.1	tia torresconsia escentis	and expressions are	3.4 4.7	normalization entit	2.1 2.4	3.3 5.5	ena senatenza sener	HOW COSTOCOL	va sepancerindo	7.8 m
Mono Boom: 5.0 m, 16'5"	3 m	•					9.9 11.	(2) ESSENCE ENOUG	252 Managaria 18	7.5 10.4	EDITOR HAD	4.6 5.3	SE SUSSESSIONER STRUCKS	and controlled there	SOCA CENTRAL	SCH CERRORISANO	25.6 ft
Dipper am: 2.6 m, 8'6"	10 ft			en electrica			KIN OKUSTRATO ISTOMACI	on committee Mades	roma somerocomptos fobli	3.2 4.5	ementanes and	2.0 2.3	de Andressorros supriros	oran statelistististis erotela	eros environdos	4.6	7,9 m
Rear dozer blade	1,5 m						9.0 10.	Sign Michigan and property	STOR COSMISSION NO	SUNDAMESTRATION	SPERSONAL COL	2.0 2.3 4.4 5.1	7.1 11	time invocation aroun	\$10.0\$ \$100000.00X	con respectations	25.9 ft
	5 ft		 1 (1111) 1111				DOS INSCRIPTORES ENTREMENTO	NA CESCASIONE PROPERTY	ene patendenta va	7.1 9.9 3.0 4.4	CONTRACTOR SEE	1.9 2.2	na managananan midikidi	ura korenena ledka	CESTS SELECTIONS	our engereering	7.7 m
	0 m				SER CARRIORS COURSE	5.91 5.9	MB NYONEDSKY KONTINO	88 0243-0213 bt=020	BALL MESSTERING BE	SECURE DESIGNATION	\$25050000 DE	1.9 2.2 4.2 4.9	State of the same	CHIEF DESCRIPTIONS ASSESSED	CHIEF RECEIVED	38 0952222	
	0 ft	<b>=</b>			CONTRACTOR AND	13.013.0	DOMESTICAL PROPERTY CONTROLS	no emissioned testant	none annivienzation de	mentenda sistrationera.	7.1	4.2 4.9	7.1	2.1 2.	enous sponopiesis	FRE CHICKSHIPS	7.1 m
	-1.5 n				ESTER POSSESSION PROSPERSON	11.3'11.3	AND ARRESTS ARRESTS ARROWS A	THE MUNICIPALITY DECISION	7' 2.6	PROPERTY AND INCOME.	15.7			4.6 5.	SCHOOL CONTRACT	SE STEERS SE	g _10010002000000000000000000000000000000
	-5 ft				como meneronado divinidade	24.9*24.9	and mechanical average	en amendadar bessen	NU TERZONESSO BES	Responses sources	5.91			2,6 2,	esca especiale	578 (90)999099	6.2 m
	-3 m	48 500000			DAM WASHINGTON	11.5 11.8	STEEL STATES AND ASSESSED.	COS LEIDANISMOS SELDIC	SSS termeany or	3.0 4.4	ENERGISS OF			5.7 6.	SON PROPERTY	12.1	\$ 5715 K G 100 E D 8 C 7 C
	-10 f	t m			15.7 18.3	3 25.4* 25.4	4* 8.6 9.9	14.6 19.	0.5.7	6.6 9.7	13.0*			U.1 D.	- 5.J	12.1	20.0 11

# **Specifications EW180E**

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

	1					Reach fi	om m	achir	ne ce	entre	(u =	supp	ort u	p/d =	supp	port (	down	)					
			1.5 m	n, 5 ft	3.0 m	, 10 ft	4.	5 m,	15 f	t	6	.0 m	, 20 f	ft [	7.	5 m,	25 ft	t			Max	ί.	
	Lifting point		Across UC	Along UC	Across UC	Along UC	Acro		Aloi U(		Acr		Alo		Acro		Alor		Acro U(		Alo	ng C	Max.
			u d	u d	n q	u d	u	d	u	d	u	d	u	d	u	d	u	d	u	d	u	d	IVIAX.
	6 m	•	-		-   -			-	- 1	-	3.3	3,7	5.1	6.2*	-	•	+	- [	2.4	2.7	3.7*	3.7*	7.1 m
	20 ft						-	-	-	-	7.3	8.2	11.2	13.7*	-	-	-	-	5.3	6.0	8.2*	8.2*	23.3 ft
	4.5 m	•	-   -	-   -			5.0	5.6	7.3	7.3*	3,2	3,6	5.0	6,6°	2.2	2.4	3,4	5,2	2.0	2.2	3.2	3.6*	7.8 m
	15 ft	# H					11.0	12.3	16.1	16.1*	7.1	7.9	11.0	14.6*	4.9	5.3	7.5 1	1.5*	4.4	4.9	7.1	7.9*	25.6 ft
	3 m	•					4,6	5.2	7.4	9.4*	3.0	3.4	4.8	7.4*	2.1	2,4	3.4	5.2	1.8	2.0	2.9	3.6*	8.2 m
	10 ft						10.1	11.5	16.3	20.7*	6.6	7.5	10.6	16.3*	4.6	5.3	7.5	11.5	4.0	4.4	STORESPINE A	7.9*	26.9 ft
Mono Boom: 5.0 m, 16'5"	1.5 m	•	-   -				4.1	4.7	6.9	11.0	2.8	3.2	4.5	7.4	2.0	constraint 5	3.2	20012023-2	1.7	SESSION R	2,8	recession of	8.3 m
Dipper arm: 3.0 m, 9'10" Rear dozer blade	5 ft	=					9.0	10.4	15.2 2	24.3*	6.2	7.1	estrometro e	annuary and	escendance or	onarrintray o	7.1	STATE OF THE PARTY	poprodivide r	CONTRACTOR IS	conversa p	2501552733.2	27.2 ft
. 10.11	0 m	•	-   -		6.4' 6.4'	6.4* 6.4*	3.8	4.4	6.6	11.6	2.6	3.0	Description :	7.2	100000000000000000000000000000000000000	nontraction of	3.2	SOUSSESSION D	DIRECTOR O	restratoral P	2.8	220222224	8.1 m
	O ft	×			14.1114.11	14.1*14.1*	8.4	9.7	14.6	25.6*	5.7	6.6	9.7	15.9	nominanting to	entratana a	eroscecena ye		3.7	uncommonde o	CONTRACTOR &	9.3*	26.6 ft
	-1.5 m	•	6.2* 6.2*	6.2' 6.2'	6.8 8.0	10.510.5	3.8	4.4	6.5	11.0	2,5	2.9	4.3	7.1	200000000000000000000000000000000000000	E856731 P	secondaria a	255230312 B	persons :	2.1	special s	5.0	7.6 m
	-5 ft	<b>I</b>	13.7*13.7*	13.7 13.7	15.0 17.6	23.1*23.1	8.4	corbonistry s	14.3	errences e	5.5	6.4	enconcers o	naczanowina (IIII)	4.2	4.9	6.8	ennikovania v	4.2	4.6	annennen e	STORESTONS S	24.9 ft
	-3 m	•			1983950094 2000985010	12.8112.8	STREET, STREET, ST	HOUSEN C	6.5	SMITTHEFT S	2.6	2.9	\$33513151114 5	6.7*		7	7		2.2	2002003	3.7	RECEIPTED I	6.7 m
	-10 ft	H			15.2 18.1	28.2* 28.2	8.4	9.7	14.3	KONTON POWER OF	5.7	6.4	wanter-tea -	14.8*		-	-	-	4.9	5.7	-	11.9*	22.0 ft
	7.5 m	•	-   -	- 1				7	- 1	•	3.5	3,9	035035043	5.6				7	3.4	3.8	CENTROLS :	5.2	6.1 m
	25 ft	<b>#</b>					-	-	<b>~</b> 2002/5824 D	- 151531-1158 t	7.7	consessory	11.7	SERESSISSISSISSISSISSISSISSISSISSISSISSISSI		 Polisiona s			7.5	SEEDONALINE V	enamento a	noncentra s	20.0 ft
	6 m	•	-   -		-   -	- 1 -		-	-	-	3.5	3.9	123000000000000000000000000000000000000	6.3*					2.6	DESCRIPTION OF	3.9	kildzzterze (	7.3 m
	20 ft	<b>=</b>					- Hestories N	 036855000 (	-	- sensional s	7.7	WESTERLAND	11.7	007759003			-	-	5.7	6.4	8.6	STREETS OF STREETS	24.0 ft
	4.5 m	•	• •	-   -	-   -						3.4	DESCRIPTION	5.2	202020000000000000000000000000000000000	Company of the Compan	2002551103	INSTRUMENT IN	200000000	2.2	DOMESTICS I	3.3	X1000000000000000000000000000000000000	m 0.8
	15 ft	E HOUSER						-			7.5	AND DESCRIPTION OF THE PARTY OF	11.5	promoterness.	vecominate re	PERSONAL SE	namportusta tr	enveneren a	4.9	5.3	7.3	00000000000000000000000000000000000000	26.2 ft
	3 m	•	-   -	- 1		7   7	4 Bazasanan 19	5.5	7.8	100000000000000000000000000000000000000	3.2	3.6	19900000000	7.5	000000000000000000000000000000000000000	9000000001 c	2012/2020/06 (0	2000121168	2.0	220000000	3.1	premionina i	8.3 m 27.2 ft
Mono Boom: 5.0 m, 16'5"	10 ft	<b>II</b>					e opoticitative is	oniocena i	17.2	SOMETIMES S	7.1	000000000000	11.0	Extrapoportizae	PERSONAL SERVICE AS	systems is	serstricte s	12.1	4.4	4.9	070000000000000000000000000000000000000	10.1 4.5	8.4 m
Grab arm: 3.2 m, 10'6"	1,5 m	•	7   7			7   7	s was every p	catations a	dennicana d	11.11	22/04/04/04/27	3.4	4.8	REACOND CONTRA	E000000000110	encourage o	3.5 7.7	ALIONALIA D	1.9 4.2	2.1 4.6	SERVICE STATES	9.9	27.6 ft
Rear dozer blade	5 ft			estantingan			S RESERVED A	encentressus I	aserbicavita s	24.5*	1053701276	PERSONAL PROPERTY AND PROPERTY	10.6 4.6	16.8 7.4	commonwer of	September 2	e sometenes	5.3	CONTRACTOR OF	nearcoveries a	overson son a	4.6	8.2 m
	0 m			-   -			A SECTION OF	DEPRING :	6.9	restrictions :	2.9	3.3 7.3	059800000	100000000000000000000000000000000000000	VERTICAL IS	5.3	unharment o	11.7	4.2	4,9	E8800504 (	10.1	26.9 ft
	Oft				71 04	1001100	e materialista i	PERSONAL PROPERTY TO	15.2	20.2 11.5*	6.4	3.2	P107001025F8 3	7.3	announce o	compressión é	enconstator is	SCHOOLS IN	2.0	2.3	WINDHAM A	5.0	7.7 m
	-1.5 m	•	6.4* 6.4*	ASSESSMENT DESCRIPTION	7.1 <b>8.4</b> 15.7 18.5	10.9110.9	2 1070300003	common a	15.0 :	GERTHORN S	6.2	7.1	47079550003	16.1	Quantities and the	5.3	CONTRACTOR OF	11.5	4.4	5.1	olonianore a	11.0	25.3 ft
	-5 ft		14.1 14.1	14.1 14.1	a Jorgania Kyristania	13.5 13.8	a monomore a	4.6	6.8	PSDRSVeSependy I	2.8	3,2	eworeness a	7.2	7.0				2.4	2.7	3.8	anarament	6.8 m
	-3 m	•			R WARRIED START STREET, START	29.8 30.4	a terronomon n	200000000000000000000000000000000000000	15.0	2012/2010/01	6.2	7.1	9.9	2000,000,000	-	_	-	-	5.3	6.0	SECRETARIA I	12.8	H152-0120220231632
	-10 ft -4.5 m	s provinces			10.9 10.1	29.0 30.4	4.2	occurrence -	6.6	provinces a	0.2						- 1		3,4	roennanntaht a	5.0	rpspoorosts	5.3 m
	-15 ft	# 100200000					\$ \$500000000000000000000000000000000000	030500000000000000000000000000000000000	14.6*	102400002	-	-	-	-		-	-		7.5	2611831024	11.0°	2007-200-04	17.4 ft
	7,5 m	5 x42455404		211.											<u>.</u> 1	-	-	- 1	4.2	5.3*	5.31	5.31	5.2 m
*	25 ft								-	-	-	-	-	-	-	-	esesiolera o	-	9.3	11.7	11.7	11.7	17.1 ft
	6 m					- 1 -		- 1	- 1		3.4	5.5	4.8	6.8		- 1	- 1	- 1	2.9	4.6*	4.2	4.6*	6.5 m
	20 ft	1 11654					a managara s	-	-	-	7.5	12.1	10.6	15.0*	-		-	-	6.4	10.1	9.3	10.11	21.3 ft
	4,5 m				-1-	- 1 -	5.1	8.5*	7.6	8.5	3.3	5.4	4.8	7.1	- 1	- 1	- 1	-	2.4	3,9	3.4	4.5*	7.3 m
	15 ft						11.2	18.7*	16.8	18.7	7.3	11.9	10.6	15.7*	-	-	-	-	5.3	8.6	7.5	9.9	24.0 ft
5 50 4055	3 m			-   -	-   -		4.7	8.1	7.1	10.21	3.1	5.2	4.6	7.81	2.2	3.7	3.2	6.2*	2.1	3.5	3.1	4.5*	7.7 m
Mono Boom: 5.0 m, 16'5" Dipper arm: 2.45 m, 8'0"	10 ft	\$ 2002269 <b>=</b>			4 30:000/034 M1000000		10.4	17.9	15.7	22.5	6.8	11.5	10.1	17.2*	4.9	8.2	7.1	13.7*	4.6	7.7	6.8	9.9*	25.3 ft
Front outrigger	1.5 m	•		- 1 -	-   -		4.3	7.6	6.6	11.41	2.9	5.0	4.4	8.4*	2.1	3.6	3.2	6.7*	2.0	3.4	3.0	4.8*	7,8 m
Rear dozer blade	5 ft					a manufactural emolicies	9.5	16.8	14.6	25.1	6.4	11.0	9.7	18.5	4.6	7.9	7.1	14.8*	4.4	7.5	6.6	10.6*	25.6 ft
	0 m			-   -			4.1	7.4	6.4	11.61	2.8	4.8	4,2	8,5*	2.1	3,5	3.1	6.1*	2.1	3.5	3.1	5.4*	7.5 m
	O ft	. (2) (2) (2) <b></b>					9.0	16.3	14.1	25.6*	6.2	10.6	9.3	18.7*	4.6	7.7	6.8	13.4	4.6	7.7	6.8	11,9*	24.6 ft
	-1.5 m	•		-   -	7.4 11.6	11.6 11.6	4.1	7.3	6.4	10.61	2.8	4.8	4.2	7.8*	-				2.3	3.9	3.4	6.1*	7,0 m
	-5 ft	- reterior			16.3 25.6	25.6*25.6	9.0	16.1	14.1	23.4*	6.2	10.6	9.3	17.2*	economic -	-			5.1	8.6	7.5	13.4*	23.0 ft
	-3 m	•			7.6 11.0	11.0'11.0	4.1	7.4	6.4	8.3*		-		-		-	-	-	2,9	4.9	STREET, STREET,	5.5*	6.0 m
	-10 ft				16.8 24.3	24.3 24.3	9.0	16.3	14.1	18.3*	-	-	~	-	-	-	-	-	6.4	10.8	9.5	12.11	19.7 ft

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / ■ 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

						Reach fr	om mach	ine centre	(u = su	oport up/d	= support	down)			
			1.5 n	n, 5 ft	3.0 m		4.5 m		6.0			ı, 25 ft		Max.	
	Lifting point	l	Across	Along	Across	Along	Across	Along	Across		Across	Along	Across	Along	
	Polit		UC	UC	UC	UC	UC.	UC.	UC	UC	UC	UC	UC	UC	Max.
	4750/R025R03	a progression	u d	u d	u d	u d	u d	lu d	u d	u d	l u l d	u d	u d 4.0 4.9'	u d 4.9° 4.9°	5.4 m
	7.5 m	•	-   -	-1.7		-1-		-   -					NO SUBSTITUTE STATES AND STATES	10.8*10.8	a seconomica consulta
	25 ft	<b>=</b>						 1 5000001 500000					2.8 4.4*	www.warana.com	6.7 m
	6 m	•	-   -						3.4 5.	THE WHITTENESS WATER			6.2 9.7	8.8 9.7	22.0 ft
	20 ft	a weers						70 00	7.5 12	sana seconomento Astilinolde			2.3 3.8	157910201998 110707F030	A SHORESTON STREET
	4.5 m		7   7	-   -			5.2 8.2	7.6 8.2° 16.8 18.1	S INDICATED AND AND AND AND AND AND AND AND AND AN	4.8 7.0° 9 10.6 15.4			5.1 8.4	7.3 9.3	24.3 ft
	15 ft	<b>=</b>					4.7 8.1	V INSTRUMENTA PROPERTY	3.1 5.	THE TRADPOST PROPERTY.	NAMES ASSESSED ASSESSED AS	3.2 6.5	2.0 3.4	3,0 4.3	d contractiveness
Mono Boom: 5.0 m, 16'5"	3 m						SERVICE SPREAME	15.7 22.0	4 NORSHOOM UNKNO	5 10.1 17.0	a successive processor	7.1 14.3	DOMESTICAL PROPERTY.	6.6 9.5	d telephonogramon
Dipper arm: 2.6 m, 8'6"	10 ft	9 #33353					MANUFACTURE ASSESSMENT	6.7 11.3	NO COMPRESSORIAL PROPERTY OF	NAMES AND ADDRESS OF THE PARTY.	A CHECKSON PROTESTAN	e completed interpreter	2.0 3.3	NUMBER AND RESPONSE	S 01250501050105313
Front outrigger Rear dozer blade	1.5 m						ADMINISTRA	14.8 24.9	# NoticeSchool schools	THE EXISTING DESCRIPTION	o torrown and the real and	6.8 14.6	HOUSERSON MANAGEMENT	6,4 10.1	g andrandous
	5 ft				5.9' 5.9'	5.9' 5.9'	4.1 7.4	N STREET, STRE	w rowcommonate 6900000	NAME AND ADDRESS OF THE PARTY O	a constructor executions	3.1 6.4	PARTMENT SPRESSES	CONTRACTOR STATEMENT	at Newstrandockinstations
	0 m				13.0*13.0*	ROMERNA ABENDARA	Lobalisma (passion)	14.1 25.6	or commercial source	san unanteres extension	d worderstate presentation	6.8 14.1	SOURCE OF STREET	6.6 11.2	d symptomic reports
	0 ft				a serentember enterenten	11.3 11.3	MANUFACTURE DESIGNATION	6.3 10.7	S ASTROPRISADE VISINES	nas raskelaasi seaasis			2.2 3.8	3.3 6*	7.1 m
	-5 ft				\$ XENSENTS ETRICIONS	24.9*24.9*	Districtus recolecto	13.9 23.6	SECURITY SEASON	MAN AMERICAN STREET, SPORTS AND	•		4.9 8.4	7.3 13.2	· 23.3 ft
	-3 m				a proposenska eventropyth	11.5 11.5	providences appropria	S. CONSTRUCTOR PROFESSION	o aneronaveta pistina	NAME OF TAXABLE PARTY AND POST			2.7 4.7	4.1 5.5	6.2 m
	-10 ft	in thereses			\$ Eliminating symmetrics	25.4*25.4	STANSFORMS CHIMICAL	14.1 19.0	a concessor was	THE PERSON NAMED IN			6.0 10.4	9.0 12.1	· 20.3 ft
	7.5 m		-   -	-   -						-   -		1 - 1 -	3.4 4.1*	4.1* 4.1*	6.0 m
	25 ft	A BENEFIT			# CONTROL TO THE PARTY								7.5 9.0	9.0° 9.0°	19.7 ft
	6 m								3.4 5.	5 4.9 6.2			2.5 3.7*	3.6 3.7	7.1 m
	20 ft	(4 ::::::::::::::::::::::::::::::::::::							7.5 12	.1 10.8 13.7	•		5.5 8.2	7.9 8.2	23.3 ft
	4.5 m	SK 100000000				-   -	5.2 7.3	7.3' 7.3'	3.3 5,	4 4.8 6.6	2.3 3.8	3.3 5.2	2.1 3.5	3.1 3.6	7.8 m
	15 ft	SM SPECIFICAL	+ -				11.5 16.1	16.116.1	7.3 11	.9 10.6 14.6	5.1 8.4	7.3 11.5	4.6 7.7	6.8 7.9	m management of cross
M D E 0 16'5"	3 m	•				-   -	4.8 8.2	7.2 9.4	3.2 5.	2 4.6 7.4	2.2 3.7	3.2 6.3	1.9 3.2	2 DESCRIPTION STREET	CE ACCCUMENTATION
Mono Boom: 5.0 m, 16'5" Dipper arm: 3.0 m, 9'10"	10 ft	THE STREET					10.6 18.1	15.9 20.7	7.1 11	.5 10.1 16.3	4.9 8.2	7.1 13.9	4.2 7.1	6.2 7.9	us essectionisticismos
Front outrigger	1.5 m						4.4 7.7	6.7 11.0	2.9 5.	3 4.4 8.1	2.1 3.6	3.1 6.5*	1.8 3.1	2.7 3.8	
Rear dozer blade	5 ft	H					9.7 17.0	14.8 24.3	on processymmetry polysto	acces estretoretts elebelish	ra enteression (SURESPON	6.8 14.3	a neconstrola encursora	6.0 8.4	PA ROBBESTOSSISTANTES
	0 m	•		-   -	# Secretaries presented	6.4' 6.4'	a version and determine	IS SUBSECUED INTOXAL	IN MODERNOON INVOICE	SOUR COMMISSION SCHOOLS	ed resolucione establishe	led additionable recognitions	1.8 3.1	2.7 4.2	M SHEEL STANSON
	O ft			- +	ов исположение мемления	14.1114.1	T CONTROL TO A CONTROL OF THE CONTRO	14.1 25.6	DE ANDRESON DESCRIPTION	week edularizata sarata	on processories assessed	6.6 14.3	a independently specialized	6.0 9.3	OR EXCHAPABILISMS
	-1.5 n	n •	t beerseen nousee	6,2' 6.2'		10.510.5	T COSCULATION POLITICAL	6.3 11.0	es toronomes xore	STEEL STREET, STREET, STREET, ST	IN CONSTRUCTOR SOURCES	SECULIARIS SE PRESIDEN	2.0 3.4	A proposition encountries	7.6 m
	-5 ft	E NOVOMBIN	13.7*13.7	13.713.7	15.9 23.1	CONTRACTOR SECURIORS	s economics protects	13.9 24.3	OF CONTRACTOR SOURCE	COST ANTACHEROS TOSTICOS	ALIESCONOSIA MALIESCO	6.6 12.6	w measurement surpressed	6.6 11.0	na esecutarranación
	-3 m	•		- 1 -	S PROZESSON GRANDE	12.8 12.8	E DOZGAZZANION PROMININA	e manual acres	de plantacione notas	Note this property and property	22 Application representation		2.4 4.1 5.3 9.0	7.9 11.9	to equipment and once
	-10 f	NA PAREN			16.3 28.2	* 28.2 28.2	8.8 16.	13.9 20.5					5.3 9.0 3.5 5.2°	A MANAGEMENT PROPERTY.	IN Excelvenance in
	7.5 n	SE SOUTH							3.6 5.	ASSESSMENT OF SPECIFICAL SPECIFICAL			S HONESHEET SECRETARY	* 11.0 11.5	SE PERSONAL SERVICES
	25 ft	SER DESERVED							OF DESIGNATIONS SINGSON	3* 11.2 12.3 0 50 60	DIA SERVOSODORA ESCENDENCIA		2.7 4.2	A SOCIETION STATIST	na europaeomosmosm
	6 m	SE SHOOT							ST PRESIDENCE INCOME	8   5.2   6.2 .8   11.5   13.7	CA REGISSION NUMBER		6.0 9.3	8.4 10.6	of shooping
	20 ft	SA CONTRA	 A SUCCESSA SUCCESSA						3.6 5	ners renserente gestäten	NE RESIDENCESTOR NEWSTRANS	3.6 6.1	o weakers on contract	THE CONTRACTOR STREET	on weathers were and
	4.5 n	cas monaco							HE CONTRACTOR SERVICE	.6 11.0 14.8	OR DESCRIPTION SERVICES	DE PRODUCTION MANAGEMENT	S PRESIDENCE PROPERTY.	7.1 10.4	A MARKETTANISTON
	15 ft	tive success					5.1 8.5	7.5 9.4	sa swakesaza exec	4 4.8 7.5	ng ipaprimpana agadalahili	OR NAMES OF SPREEKING	STREET,	a rovernose recenso	ener unverselende den gesellen
	3 m	Side and the same					11.2 18.	SA MEDICASA ERIPROA	ma termentera societ	,9 10.6 16.6	et service and a section of	68 ADDAMESTS STREET	in distribution recovers	SA GERSTINOSCIQ WONTRING	HA MUSICULARISME
Mono Boom: 5.0 m, 16'5"	10 ft	TA 302551					4.6 8.0	ne statemente distanti	na kumanokana banan	2 4.6 8.2	ER CONTROL PRODUCT	DE DESCRIPTION SWITCH	a vermenta present	na retrestatentes estatutaten es	OR MADDESCRIPTION
Grab arm: 3.2 m, 10'6" Front outrigger	1.5 n 5 ft					: 123551 (101))) 	e districts proposi	3 15,4 24.5	10A STREETS TAXABLE	.5 10.1 18.	SR SINKERS OF GROWING	IS DESCRIBED LABOUR.	SERVICE PROPERTY.	6.2 11.2	25 MODERNO SERVICE
Rear dozer blade	0 m						4.3 7.6	en various months are	OF RESERVED THE	0 4.4 8.6	ent objections between	en namentona sassonas	OR SHOOTS WHAT RESIDENCE	er erementete manetalet	ON REPORTED TO THE
	Oft						9.5 16.	SER THREE SHARE SHAREN	NE EDENOMORE MODE	.0 9.7 19.0	(6) preference and and		R discounted observers	tol Procedure Committee	say iconstension rave
	-1.5 r		6.4' 6.4'	6.4' 6.4'	7.5 10.9	10.910.9	OL DESCRIPTIONS SPANNED	THE RESIDENCE PROPERTY	THE RESIDENCE AND ADDRESS	9 4.3 8.4	CONTRACT BROZENSPROVED 200	on Paraconnecto escurated	na posessoneta superiora	3.1 6*	7.7 m
	-5 ft	aca paratron			16.5 24.0	ii izakowea korsse	SERVICE PROPER	5 14.3 25.	NA ZOROGINEZ HOME	0.8 9.5 18.	POR 270000000-14 200-140-1	and recommend the second	A RESOLUTION MONOCON	6.8 13.2	2° 25.3 ft
	-3 m	ned statelists			THE DISCRIPTIONS SOMEORY	13.0 13.8	es roomstees neescas	nae konemercena könnenen	IN EXPENSACION STORY	9 4.3 7.2	OR STANSFERRY SAMESE		2.5 4.2	3.7 5.8	6.8 m
	-10 f	ore scancer		s muuteti 9550 	NO STREET, STR	* 28.7 30.4	S AND ARCTOR DISCUSSION	pe applicable person	DE ISBIDIONISM NEEDS	),8 9.5 15.9	With Effective contraction		5.5 9.3	8.2 12.8	3° 22.3 ft
	-4.5 r	nea sometic		-   -			4.4 6.5	NO REPORTED THE SAME	KER AUSTRALISES (SEE	-   -   -		-   -	3.5 5.0	5.0' 5.0	5.3 m
	-15 f	and rounce	- "				a) communication and and and and and and and and and an	3 14.3 14.3	3				7.7 11.0	11.0.11.0	) 17.4 ft
	┙ ・- ・														

# **Specifications EW180E**

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / ■ 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

machine's hydraulic lifting ca	араспу	rauni	er un	ан пр	ping	ioad	١.		Re	ach f	rom r	nachi	ne c	entre	(u =	supr	oort 1	1D/d :	= sui	port	dow	n)					
				1.5 n	n. 5 f	t	T 3	3.0 m				1.5 m				3.0 m				7.5 m					Ma	x.	
	Lifting point			ross JC	Alc U			ross IC		long JC	Acı	oss C	Alc U	ng		oss C		ong C		ross IC		ong IC	Acr U	oss C	Alc U	ng C	Max.
			u	d	l u	d	u	d	u	l d	u	d	u	d	u	d	u	d	u	d	u	d	u	d	U	d	
	6 m	•	-	-	-	÷	-	-		-	-	•	-	+	THE REAL PROPERTY.	6.8°	5,0	B2005005003	•		•	-	3,0	4.6°	4,3	29665533	6.5 m
	20 ft	E ISSUESSE	·	- 4 5000000000	- Frederickelar	-	- 1 (\$2000)	-	-		- 1 5123256	- 112025811	-	- 12000	ISSNORINGES	15.0*	TECHSONO CO	Postervisions	-	-	-		merceseté à	10.1	ASSESSMENT OF THE PARTY OF THE	10.1*	21.3 ft
	4.5 m	•									3 (2000) 2000	8.5	7.8	25626000	3.3	6.8	4.9	2251200000					2.4	4.5*	3.6	9.9*	7.3 m 24.0 ft
	15 ft		-	-		-	-		-		<ul> <li>************************************</li></ul>	18.7° 10.2°	*00000000000000000000000000000000000000	SUBSTITUTE SAN	genomodomok	15.0	*151/50000	7,8	2.2	4.6	- 04	6.21	5.3 2.2	9.9	7.9 <b>3.2</b>	100000000000	7.7 m
	3 m										F RESOLUTION	22.5	04000350	2001/03/2019	Service Servic	remember	PROPERTY	17.2	190200000	10.1	2000/2012/10	13.7*	4.9	9.7	7.1	SUPPLY	25.3 ft
Mono Boom: 5.0 m, 16'5"	1.5 m											10.1		Assessed Security State	automorphism	A PROCESSION AND A PARTY OF THE	YORK TRUENS	8.4*	+01011011010101010	. Apostoreprise	HISPARKS	12000000000000000000000000000000000000	2,0	4.3	removement	20000000000	7.8 m
Dipper arm: 2.45 m, 8'0" Front and rear	5 ft							-	10000		9.7	22.3	2000000000	OLDSON CONTROL	200400004	290000000000	500000000	18.5	DESCRIPTION	10.1	2012/2019	Negopotor (	4.4	9.5	ESSIGNA	10.6*	25.6 ft
outriggers	O m									1 .	4.2	9.8	ACCRECATE ON A	11.61	000000000	170707373745	THEORYGON	8.5*	100050000	9000000000	00000000000	6,1*	2,1	4.4	3.2	CHESCOPHISHS	7.5 m
	Oft		-	-	-		•		-	-	Z 0600000000	21.6	100000000	ASSESSED BANK	SERVINE	200291109	280000000	18.7	Total Spice	9.9	SPANSON.	1 35255555555	4.6	9.7	#101000000	11.9	24.6 ft
	-1.5 m	ā					7.5	11.6	11.6	11.6	\$ 10000000000	9.7	eccentery	10.61	SISSORINGOR	6.2	INCOME AND ADDRESS.	appropriation and		4		ž.	2.3	5.0	3,6	popularion me	7.0 m
	-5 ft	FEEEE	- EXTENSE	1 303891211	-	-	\$ 41000 CONTRACTOR	a recommend	STATISTICS	25.6	\$ E2955488E	21.4	9900000000	Absorbable	200000000000000000000000000000000000000	13.7	NONE-02008	17.2*	-	-	-	-	5.1	11.0	7.9	13.4*	23.0 ft
	-3 m	•			-	-	7.7	11,0	11.0	11.0	4.2	8.3*	6.7	8.3*				ŭ.		-		-	2,9	5.5*	4.5	5.5*	6.0 m
	-10 ft	# X000000	-	-	-	-	17.0	24.3*	24.3	24.3	9.3	18.3*	14.8	18.3	-	-	-	-	-	-	-	-	6.4	12.11	9.9	12.1*	19.7 ft
	7.5 m	•		-	-	-	-	-		-	-	-	-	-	-		-	-		-	-	-	4.0	4,9*	4.9*	4.9*	5.4 m
	25 ft			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_		-	8.8	10.8	10.8*	10.8	17.7 ft
	6 m	•	-	-	-	-	-	-		-	-	-	7	-	3,4	6.7*	5.0	6.7*	-	-	-		2.8	4.4*	4.2	4.4*	6.7 m
	20 ft		-	-	-	_	-		-	-	_	-		-	7.5	14.8*	11.0	14.8*		-	_	-	6.2	9.7*	tarans-resum.	9.7*	22.0 ft
	4.5 m	•	-	-	-		-	-		-	5.2	8.2*	7.9	8,2*	3.4	6.8	5.0	7*	-	-	-		2,3	4.2*	1500200134	4.2*	7.4 m
	15 ft	<b>I</b>	-	•		···	-	-	-	es ormano	11.5	18.1*	PERSONAL PRINCIPLES	2000015000050	STREET WITH THE	15.0	10/19/10/19	ezzentaks	- Managas	-	-	-	5.1	9.3*	secondorina	9.3*	24.3 ft
Mono Boom: 5.0 m, 16'5"	3 m	•	-	-	•	-		•	ž		4.8	CHARLEST	SERVERUITO	10.01	22000000	4000000000	0000000000	7.7*	PRESENT.	8 9/20/20/20/20/20	620200000	S SECURE SERVICES	2,1	7253368058	3.1	None and a series	7.8 m
Dipper arm: 2.6 m, 8'6"	10 ft		-	-	-	-	. 6000000000	-	-	-	emsteetites	22.0*		-	WINDS NOT THE	ETHORESON STATE	TOTAL PROPERTY.	17.0*	accession and a	10.1	93723507993	a communication of	mitranean ANS	9.5*	6.8	50075037075	25.6 ft
Front and rear outriggers	1.5 m	•		-	-					-	A HOUSE STATE	21000000000	5900000000	structured	202200-555	(CDERTSCO	0.550.250.50.8	8.3*	Andrews	111/1/21/2019	\$000000000	342000003	2,0	9222222	2000000000	BURGEST STORY	7.9 m
ounggers	5 ft		- 20100100	-	- Leasement	-		-	-		THE STATE OF THE	22.3	minorana a	toractivistic	2000000000	200500500	100000000	18.3*	51001000000	9.9	SECRETARIES.	Name and A	4.4	9.3	\$4500 E5523	10.1*	25.9 ft
	0 m			•			5.9*	5.9	5,9	of resemble	S TERMONE	9.8	DESCRIPTION OF THE PARTY OF THE	11.61	4666669	-500000004	(2222200)	2000000000	18722-1979	1 530 005 705 73	RESYMMENT	6.4	2.0	4.3	3.1	Second	7.7 m
	Oft		-	- 17270100		-	Consessor a	4 100300000	escrettor.	13.0	s narowenians	reconsenses	OFFICE ON CO.	25.6*	soverence	13.7 6.2	estatements	18.7°	4.5	9.9	7.1	14.1*	4.4 2.2	9.5 <b>4.8</b>	3.4	11.2*	25.3 ft 7.1 m
	-1.5 m						R AND RESIDENCE	1 2000000000000000000000000000000000000	12052020	111.3 124.9	1 22/22/200	437202533	200520000	10.7	oppositions	13.7	4.3 9.5	17.4					90330434	10.6	E25000032	13.2	23.3 ft
	-5 ft			- 1000001			v www.	n encurement	-	1 24.9 1 1 1.5	T AND STREET	-	management.	reasonate at	projective (w	remembers res	conserve	ACMINDONO P					occurrence.	5.51	NUMBER ST	AND DESCRIPTION AND DESCRIPTIO	6.2 m
	-10 ft						1 68356383	\$ 2229 GETTERS	2000000	25.4	1.000000000	19.0	Makadalaran A.	TAXABLE PAR	Springers &	13.0	tossocies	13.0			-	-	2520000000	12.1	CONTRACTO	12.11	900000000000000000000000000000000000000
V	7.5 m	1 201912513					10.0	20.4	20.	20.4	3.0	13.0	14.0	10.0	0.4	10.0	0.7	10.0		-		_		4.1*	200	W-000000000	6.0 m
	25 ft		-	-		-	• 2000000 •	-	1988	-		10000001	-		550000000 		-	-	-	-	-	-	7.7	9.0	SERVINE	9.0	19.7 ft
	6 m						-				2				3.5	6.2*	5.1	6.2*			-		2.6	3.7*	3.71	3.7*	7.1 m
	20 ft	1 0115568 <b>II</b>	-	-	-	1935631	-		-	-	( SHEEDS	-		-	NUMBER OF STREET	13.7	2002000	5039550004		· tuntani	-	-	5.7	8.2*	8.2*	8.2	23.3 ft
	4.5 m	•		-			-	-	÷	1 -	5,3	7.3*	7.3*	7,31	3.4	6.6*	5.0	6.6*	2.3	4.7	3,4	5.2	2.1	3.6*	3.2	3.6"	7.8 m
	15 ft	# SAUTO-	-	-	-	~	-	-	-	-	11.7	16.11	16.1	16.1	7.5	14.6	11.0	14.6*	5.1	10.4	7.5	11.5*	4.6	7.91	7.1	7.9*	25.6 ft
Mono Boom: 5.0 m, 16'5"	3 m	•	-	-	-	-	-	-			4.9	9.4*	7.5	9,4*	3.2	6.6	4.8	7.4*	2.2	4.6	3.4	6.31	1.9	3.6*	2.9	3.6*	8.2 m
Dipper arm: 3.0 m, 9'10"	10 ft	=			-	-	-	-	-	-	10.8	20.7*	16.5	20.7	7.1	14.6	10.6	16.3*	4.9	10.1	7.5	13.9*	4.2	7.9*	6.4	7.9*	26.9 ft
Front and rear	1.5 m	•	-	-	-		-		1	-	4.4	10,1	7.0	11.0	3.0	6.4	4.6	8.1*	2.2	4.5	3.3	6,5*	1.8	3.8*	2.8	3.8*	8.3 m
outriggers	5 ft	Ħ	*	-	_	-		-		_	9.7	22.3	15.4	24.3*	6.6	14.1	10.1	17.9*	4.9	9.9	977027700	14.3*	4.0	8.4*	PM 100 PM 100	8.4*	27.2 ft
	0 m	•	÷	-	-	-	4 25 COLUMN 1	6.4*	2000000	6.4	\$ 25000A3000	9.8	120000000000000000000000000000000000000	11.6	200020000	0.0000000000000000000000000000000000000	155022253	200000000	674000000	I BENEZIO	STREET	6.5*	1.9	4.0	STATISTICS	182152524	8.1 m
	O ft	<b>E</b>	**********	e metacana	- 40000000000	12000000	a depleasable	a jernikoman	61005955	14.1	e postepaste	PROPERTY.	eterrannos	254/25/09/09	receivate exp	TERRESISTEN	- conversion	enangements.	distantive and	9.7	10000707070	A SEPARATENE	4.2	8.8	PERSONNER	9.3*	26.6 ft
	-1.5 m	8 (D)(S)(C)(2)	6.2	4 5000000000	1000XXXX	6.2	2 FRESTONES	8 (575-511)	8888.02	10.5	\$ \$250A300A	9.7	\$00.000000.000E	11.01	655505000	6.1	26202550	8.1*	Connecti	4,4	3.2	\$ 12/00/00/200E	2.0	4.4	promotors.	5'	7,6 m
	-5 ft	<b>II</b>	13.7	13.7	13.7	13.7	4 909409902502	e management	characte	*23.1	e constant	21.4	1000000000	504000000000	82558300	13.4	(EXCESSES)	17.9	4.4	9.7	7.1	12.6	4.4	9.7	Menter Trans	11.0	24.9 ft
	-3 m	•					£ <1000000000000000000000000000000000000	2 595212500	SERVER.	12.8	4 SHEETINGS	s summers and	SERVICE SERVICES	NEXTERNOR.	2.8	6.1	4.3	6.7					2.4	2000000000	3.8	000200033	6.7 m
	]-10 ft	-	-	-	~	-	16.5	28.2	28.2	2*28.2	9.0	20.5	14.6	20.5	0.2	13.4	9.5	14.8	-	-	-	-	5.3	11.7	ö.4	11.9	22.0 ft

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

Reach from machine centre (u = support up/d = support down)

						Reach fi	rom mach	ine cent								
	1 :6:	.]	1.5 m	1, 5 ft	3.0 m	, 10 ft	4.5 m	, 15 ft	6	i.O m,	20 ft	7.5	n, 25 ft	ļ	Max.	
	Lifting point	1	Across	Along	Across	Along	Across	Along		oss	Along	Across	Along	Across	Along UC	1.,
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		UC.	UC.	UC	UC.	UC	UC	U	_	UC	UC	UC		<del></del>	Max.
		9 50501013	u d	u   d	u d	u d	u d	u c	conta conservations	d en	u d	u d	lu d	u d 3.6 5.2°	u d 5.2 5.2	6.1 m
	7.5 m		*    *						HICK AND RESIDENCE	5.6*	5.3 5.6° 11,7 12.3	ināduā •		PSSESSIONS NIGHTING	' 11.5 11.5	d temperatures
	25 ft									6.31	5.4 6.3	NA PROPAGAGOSTA SOURCESTO		redecidente Potrocotto	3.9 4.8	7.3 m
	6 m	•	- 1 - 1						SECR TOTAL STATE	incommission of	11.9 13.9	the comment of the same of		SERVICE SCHOOL	8.6 10.6	a principalitation
	20 ft								over formunitable	babuphtoons r	5.2 6.7	W IDOSEDSINA RESORD	3.7 6.2*	изврияться специала	3.4 4.7	8.0 m
	4.5 m								lands episopopolica	enneroning (	11.5 14.8	A principle conservation	DE CONTROLLER PROPERTY	SYSTEMATICAL PROPERTY.	7,5 10.4	S REPOSEDERATE S
	15 ft 3 m						5.2 9.4	7.8 9.4	OWN RESIDENCE	contractors and	5.0 7.5	ne escaptocarea comporta	og taskravadag dalakkana	AND SERVICE AND SE	3.1 4.8	of the substrate of the
	10 ft						11.5 20.7	Continued agency	2224 (002504042)	Districtors:	11.0 16.5	its least-sections conventions	IN AND REPORTS AND PROPERTY.	E taleanancives accessorance	6.8 10.6	of Charleson Charleson
Mono Boom: 5.0 m, 16'5"	1.5 m	12 FOOTSTEEL					ASSESSMENT ASSESSMENT AND ASSESSMENT AND ASSESSMENT ASS	7,3 11	sons estenessorada	52554SW004.1	4.8 8.3	na responsantent versicalió	NA WATERWAYDERSON FRANCISCO	SANSTERNANT MARKETERS	3.0 5.1	8.4 m
Grab arm: 3.2 m, 10'6" Front and rear	5 ft	1 20000					S ARTHUR SELECTION OF SELECTION OF SE	16.1 24	SON MATTERIA	Value of the same	SECTION DONSES	• 5.3 10.	SS 1074/ESSING 15 1540/GGT-KON	RESERVED DESCRIPTIONS	6.6 11.2	3 Amendmental
outriggers	0 m						CONTRACTOR PROPERTY	7.0 11.	STR STORY WORD	AND DOUGHOUSE A	PERSONAL PROPERTY.	2.3 4.7	na vocanement récombosit	ACCORDANGE SECURIORS	3.0 5.6	8.2 m
	O ft							15.4 26	266 5/5/2/25	Contraction :	10.1 19.2	2. Exchinence of commons	SE TRUSCOSTANCE HINGUISCOST	A STATE OF STREET	6.6 12.3	N KOOMANANTOOD
	-1.5 m		6,4* 6.4*	6.4' 6.4'	7.7 10.9	10.9110.9	SHOOMSHIP TO THE STREET	6.8 11	SOURCES HERROCESS BARRIS	THE RESIDENCE OF	4.6 8.5	RE RESERVED NO PROPERTY	ов кинявательна ваменамии во	supremoted statement	3.3 6*	7,7 m
	-5 ft		Leadurable constitution	Processing Streetship	17.0 24.0	NUMBER OF STREET	produced assessed	Sildianoch men	2024 (2020)-01004	CENTRAL STREET	10.1 18.7	OF THE BUILDINGS OF THE PARTY O	7.5 14.1	4.9 9.9	7.3 13.2	· 25.3 ft
	-3 m	Ē			N EVENTORISM PERMISSIONERS	ramoussani/W salinitossissis	4.4 9.9	MARKSHOOT RUNCH	nere exercises	Andrew Parkers	4.6 7.2	na constricted trickinging		2.6 5.3	3.9 5.8	6.8 m
	-10 ft	& SERVICE					9.7 21.8	2040E000\$ 40020	STATE ASSESSMENT OF THE PERSON OF	SCHOOLSE .	10.1 15.9			5.7 11.7	8.6 12.8	· 22.3 ft
	-4.5 m	32 piestists					4.5 6.6*	SECTION STATE SERVICES	222 2504573		2   -			3.6 5.0	5.0* 5.0*	5.3 m
	-15 ft	A concent					A DOMESTIC ADDRESS OF	14.6'14	6' -	-				7.9 11.0	11.0111.0	¹ 17.4 ft
	9 m					+ -		-   -	-	-			T - 1 -	7.7* 7.7*	7.71 7.71	3.5 m
	30 ft	a maren		- +					-	*				17.0 17.0	17.0*17.0	11.5 ft
	7.5 m	A ARCHIO					5.6 6.9	6.9* 6.5	)' -	-				3.6 5.4*	5.4 5.4	5.8 m
	25 ft	N PASTICE					12.3 15.2	15.2*15	2	-				7.9 11.9	11.9 11.9	* 19.0 ft
	6 m						5.5 7.1	7.117.	3.5	6.4*	5.1 6.4			2.6 4.8*	3.9 4.8	7.0 m
	20 ft	<b>=</b>					12.1 15.7	15.7*15	7. 7.7	14.1	11.2 14.1	•		5.7 10.6	8.6 10.6	* 23.0 ft
0 ' D E 47 171111	4.5 m						5.2 8.2*	7.9 8.	2' 3.4	6.8*	5.0 6.8	2.3 4.8	3.5 6.1*	2.2 4.5	3.3 4.5	7.7 m
2-piece Boom: 5.47 m, 17'11" Dipper Am: 2.45 m, 8'0"	15 ft	# enough					11.5 18.1	17.4 18	1* 7.5	15.0*	11.0 15.0	5.1 10.	3 7.7 13.4	4.9 9.9*	7.3 9.9	25.3 ft
Front and rear	3 m	•				-	4.7 10*	7.4 10	3.2	6,7	4.8 7.5	2.2 4.7	3.4 6.3*	2.0 4.2	3,0 4,5	8,1 m
outriggers	10 ft						10.4 22.0	16.3 22	0° 7.1	14.8	10.6 16.5	4.9 10.	4 7.5 13.9	4.4 9.3	6.6 9.9	26.6 ft
	1,5 m			-   -	-   -	-	4.3 10.1	6.9 11	21 3.0	6.4	4.6 8.1	2.2 4.6	RESTANDANT COMMONS	8 AND DESCRIPTION AND PROPERTY.	e consenses manners	di Paristanian de Santa de Caracteria de Car
	5 ft						9.5 22.3	15.2 24	7* 6.6	14.1	10.1 17.9	era comunicación comunicación	en announced a continuent	s parazmiarone commediale	6.4 10.1	AN PROPERTY AND A PROPERTY AND
	0 m	•		-   -		-   -	4.1 9.9	6,7 11	41 2.8	6.3	FREEZERSS CREEKES	LA CLUMBING COMMO	THE RESIDENCE PROPERTY.	S PERSONAL PROPERTY.	9 SENSONES DANSING	7,9 m
	0 ft	=					9.0 21.8	14.8 25	1' 6.2	13.9	9.7 18.3	DE ANNOUNCE CONTROL	7.1 14.1	a physicistrem accommodition	6.6 11.0	A CONTRACTOR TO STATE OF THE ST
,	-1.5 m	1 •					4.1 9.8	6.6 10	ESSE TREASURED	6.2	4.4 7.9	DE EDGESSON GOODS		A DECEMBER ADDRESS OF	3,3 5.7	38 continues convers
	-5 ft						9.0 21.6	14.6 23	4* 6.2	13.7	9.7 17.4	or recollected designs		4.6 10.1	a consection of a property	
	9 m	•		-   -			1 7 1 5				- 1 -	1 - 1 -	1 - 1 -	6.8 7.0	2 December Minner	DR DOMESTICKERS
	30 ft	<b>II</b>	w -					· · ·	-					a respectation presentation	° 15.4° 15.4	C2 4/21/20/07/07/07/07/05/26
	7.5 m	•				- 1 -		6.6* 6.		-			1 7 1 7	\$ SUBSECTIONS SECTIONS	5.1" 5.1	22 112/2/2012/2012/2012
	25 ft		w ownerstate Antonomical		a sociolosia businasi		a statement rate annual trans-	14.6114	DOWN HOUSE HAVE	-				w consideration operations of	11.211.2	SERVICE CONTRACTOR AND ADDRESS OF THE
	6 m	•		-   -		-   -	a operation received	A SELECTION HOUSE	most processors	R Electricities (A	5,2 6.3	FOR REPORTED BY SHEEPING	1.51.5	a despitated biscourse	3.8 4.5	\$3 townshorzaness
	20 ft	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					12.1 15.2	a merchéburion dissor	DESCRIPTION OF THE PROPERTY OF	# 200400000000	11.5 13.9	ne manadana tanasa		5.5 9.9*	w recommenda promiesto	23.3 ft
2-piece Boom: 5.47 m, 17'11"	4.5 m	Ce manage	- 1			-   -	5.2 8.0		222 2021012	6.7*	5.0 6.7	OR STORESBOOK STEERES	and representative sources to	2.1 4.3	I DESCRIPTION STREET	22 HISTORY CONTRACTOR
Dipper arm: 2.6 m, 8'6"	15 ft	- 10 (10 (10 (10 (10 (10 (10 (10 (10 (10					11.5 17.6	а зовеодорски марай	period Elektricischeris	a successione	11.0 14.8	NA REPORTED AND ADDRESS AND	um destroidant emissions	S SECURESCA SPECIFICA	7.1 9.5	ES ISSUSSERVICIONS
Front and rear	3 m	•		-   -			# spickedant comment	e energenenna annon	2234 228022689	\$ 000000000000	4.8 7.4	NU CONTRACT PROPERTY	Set programmed approximation	1.9 4.1	ia sconcreta estessos	Lik Honzandennikova
outriggers	10 ft	ex terence					10.4 21.6	R PERFECTIONS VESSE	PARTON SERVICE	S SESSIONER	10.6 16.3	ON ROMANDIAN STANCE	TO A TOTAL PROPERTY OF THE STATE OF	4.2 9.0	6.4 9.3	POTENCIA CONTRACTOR CONTRACTOR
	1.5 m	•		-   -	-   -	- 1 -	d otherses emission	6.9 11	SIZS WAILTERN	6.4	POSSESSED REGISTERS	TIC PERSONAL PRINCES.	3.3 6.5	a tomasare or november	ST STREET RESIDENCE	
	5 ft	<b>II</b>	· · ·				a representatives verdestative	15.2 24	OSTE TERENISSE	a exertizorea	10.1 17.6	NS SERVENCES STREET	nesk telephotoprome populationals	a someonesia sebilikino	a securiore estados	DA CONTRACTOR STATE
	0 m	•	1 - 1 -	-   -	1 - 1 -		4.1 9.9	A SERVICION COMO	STATE STATES	a samonomy	4.4 8.3	SIR SEEDISTICS CALVED	THE STREET, SHIPPING AND PROPERTY OF	a Militaria increudo	of pressures a computer	SE TERRORISON DE
	O ft						SE STANDARDO METAGOS DE	14.8 25	PRINT SECURIORIS	13.9	9.7 18.3	POR ORDERSPERIOR REPORTED	DE REPUBLISHER EVERTAGE	of experience are experience	er concessors recovers	на компаниятельной
	1.5 n	AT HUNSTIN					4.0 9.8	Statement was	RENA GRANMAN	\$ (20)221125	4.4 7.9	tod storocountry represen	DIDR ADMINISTRATION CONTRACTORS	of state American	A respectable transfer	mat recommendation in
	5 ft						8.8 21.6	14.6 23	.o 6.2	13./	9.7 17.4	4.6 9.9	1.1 12.6	4.4 9.9	7.1 11.8	24.91

# **Specifications EW180E**

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity arther than tipping load.

Reach from machine centre (u = support up/d = support down)

		Т				Reach fr	om mach	ine centre	(u =	suppo	rt up/d =	= support	down)			
	l itim-		1.5 m	1, 5 ft	3.0 m	, 10 ft	4.5 m	, 15 ft	6.	.0 m, :	20 ft	7.5 m	, 25 ft		Max.	
	Lifting point		Across UC	Along UC	Across UC	Along UC	Across UC	Along UC	Acro U(		Along UC	Across UC	Along UC	Across UC	Along UC	Max.
			u d	u d	u d	u d	u d	u d	u	d	u d	u d	u d	u d	u d	
	7.5 m	•		-	-   -			7 .	3,5	SCHOOL SEC	5.2 5.8			3.0 4.2	4.2' 4.2'	6,5 m
	25 ft	<b>=</b>							t Anne Retailer v	NAMES AND ADDRESS OF THE	1.5 12.8*			6.6 9.3*	9.3, 9.3,	21.3 ft
	6 m	•				-   -	5,6 5,8*	5.8' 5.8'	a conscious s	Wearening 2000	5.2 5.81	Antibodorea controverso	3.5 4.4*	2.3 3.8*	3.4   3.8*	7.6 m
	20 ft	E SOUSSEE					successes duringer	12.8*12.8	* GOVERNMENTON H	URCHONINAM AGIST	1.5 12.8*	portoreRobust March 855564	7.7 9.7	5.1 8.4*	7.5 8.4*	24.9 ft
	4.5 m	•			5.8' 5.8'	200309204 3327093278	MERCHANIST REPORTED	6.8' 6.8'	4 2003B319M N	Messenne Me	9.25 killing procession reco	TOOMSHORE ERABERS	E CONCRETENT PRESENTATION	Lindensidine economicano	3.0 3.6*	8.3 m
	15 ft	E contentión			12.8*12.8*	12.8' 12.8'	www.comingry.com.com	C INCOMPRESE WATERWAY	s removables of the	special page of the	1.2 13.9	emonapaigns president	remember altraceletes	converse measures	6.6 7.9° 2.7 3.6°	27.2 ft
	3 m						4.8 9.2	7.5 9.2	F TOTAL STREET	concentrates cons	1.8 7.1*	2.2 4.7 4.9 10.4	3.4 6.0° 7.5 13.2°	PRODUCED SERVICE	6.0 7.9	8.6 m 28.2 ft
2-piece Boom: 5.47 m, 17'11"	10 ft						PRESIDENTE ENGLISSES	16.5 20.3	v seekkeekeek	DOMESTICATED DESCRIPTION	0.6 15.7°	CONSTRUCTE EXCEPTIONS	3.3 6.3	1,7 3.7	2.6 3.7	8.7 m
Dipper Arm: 3.0 m, 9'10" Front and rear	1.5 m						SERVICE STREET	7.0 10.8 15.4 23.8	A SPECIAL SPEC	PERSONAL CANA	1.6 7.8° 0.1 17.2°	CONTRACTOR STATES	7.3 13.9	SECRETARY MADE AND ADDRESS OF	5.7 8.2	28.5 ft
outriggers	5 ft 0 m						management best design	6.7 11.4	e episopolitare s	on-memorana mon	могоора регентациям	conditionable Victorians	ACCOMPANION DISTRIBUTION	posteriora percenta	2.7 4.0	8.5 m
	Oft						9.0 21.8	SCHOOLSES HOSPINGER	A SUSCIONARIO D	SHEET STREET	9.7 18.1	DESCRIPTION REPORTS	7.1 14.1	3.7 8.4	6.0 8.8	27.9 ft
	-1.5 m				7.3' 7.6'	7.6' 7.6'	4.0 9.8	6.6 10.9	s santonerhedos s	homoutt (Ric	1.3 8.0	2.0 4.5	3.2 6.1	1.9 4.1	2.9 4.5*	8.0 m
	-5 ft				16.1*16.8*	Industries promptions	CONTRACTOR ADMINISTRA	14.6 24.0	e compositions r	SUPPLIES AND	9.5 17.6	statements a management	7.1 13.4	SOURCE BERNOOM	6.4 9.9*	26.2 ft
	-3 m		- 1		10,1 10,0	10.0 10.0	CONTRACTOR REPORTED	6.6 9.5	e ichnigosucio v	eromaneur eon	1.3 7.0		- 1 -	WASHINGTON CONTRACTORS	3.7 5.8	6.7 m
	-10 ft	1 600000					8.8 20.9	A MONTH AND AND ADDRESS OF	4 2250000000000 h	STREET, SEC.	9.5 15.4°			5.3 11.5	GREEKERS PERMENANTA	50000000000000000000000000000000000000
	9 m	ū					HOUSENING CONTRICTED	6.9* 6.9*		CHESTATURE ASSE			-   -	PRODUCTOR CHESTORICS	6.5' 6.5'	4.9 m
	30 ft						WESTERNA DESTRUCTO	15.2*15.2	-					11.0 14.3	14.3' 14.3'	16.1 ft
	7.5 m	•		-   -	- 1 - 1	-   -	1 1 2	10	3,8	6.0° E	5.5 6.0			3.1 5.3*	4.5 5.3	6.7 m
	25 ft	8 06259900 							8.4	13.2* 1	2.1 13.2*			6.8 11.7	9.9 11.7	22.0 ft
	6 m	•	-   -	- 1 -					3.8	5.9° E	5.5 5.9	2.6 5.1	3.8 5.8'	2.5 4.8	3.6 4.9*	7.8 m
	20 ft								8.4	13.0° 1	2.1 13.0	5.7 11.2	8.4 12.8	5.5 10.6	7.9 10.8	25.6 ft
	4.5 m	•					5.6 6.6*	6.6* 6.6*	3.7	6.41 5	5.3 6.4*	2.6 5.1	3.8 5.9*	2.1 4.2	3.1 4.7*	8.4 m
	15 ft						12.3 14.6	14.6*14.6	8.2	14.1* 1	1.7 14.1	5.7 11.2	8.4 13.0	4.6 9.3	6.8 10.4*	27.6 ft
2-piece Boom; 5.47 m, 17'11"	3 m	•		-   -			5.1 9.3	7.8 9.3*	3,4	7.0 , E	5.1 7.2	2.5 5.0	3.7 6.2	2.0 3.9	2.9 4.7*	8,8 m
Grab arm: 3.2 m, 10'6"	10 ft	H					11.2 20.5	17.2 20.5	7.5	15.4 1	1.2 15.9*	5.5 11.0	8.2 13.7	4.4 8.6	6.4 10.4	- SURPRIMENSIA SINGA
Front and rear	1.5 m	•	7			-   -			123120000000000000000000000000000000000	\$200 STATE CASE	1.8 8'	STREET, STREET,	s recessions revestores	STATISTICS ADDRESSED	reconnect messening	8.8 m
outriggers	5ft	M N CHARLES		Endemonds Endemond		ecucioscopia conoccenta			a contractor of	SUPPRINCIPAL YORK	0.6 17.6*	NEWSZONEK CZWIZZENIO		and the same of the same of the last of th	6.2 10.8*	P020536400590600168
	0 m	٠		-   -			4.4 10.2	S RESIDENCE AND CONTRACT	a constant of t	SECULAR SEC	STATE PERSONA	2.3 4.8	FROM DESCRIPTION OF THE PROPERTY OF	E PERSONALISMAN EXPONENCE DES	2.8 5.3'	8.6 m
	Oft	<b>=</b>					9.7 22.5	E ASSESSMENT MANAGEMENTS	a scolections of	Andrewson and	enecular recommons	5.1 10.6	ENGINEER STREET	E SUPERIORE DE CONTROLES	6.2 11.7	arristatings/statistics
	-1.5 m	4 135556	7   7		7.6 7.9	7.9' 7.9'	4.3 10.0	E STEERSTERM DOTTERSON	S SERVICE SERVICE S	PROGRAMMEN STATE	1.6 8.4*	beningstern mentione	3.4 6.5*	PERMIT	3.1 5.6'	8.1 m
	-5 ft	<b>II</b>			16.8 17.4	17.4, 17.4,	revenuentat errestidate	15.0 25.1	· commonstra c	ASSESSMENT OF A SPACE	0.1 18.5*	4.9 10.4	7.5 14.3	constitue cantilog	6.8 12.3	50000000000000000000000000000000000000
	-3 m	2 (333)00/2		7   7			SOURCES EXCLUSION	6.9 10.1	e consissions e	ENGLISHED TOO	1.6 7.5*			s continued attachment	3.7 5.8*	7.1 m
	-10 ft	0.000000					9.5 22.3	15.2 22.3	6.6	14.1 1	0.1 16.5*			5.3 11.2 7.7° 7.7°	8.2 12.8°	200000000000000000000000000000000000000
	9 m	•	-   -											CONTRACTOR STATES	17.0 17.0	(carry and come)
	30 ft 7.5 m	3 0000000				_   .	5.5 6.9	6.91 6.91		- 1				A MANAGEMENT AND A SERVICE	5.4' 5.4'	5.8 m
	25 ft						DESIGNATION OF SECURE ASSESSED.	15.2 15.2						sometimes parameters	11.9.11.9	NAME OF TAXABLE PARTY.
	6 m						SERVICE AND ENDINESSES	7.1* 7.1*	34	5.7	5.2 6.4			STATEMENT PROGRESSES	4.0 4.8	7,0 m
	20 ft						department production	15.715.7	a understance of	accessors that	1.5 14.1			5.7 9.7	8.8 10.6	Control Control
	4.5 m	S CHARLES	-   -	- 1 -			сминачина (протили	8.0 8.2	e recommendados o	moreness me	5.1 6.81	2.3 3.9	3.5 6.1	DESCRIPTION OF POWER PROPERTY.	3.4 4.5*	7.7 m
2-piece Boom: 5.47 m, 17'11" Dipper Am: 2.45 m, 8'0"	15 ft						CONTRACTOR SOCIONO	17.6 18.1	8 1010030032 0	SECURE SEC	1.2 15.0*	SERVINE TERRORS	7.7 13.4	AND STREET, ST	7.5 9.9°	25.3 ft
Front dozer blade	3 m			2   2		-   -	10000000000000000000000000000000000000	7.4 10.0	a polosopiskog b	moreomobile stell-	1.8 7.5	KNEEDSTAT TERRORISES	3.4 6.3	198898889 (19888888)	3.0 4.5*	8.1 m
Rear outriggers	10 ft	unders			# Decores & Alexand	Section features	someone positions	16.3 22.0	A DESCRIPTION OF A	11.7 1	0.6 16.5	4.9 8.4	7.5 13.9	4.2 7.5	6.6 9.9	26.6 ft
	1,5 m	a esarcasa	-   -	-   -		-   -	4.2 7,8	7.0 11.2	2.9	5.1 4	1.6 8.11	2.1 3.7	3.3 6.5*	DESCRIPTION PROPERTY.	3.0 4.6*	8.2 m
	5 ft	(***********************************	· · · · · · · · · · · · · · · · · · ·				9.3 17.2	15.4 24.7	6.4	11.2 1	0.1 17.9	4.6 8.2	7.3 14.3	4.0 7.3	6.6 10.1	26.9 ft
	0 m	•		-   -			4.0 7.6	6.8 11.4	2.8	5.0	1.5 8.3*	2.0 3.6	3.3 6.4*	1.9 3.4	3.0 5.0	7.9 m
	O ft	-	* *				8.8 16.8	15.0 25.1	6.2	11.0 9	9.9 18.3	4.4 7.9	7.3 14.1	4.2 7.5	6.6 11.0	25.9 ft
	-1.5 m	•			1	-   -	4.0 7.5	6.7 10.6	2.7	4.9	1.4 7.9*	1		2.1 3.7	3.3 5.7	7,4 m
	-5 ft	-					8.8 16.5	14.8 23.4	6.0	10.8	9.7 17.4°			4.6 8.2	7.3 12.6	24.3 ft
	-															

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity trather than tipping load.

						Reach for	rom mach					= suppo	rt down)			
	1 :6:		1.5 n	n, 5 ft	3.0 m	<u></u>	4.5 n	1, 15 ft		6.0 n	1, 20 ft		m, 25 ft	<del>   </del>	Max.	T
	Lifting point		Across	Along	Across UC	Along UC	Across UC	Alor		Across	Along	Acros	Along UC	Across UC	Along	Max.
	ľ		UC UC	u d	u d	u d	u d	u l		n q	u d	lu c			u d	- IVIAX.
	9 m		u d					- 1	- 1					6.8 7.0	or analysis of the complete	3,9 m
	30 ft							d liberated be					* -	15.0 15.4	15.415.4	1 12.8 ft
	7.5 m	N CONCERNS		-   -			5.6 6.6	6.61	6.6°					3,4 5.1*	5.1* 5.1	6.0 m
	25 ft	S terrore					12.3 14.6	14.61	4.6*					7.5 11.2	11.2111.2	2* 19.7 ft
	6 m	•					5.5 6.9	6.9	3.9 <b>*</b> 3	3.4 5.7	5.2 6.3	'	- -	2.5 4.2	of statement execution	68) matatagasana
	20 ft	×					12.1 15.2	15.21	sonwickener Filoti	7.5 12.6	A HOLDHANGER SPRANK	ena montenana anton		5.5 9.3	or associately supplies	ous and many extension
2-piece Boom: 5.47 m, 17'11"	4.5 m	•			-   -		5.2 8.0	S ASSESSMENT III	OSSESSED SEC	3.3 5.6	S EUCHARISM ANDERS	THE PROPERTY SHAPE	NAME AND ADDRESS OF THE PERSON	data repairment talender	AT DESCRIPTION OF DESCRIPTION	EST SECURISION OF
Dipper Arm: 2.6 m, 8'6"	15 ft	T entreend			a managanan amaganan	novaceka rodulaka	11.5 17.6	er sensanestavit be	PERSONAL PROPERTY.	ovomma xanticabid	11.2 14.	NAME AND ADDRESS OF ADDRESS OF ADDRESS OF	CORRESPONDED PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY ADDRESS OF THE PARTY ADDRESS OF THE PARTY ADDRESS OF THE PARTY ADDRES	SANCE CONTRIBUTION BURNISHS	ns exercises societado	84 PMSK49500000
Front dozer blade Rear outriggers	3 m	•	7   7		-   -		4.7 8.3	al tensormous so	1935799 60	3.1 5.3	6 HERSTONE SOUTH	CST GROSSPAN GRAN	ACCUS DED SOCIOLOS SERVIDOS	WHERE AND REAL PROPERTY.	NA RESOURCES STOWNERS	nes discussiones de
Real outniggers	10 ft	OR STREET, SO					10.4 18.3	a verteratoriona co	ASSESSED ASSESSED	constitute assessment	10.6 16.	PARK STRANSFERRES SERVE	ness estratutation appeal	SHOPE PROPERTY PRODUCTS	NA COMPRESSOR ESSENTIS	oog openskrivastrocke
	1.5 m		71.7				9.3 17.5	7.0 1 15.4 2	SECTION SEED	2.9 5.1	4.6 8.0 10.1 17.	DOM SERVED TO SERVED	stury embhasines expen	SAME NEEDS AND ASSESSMENT	St Edmonages statement	
	5 ft				 I		e pozovedenie establishi	6.8 1	CHYDRIAN 1995	описка поколька		may respected block	COURT STREET, STATE STATE	oners becombined report and	DA CONVENIENCE ESCOPECE	PART THE TAXABLE PROPERTY.
	0 m						f yourseness community	15.0 2	2125224 700			ROOM PROPERTY AND ADDRESS.	USST USSTANDED OF SPEN	Owen recognized mountain		202 (2020)2000
	-1.5 m						4.0 7.5	ue pressoonshië fel	CONTRACTOR	2.7 4,9	a mornance estima	ROSE TRANSPORTER SPECIES	6 3,3 5.	eurona pour trocutora resultiratific	3.2 5,4	• 7.6 m
	-5 ft						8.8 16.5	W accounter; 23	(0.000,000 to 0.000)	3.0 10.8	SET THE PROPERTY OF THE PARTY OF	PER SHIDNESSA HARRA	9 7.3 12	.6° 4.4 7.9	7.1 11.9	9° 24.9 ft
	9 m						5.4 6.1	6.1*	6.1*		-   -	-		5.0 5.4	5,4' 5,4	* 4.7 m
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	7.5 m	ı •				-   -			- (	3,5 5.8	5.3 5.8	r	.   -   .	3,0 4.2	98 stemporms common	and transferensessors
	25 ft									7.7 12.8	ok danskonner izmins	NATE ASSESSMENT REPORT		mena essentiativos proteintr	. 9.3. 9.3	neg ramittelikkiERSRA
	6 m	•	-  -			-   -	5.6 5.8	St distracted to	INCOMES NO	3.5 5.8	or measurement return	STATE SECURITIONS SHOWS	NAMES OF STREET, STREE	NUMBER EXISTINGS SECURISED	201 (ASSESSMENT ENVIRON	NOS HOLDOSKICZNICOS
	20 ft						12.3 12.8	or exponential e	ORGANISM PER	promone edated an	3 11.7 12	COM STREET, ST	second premionstrates stated	TOTAL DEPLOYED AND VENEZUE	er skolestore kontak	HAM DANKERSTRAND
	4.5 m	an eventure	-   -		5,8" 5,8"	A CHESCHOOL SECRETOR	is commission accessor.	NA DENSEREE N	220230000x 5x0	3.4 5.6	of economies some	COS CONTRACTOR STREET	20029 Discussion and America	Library Contraction Contraction	109 Altonomic version	25\$ 8900000000000000
2-piece Boom: 5.47 m, 17'11'	15 ft	10 6558055			12.8*12.8	12.8*12.8	NA CASTRACTURE STATEMENTS SE	na especialistica el	RESIDENCE FOR	THE PARTY SPECIAL PROPERTY.	11.2 13	PRODUCTION AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF	6 7.9 12 <b>8 3.4 6</b> .	a laurea sanceareaceana escolatarea	THE DESCRIPTION AND PROPERTY.	WAS REPORTED TO THE
Dipper Arm: 3.0 m, 9'10"	3 m						4.8 8.4	SE CHARGE IN	900000000 VO	ZOSZDAR pópszobere	4.9 7. 3 10.8 15	DESIGNATION OF STREET	SERB PERMISSING BROOM	SOUTH RECESSOR IN THE SAME OF	HE WASHING ABBROOM	total engagement menter
Front dozer blade Rear outriggers	10 ft	13 035000					10.6 18. 4.3 7.9	16.8 2	0.8	CONTRACT CONTRACTOR	4.6 7.4	NO PROPERTY AND	7 3.3 6.	unused someoneering moderate	nes committenes according	treatments and
roa oanggara	1.5 m	1 •					S COMMONS RESIDEN	1 15.4 5	CONTRACTOR OF	CONTRACT SERVICE	2 10.1 17	Day woodpoint over	Relica Labilitation prima	DESCRIPTION OF STREET	DI ISSUESEDE MANUA	SER SECURITARIO
	0 m					15 2 15 2	4.0 7.6	ne outperson to	1,41	connector secondario	en enamentos essos	over comidatold lands	6 3.2 6	PRODUCE PROSPERSORS CONFIDENCE	ous reconstruction desiration	rest assistances related
	O ft						eg processor bearing	3 14.8 2	NAME AND ADDRESS OF	DESCRIPTION OF STREET	SE PRESENTAN MASSA	SES REGISSION MADE	SCOR CHARLES SANS	AND PARTY CONTRACTOR CONTRACTOR	6.0 8.8	3° 27.9 ft
	-1.5 n		17 2 1 2		7.1* 7.6*	7.6' 7.6'	3.9 7.4	nos veniconeren e	0.9	PROGRAM AND	SIGN ANTENNATURE SASTERO	cose presentante etter	5 3,2 6	.1 1.8 3.3	3.0 4.5	i* 8.0 m
	-5 ft	out features			OF BUILDINGS CHARGE	16.816.8	* 8.6 16.	3 14.6 2	24.0°	6.0 10.6	9.7 17	6° 4.4 7	7.1 13	3.4 4.0 7.3	6.6 9.9	9° 26.2 ft
	-3 m	en energi					4.0 7.5	6.7	9,5*	2.7 4.9	4.4 7.	)• -		- 2.3 4.2	3.8 5.8	
	-10 f	t <b>=</b>					8.8 16.	14.8	20.9*	6.0 10.8	3 9.7 15	4* -		- 5.1 9.3	THE STREET, SAN THANKS	CONTRACTOR CONTRACTOR
	9 m				-   -		5.7 6.9	6.9	6.9		-   -	1 -		- 4.9 6.5	HIS SHIPMINGS PRODUCT	SEE SERVICES HEE
	30 ft	san marron		ra supoposativo construiro	er -		12.6 15.5	2*15.2*	CONTRACTOR DO		 Dia reconstruction and all			POSISTRA ERROPARAGONE CARROLOS	3'14.3'14.	NAME AND ADDRESS OF THE
	7,5 n				-   -				SERVICE RO	3.8 6'	5.5 6.	SSS SEEDS SEEDS		- 3.1 5.0	THE SECTION OF STREET	THE GROUNDSPENSOR
	25 ft	ES 1513 ESS							essessiones be	8.4 13.2	NE DOMESTICA PERSON	ners remerators bisks	 	- 6.8 11.4 <b>8* 2.4 4.</b> 0	ana acamatanana membab	965X -99688955000655
	6 m	loss sections		-   -	7 . 7	1 - 1 -			80(68333 <b>8</b> 17	3.8 5.9	* 5.5 5. )* 12.1 13	Stars successions such	SCOUR PERSONNELS FISHER	.8 2.4 4.0 2.8 5.3 8.8	SING RECOVERAGE CONSTR	State Commissions
	20 ft	es suses					5.5 6.6	· 6.6°	PROVIDENCE NO	8,4 13.0 3,6 5.9	DIN ENGINEERING BEAUT	users materialism being	.2 3.8 5	despite evitresserie systems	UNIA STREETSCHAF STAFFE	nets oregonerates
	4.5 n	DM WINGS					12.1 14.	en bestern	SERVICE IN	CONTRACTOR SECTIONS	0.4 0. 0 11.9 14	STATE ACCORDANCE MAN	Bezera essentantana avez	3.0° 4.6 7.5	201 73122223 S216W	1994 gramacionnazio
2-piece Boom: 5.47 m, 17'11	15 ft 3 m	na esses			1 2 1 2		5.1 8.8	ore proposession	ensomment es	3.4 5.6	na populationa popu	ROUG ENTREPRISED AND A	number of statement of the second	.2' 1.9 3.2	NOS SIANIMOTERS ESVERS	cover revised aleks (22)
Grab arm: 3.2 m, 10'6" Front dozer blade	3 m	mag comme		a sanai 570 	es Castall (1972) 	a sarran fisan	11.2 19.	123 122 22 22 23 23 2	antenna co	SEASON AND SEC	3 11.5 15	FRIEND HATTERNAMENTS REEN	supepa necessariona man	3.7° 4.2 7.1	SOUR DESIGNATION NOT NOT HOST	COS OPPOSITORS
Rear outriggers	1.5 n	088 SSB(SE	1 - 1 -	-   -				I I		mentiment secretary	4.9 8	SUSS EXPERIENCE WES	mente distributed access	.6* 1.8 3.1	1 2.8 4.9	9° 8.8 m
	5 ft	COST SANDONE				e estensi (nest)	un domination States				9 10.8 17	ROND MANUAL STREET	.6 7.9 14	4.6° 4.0 6.8	3 6.2 10.	.8° 28.9 f
	0 m	ESTANTAGE					4.3 7.9	7,1	11.71	3.0 5.2	4.7 8.	5* 2.3 3	.8 3.5 6	Chibana Internation or many	VARIATION CONTRACTOR	STEAM AND AND AND AND AND
	O ft	962 95550	az omegatotés descéllo 		- comments stresses		9.5 17.	4 15.7	25.8	6.6 11.	5 10.4 18	noncos continuentes etron	.4 7.7 14	SCHOOL RESPONSE ASSESSED	spek rendanson rassin	orea esserentesconia
	·1.5 r	m •			7.4 7.9	7.9* 7.9	108 сравремое весего	SIDM RONDONNAME	11.41	Anobros America	SER REPORTED CONT.	SECTION STATE	.8 3.4 6	response to constituting to come	alidis recognizate account	STORY CHILDREN CONTROL
	-5 ft				16.3 17.4	17.417.4	una encocamente destablic	0 15.2	esitteseining ti	SPACES PRODUCE	2 10.1 18	mana percepusat pas	3,4 7.5 1	1.3 4.4 7.5	uning samelektoteke (Skitter	aven releasastasias
	-3 m	•			1 -		4.2 7.	and contractors a	Systeman in	2.9 5.1	and deposit and the con-	STATES TO THOSE SPECIES ASSESSED.	-   -	- 2.4 4.	SSS characters needs	SIGHT ENGINEERING
	-10 f	t =					9.3 17	2 15.4	22.3*	6.4 11.	2 10.1 16	.5* -		- 5.3 9.0	8.2 12	.8° 23.3 f

# **Specifications EW180E**

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / m 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by starting the property rather than floring lead. machine's hydraulic lifting capacity rather than tipping load. Reach from machine centre (u = support up/d = support down) Max. 1.5 m. 5 ft 3.0 m, 10 ft 4.5 m, 15 ft 6.0 m, 20 ft Lifting Along UC Across Along Along Across Along Across Along Across Across Мах. UC UC UC u d u d u d u d u d u d u d 7.5 8.6 11.9 11.9\* 6 m • - - - - 5.2 5.9 7.1 7.1 3.2 3.7 5.1 6.4 - - - 2.4 2.8 3.9 4.8 7.0 m 20 ft ■ - - - - - - 11.5 13.0 15.7° 15.7° 7.1 8.2 11.2 14.1° -4.5 m • - - - - - - - 4.9 5.5 7.9 8.2 3.1 3.5 5.0 6.8 2.1 2.4 3.4 5.4 2.0 2.3 3.3 4.5 7.7 m 15 ft **w** - - - - - - 10.8 12.1 17.4 18.1 6.8 7.7 11.0 15.0 4.6 5.3 7.5 11.9 4.4 5.1 7.3 9.9 25.3 ft 3 m • - - - - - - - - - - - 4.4 5.0 7.3 10 2.9 3.3 4.8 7.5 2.1 2.4 3.4 5.4 1.8 2.1 3.0 4.5 8.1 m 2-piece Boom: 5.47 m, 17'11' Dipper Arm: 2.45 m, 8'0" 9.7 11.0 16.1 22.0° 6.4 7.3 10.6 16.5° 4.6 5.3 7.5 11.9 4.0 4.6 6.6 9.9° 26.6 ft Rear dozer blade 1.5 m • - - - - - 4.0 4.6 6.9 11.2 2.7 3.1 4.5 7.5 2.0 2.3 3.3 5.2 1.7 2.0 2.9 4.6 8.2 m 8.8 10.1 15.2 24.7 6.0 6.8 9.9 16.5 4.4 5.1 7.3 11.5 3.7 4.4 6.4 10.1 26.9 ft 0 m | • - - - - - - - 3.8 4.4 6.6 11.4 2.6 3.0 4.4 7.3 1.9 22 3.2 5.2 1.8 2.0 3.0 4.8 7.9 m 8.4 9.7 14.6 25.1 5.7 6.6 9.7 16.1 4.2 4.9 7.1 11.5 4.0 4.4 6.6 10.6 25.9 ft 1.5 m • - - - - - - - - 3.8 4.4 6.6 10.6 2.6 3.0 4.3 7.2 - - - 2.0 2.3 3.3 5.3 7.4 m - - - - - - 8.4 9.7 14.6 23.4° 5.7 6.6 9.5 15.9 - - - 4.4 5.1 7.3 11.7 24.3 ft 14.3 15.4 15.4 15.4 12.8 ft 25 ft = - - - - - 11.7 13.2 14.6\* 14.6\* - -6 m • - - - - - 5.2 5.9 6.9' 6.9' 3.3 3.7 5.1 6.3' - - - 2.4 2.7 3.8 4.5' 7.1 m 20 ft 
- - - - - - - - - - - 11.5 | 13.0 | 15.2 | 15.2 | 7.3 | 8.2 | 11.2 | 13.9 | - - - - - 5.3 | 6.0 | 8.4 | 9.9 | 23.3 | ft | 4.5 m 
- - - - - - - - - - - - - - - 4.9 | 5.6 | 7.9 | 8.0 | 3.1 | 3.6 | 5.0 | 6.7 | 2.1 | 2.4 | 3.5 | 5.4 | 2.0 | 2.2 | 3.2 | 4.3 | 7.8 m 2-piece Boom: 5.47 m, 17'1' Dipper Arm: 2.6 m, 8'6" 15 ft = - - - - - 10.8 12.3 17.4 17.6 6.8 7.9 11.0 14.8 4.6 5.3 7.7 11.9 4.4 4.9 7.1 9.5 25.6 ft 3 m • - - - - - - - 44 5.1 7.4 9.8 2.9 33 4.8 7.4 2.1 2.4 3.4 5.4 1.8 2.0 2.9 4.2 82 m

Rear dozer blade

4.0 4.6 6.9 11.1 2.7 3.1 4.5 7.5 2.0 2.3 3.3 5.2 1.7 1.9 2.8 4.4 8.3 m 8.8 10.1 15.2 24.5 6.0 6.8 9.9 16.5 4.4 5.1 7.3 11.5 3.7 4.2 6.2 9.7 27.2 ft 0 m • - - - - - - - 3.8 4.4 6.6 11.4 2.6 3.0 4.4 7.3 1.9 2.2 3.2 5.2 1.7 2.0 2.9 4.6 8.1 m - - - - - - - 8.4 9.7 14.6 25.1 5.7 6.6 9.7 16.1 4.2 4.9 7.1 11.5 3.7 4.4 6.4 10.1 26.6 ft -1.5 m • - - - - - - - - - - - 3.7 4.4 6.6 10.7 2.5 2.9 4.3 7.2 1.9 2.2 3.2 5.2 1.9 2.2 3.2 5.1 7.6 m - - - - - 8.2 9.7 14.6 23.6° 5.5 6.4 9.5 15.9 4.2 4.9 7.1 11.5 4.2 4.9 7.1 11.2 24.9 ft 9 m | • - | - | - | - | - | - | 5.2 | 5.8 | 6.1° | 6.1° | - | - | - | - | - | - | 4.8 | 5.4° | 5.4° | 5.4° | 5.4° | 4.7 m - - - - - 11.5 12.8 13.4 13.4 10.6 11.9\*11.9\*11.9\* 15.4 ft 7.5 m • - - - - - - - - - - - - - 3.3 3.7 5.2 5.8 - - - - 2.8 3.2 4.2 4.2 6.5 m 7.3 8.2 11.5 12.8\* 6m • - - - - - 53 5.8' 5.8' 5.8' 5.8' 3.3 3.7 5.2 5.8' 2.2 2.5 3.5 4.4' 2.1 2.4 3.4 3.8' 7.6 m - 11.7 12.8 12.8 12.8 7.3 8.2 11.5 12.8 4.9 5.5 7.7 9.7 4.6 5.3 7.5 8.4 24.9 ft 4.5 m • - - - 58' 58' 58' 58' 58' 50 5.7 68' 68' 32 36 50 63' 22 25 3.5 55 1.8 20 2.9 3.6' 8.3 m - 12.8°12.8°12.8°12.8°11.0°12.6°15.0°15.0°7.1 7.9 11.0°13.9°4.9 5.5 7.7 12.1 4.0 4.4 6.4 7.9° 27.2°ft 3 m • - - - - - - - - 4.5 5.2 7.5 9.2 3.0 3.4 4.8 7.1 2.1 2.4 3.4 5.4 1.6 1.8 2.7 3.6 8.6 m 2-piece Boom: 5.47 m, 17'11" ipper Arm: 3.0 m, 9'10" 9.9 11.5 16.5 20.3° 6.6 7.5 10.6 15.7° 4.6 5.3 7.5 11.9 3.5 4.0 6.0 7.9° 28.2 ft Rear dozer blade 0 m • - - - - - - - - - - - 38 44 66 114 26 30 44 73 1.9 22 32 5.1 1.6 1.8 2.7 4.0 85 m - 8.4 9.7 14.6 25.1° 5.7 6.6 9.7 16.1 4.2 4.9 7.1 11.2 3.5 4.0 6.0 8.8° 27.9 ft

1.5 m • - - - 6.7' 7.6' 7.6' 7.6' 3.7 4.3 6.5 10.9' 2.5 2.9 4.3 7.2 1.8 2.1 3.1 5.1 1.7 2.0 2.9 4.5' 8.0 m

-3 m • - - - - - - - - - 3.7 4.3 6.6 9.5 2.5 2.9 4.3 7.0 - - - - - 2.2 2.6 3.7 5.8 6.7 m - - 8.2 9.5 14.6 20.9 5.5 6.4 9.5 15.4 -

- 14.8\*16.8\*16.8\*16.8\* 8.2 9.5 14.3 24.0\* 5.5 6.4 9.5 15.9 4.0 4.6 6.8 11.2 3.7 4.4 6.4 9.9\* 26.2 ft

9.7 11.2 16.3 21.6° 6.4 7.3 10.6 16.3° 4.6 5.3 7.5 11.9 4.0 4.4 6.4 9.3° 26.9 ft

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / ■ 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by machine's hydraulic lifting capacity rather than tipping load.

|  |               |   |                             |                       |                      | Reach fi              | om ma                   | chine                                   | e centre                | e (u =                                  | supp               | ort u                                   | p/d =                                   | suppo  | rt dov                 | vn)   |  |   |   |                  |   |
|--|---------------|---|-----------------------------|-----------------------|----------------------|-----------------------|-------------------------|---|-------------------------|---|--------------------|---|---|--|------------------------|---|--|---|---|------------------|---|
|  |               |   | 1.5 m                       | n, 5 ft               | 3.0 m                |                       |                         | 5 m, 1                                  |                         |   |                    | , 20 f                                  |   |  | m, 25                  |   |  |   | Ma  |                  |   |
|  | Lifting point |   | Across                      | Along                 | Across               | Along                 | Acros                   |   | Along                   | Acr                                     |                    | Alo                                     |   | Across   |                        | ong   | Acre                                   |   | Alc                                       | ng               |   |
|  | Ponk          |   | UC                          | UC                    | UC                   | UC                    | uc                      |   | UC                      | l U                                     |                    | UC                                      |   | UC   |                        | JC .  | U                                      |   | U   | _                | Max.                                    |
|  |               | <u> </u>                                | u d                         | u d                   | u d                  | u d                   | Telephone (1990)        |   | u d                     | u                                       | d                  | u                                       | d                                       | u d  | u                      | d   | u                                      | d                                       | u   | _d               |   |
|  | 9 m           | •                                       |                             |                       |                      |                       | 2022/05/05/05 12/23     | 3333224 (300                            | .9' 6.9'                |   | Ė                  | L.                                      |   | -  |                        |   | 4.7                                    | ELECTRONICA I                           | 6.5*                                      | SWICH CHARLES    | 4.9 m                                   |
|  | 30 ft         | Ħ                                       |                             |                       | w =                  |                       | 12.1 13                 | 3.7 18                                  | 5.2* 15.2               | NO CONTRACTOR IN                        | _<br>transcription | <br>PRESCRIPTOR S                       | -                                       |  | ~<br>88\$ E0000000     | -<br>2 1555553  | 1004070000704                          | CONTRACTOR I                            | 0/2007070                                 | concession i     | 16.1 ft                                 |
|  | 7.5 m         | •                                       |                             |                       |                      | -   -                 | -                       | 7                                       | -   -                   | 3.6                                     | 4.0                | 5.4                                     | 6*                                      |  |                        |   | 2.9                                    | percents.                               | 000000000000000000000000000000000000000   | 5.3*             | 6.7 m                                   |
|  | 25 ft         | _                                       |                             |                       |                      | eggaganega siladanaki | environment times       | -                                       |                         | 7.9                                     | 105/00/00/0        | 11.9                                    | eroperatory v                           |  | -                      | -<br>a accessor   | 6.4                                    | 7.3                                     | O-PRODUCTIONAL                            | 19980570078      | 22.0 ft                                 |
|  | 6 m           | ٠                                       |                             |                       |                      |                       |                         | - 1                                     | -   -                   | 3.6                                     | 4.0                | 5.4                                     | Schlookord (                            | 2,4 2.   | SS Assessor            | ON PRESIDENCE AS  | 2.3                                    | 2.6                                     | (A) O O O O O O O O O O O O O O O O O O O | 4.9*             | 7.8 m                                   |
|  | 20 ft         | M reconstant                            |                             | enebulous prisapeido  |                      |                       | -                       |   |                         | 7.9                                     | emegaroletica      | 11.9                                    | espensoria :                            | 5.3 6.   | ned 198005190          | na rosenana   | wareness to                            | 5.7                                     | reversooner                               | SECONOSCIONOS    | 25.6 ft                                 |
|  | 4.5 m         | •                                       |                             | -   -                 | 7 7                  |                       | 1 220000003 5550        | 1000000 ASID                            | .6' 6.6'                | is breschiose                           | 3.9                | Spanning 2                              | 6.4                                     | SECONDER FINANCE   | 225 2007000            | 5.8   | 243050000                              | 2.2                                     | 0000000                                   | 4.7              | 8.4 m                                   |
| 0   0   5   7   47   41                                | 15 ft         |   |                             | ESTABLISHED TO STREET |                      |                       | PERCENTAGE PROF         | exceeds that                            | 4.6° 14.6               | E REPRESEN                              | aspectments        | 11.7                                    |   | suvonaven vehatele   | LON MARKETON           | one serverencement  | 45-4005 ( BD00)                        | 4.9                                     | 200.000.00                                | 10.4             | 27.6 ft                                 |
| 2-piece Boom: 5.47 m, 17'11"<br>Grab arm: 3.2 m, 10'6" | 3 m           | •                                       |                             |                       |                      | -   -                 | SCHEENING REPR          | SNOWED COM                              | '.8 9.3°                | d processors                            | 3.6                | Commission of the                       | 100000000                               | 2.3 2.   | CONTRACTOR             | os manones  | 1,8                                    | 2.0                                     | DESTRUCTOR                                | 4.4              | 8.8 m                                   |
| Rear dozer blade                                       | 10 ft         | E processor                             |                             |                       |                      |                       | A PERSONNESSE VOCO      | wanther wor                             | 7.2 20.5                | er essentiatione                        | procession         | 11.2                                    | ercoconova i                            | orayatoki Perita   | eur estatos            | RIS FOR HOSPITATION   | nonoggovana.                           | 4.4                                     | 6.4                                       | 9.7              | 28.9 ft                                 |
|  | 1.5 m         | •                                       |                             | -   -                 |                      |                       | •                       | - 1                                     | -   -                   | 3.0                                     | 3.4                | remanded to                             | 7.8                                     | THE OWNER WHEN   | SOUR CHESTONS          | 5.5   | mentioned                              | 2.0                                     | 2.8                                       | 4.3              | 8.8 m                                   |
|  | 5 ft          |   |                             |                       | · ·                  |                       | -                       | econor sud                              | <br>ances essenti       | 6.6                                     | 7.5                | ACCOUNTS OF                             | -                                       | 4.9 5.   | cure suppliere         | ESF TERRORSSON  | 3.7                                    | 4.4                                     | 6.2                                       | 9.5              | 28.9 ft                                 |
|  | 0 m           | •                                       |                             |                       | -   -                | 71.                   | 1 83239859000 1249      | SANCON NUMBER                           | 5.9   11.7              | DE SOUTH PROPERTY.                      | 3.2                | 4.6                                     | 7.6                                     | COCOMMUNICATION  | COST MESSAGE           | TRIBLIANCE AND ADDRESS OF THE PERSON NAMED IN COLUMN NAMED IN | resounts.                              | 2.0                                     | 2.8                                       | 1000000000       | 8.6 m                                   |
|  | Oft           | E shanning                              |                             |                       |                      |                       | consection area         | session con                             | 5.2 25.8                | ek sommeneers                           | 7.1                | 10.1                                    | SERVICE STREET                          | 4.6 5.   | NAME ASSESSED.         | ene komiskomonom  | 200406003569                           | 4.4<br>2.2                              | 6.2<br>3.0                                | 9.7              | 28.2 ft                                 |
|  | -1.5 m        | •                                       | -   -                       | -   -                 | A PERSONAL SUPERGRAP | 7.9' 7.9'             | g cashipaganes remo     | \$5550 KH                               | 5.8 11.4                | 1 (27cm)                                | 3.2                | 4,5                                     | 7.4                                     | 2.1   2.   | that sendence          | SE SESSONS  | 1.9                                    | 000000000000000000000000000000000000000 | Merchanistra                              | 4.8              | 8.1 m                                   |
|  | -5 ft         | 1 400000000                             |                             |                       | 15.4 17.4            | 17.4* 17.4            | entitientiid auni       | emprovine com                           | 5.0 25.1                | as recommended                          | 7.1                | WOODENDOORS S                           | essentichel :                           | 4.6 5.   | NASA 195997888         | na esemposenti  | 4.2                                    | 4.9                                     | 6.6                                       | 10.6             | 26.6 ft                                 |
|  | -3 m          | •                                       | 7 7                         |                       |                      | 7   7                 | \$ 19000000000 (CO)     | 22248 22                                | 3.8 10.1                | A Maderners                             | 3.2                | 4.5                                     | 7.4                                     |  | -                      | •   | 2.2                                    | 120,000,000,000                         | 2000000000                                | 12.8             | 7.1 m<br>23.3 ft                        |
|  | -10 ft        | 100000000                               |                             |                       |                      |                       | 8.8 1                   | 0.1 1                                   | 5.0 22.3                | 6.2                                     | 7.1                | 9.9                                     | 16.3                                    |  |                        | -   | 4.9                                    | 5.7                                     | - Compression of a first                  | 7.7              | 3.5 m                                   |
|  | 9 m           | •                                       |                             | -   -                 | -   -                |                       | 7                       | •                                       |                         |   | •                  |   |   |  |                        |   | 7.7                                    | 7.7*                                    | 7.7*                                      | SMESSES          | 11.5 ft                                 |
|  | 30 ft         | <b>II</b>                               |                             |                       |                      |                       | -<br>Trendren           | -<br>11249 84                           |                         | -<br>1 500000                           |                    | -                                       | -<br>8092011                            |  |                        |   | DUCKSHOP                               | 17.0°<br>5.4°                           | workstateway                              | 5.4*             | 5.8 m                                   |
|  | 7.5 m         | •                                       |                             | -   -                 |                      |                       | 5.5 6                   | SOCIETY FOR                             | .9' 6.9'                | 24 7250612200                           |                    |   |   |  |                        |   | \$255500500F                           | 50000000000000                          | 200000000                                 | # 1000/Unicoling | 19.0 ft                                 |
|  | 25 ft         | <b>E</b>                                |                             |                       |                      |                       | a contractions to       | properties with                         | 5.2* 15.2               | di rendre rise                          | -                  | -                                       | -                                       | -<br>CONTRACTOR  |                        | -<br>3 1200   | CONTRACTOR                             | 100000000000000000000000000000000000000 | 25071102222                               | 11.9*            | Services                                |
|  | 6 m           | •                                       | -   -                       | -   -                 | -   -                |                       | 5.4 7                   | MANAGEMENT DOL                          | '.1' 7.1'               | A MANUSCANA                             | 5.6                | 1508053053                              | 6.4                                     |  |                        |   | 2.6                                    | KONTEKNOTA                              | 550025020                                 | 4.8'             | SERVICE STREET                          |
|  | 20 ft         | <b>.</b>                                | <br>1 (SASCETTR) (CERTIFICA |                       |                      |                       | s exerciseres cons      |   | 5.7*15.7                | or parenossa                            | 12.3               | 11.0                                    | PROPERTY.                               |  | -<br>31122             | -   | 5.7                                    | 9.5                                     | presentation of                           | 10.6°            | 23.0 ft<br>7.7 m                        |
| 2-piece Boom: 5.47 m, 17'11"                           | 4.5 m         | is promised                             | -   -                       |                       |                      |                       | 5.1 8                   | Exchine dev                             | 7,7 8.3                 | 2 | · continue         | 100000000000000000000000000000000000000 | 200000000                               | 2.3 3.   | cond process           | 6.1   | 2.2                                    | 3.6<br>7.9                              | 3.2<br>7.1                                | 9.9.             | 25.3 ft                                 |
| Dipper Arm: 2.45 m, 8'0"                               | 15 ft         | # = = = = = = = = = = = = = = = = = = = |                             |                       |                      | STREET STREET         | T SECRETARIOUS COS      | ACTION OF THE                           | 7.0 18.3                |   | . ACTOR TO COM     | 10.6                                    | MATERIAL PROPERTY.                      | NUMBER OF STREET   | nors menue             | 13.4  | NO CONTRACTOR                          | escoreacted                             | property                                  | 1200000000       | 8.1 m                                   |
| Front outrigger<br>Rear dozer blade                    | 3 m           | •                                       | -   -                       | • •                   |                      | 7   7                 | g goodgeoos and         | 103 45/3/SS31                           | 7,1 10.0                | 22 (2002)                               | Composition        | 4.6                                     |   |  | stod powerty           | 6.3°<br>13.9  | a remember mos                         | 7.3                                     | 6.4                                       | 9.9*             | 26.6 ft                                 |
| Neal dozer blade                                       | 10 ft         | E SANGER                                |                             |                       |                      |                       | a zavajesztki kiek      | estranta est                            | 5.7 22.0                | GR 12500000000                          | r proported to be  | 10.1                                    | encourage of                            | section serve reverse  | шим докрачая           | 6.5   | SPECIFICATES                           |   | acres occurs                              | 4.6*             | percentage of the second                |
|  | 1.5 m         | •                                       |                             | -   -                 | 1 7 1 7              | 7 7                   | B 02000008 REI          | E65899 193                              | 5.6 11.2                | 28 123/6447044                          | 5.0                | - Importance                            | 8.1*                                    | SOURCES STATES   | ESS\$ 1887662          | 14.3  | <ul> <li>BARRESSONS</li> </ul>         | 7.1                                     | 50000000                                  | 10.1             | Citorentereconne                        |
|  | 5 ft          |   |                             |                       |                      |                       | a visitational ma       | nermover you                            | 4.6 24.7                | NA TROVESSION                           | 11.0               | CONTRACTOR .                            | 17.9                                    | 4.6 7.<br>2.0 3.   | nicky demonstra        | KA RESIDEN  | 1.9                                    | 3.3                                     | 2.9                                       | 1 210552015Y24   | 7.9 m                                   |
|  | 0 m           | •                                       |                             |                       |                      |                       | of terroring common     | medical control                         | 3.4 11.4                | The Address of the                      | 4.8                |   | 6.3<br>18.3*                            | CONTRACTOR OF STREET   | =84 558305             | 3 14.1  | a necessaria                           | 7.3                                     | 2222003                                   | 11.0             | 355500550000000000000000000000000000000 |
|  | Oft           | <b></b>                                 |                             |                       |                      |                       | e revenue of set        | commence and                            | 4.1 25.1                | ACE ACRESCED PRODUCTION                 | 10.6               | \$500000000000                          | 500000000000000000000000000000000000000 | 4.4  | 9 0.0                  |   | 2,1                                    | 100/9/2005/04                           | MOSSES STORY                              | 5,7              | exponentations like                     |
|  | -1.5 m        | 1 •                                     |                             |                       | . 7 1 7              |                       | d herrichen ern         | 2220224 99                              | 3.4 10.6                | 99 : <u>Badrellin</u>                   | 4.8                | i become                                | CONTRACTOR A                            |  |                        |   | 4.6                                    | 7.9                                     | 650000000                                 | 12.6             | 600000000000000000000000000000000000000 |
|  | -5 ft         | # (F20)                                 |                             |                       |                      |                       | 8.8 1                   | o. <b>ය</b> 1                           | 4.1 23.4                | 6.0                                     | 10.0               | 9.3                                     | 17.4                                    | -  |                        |   | 6.8                                    | 7.0                                     | 7.0                                       |                  | 3,9 m                                   |
|  | 9 m           | •                                       |                             |                       |                      |                       |                         |   |                         |   |                    |   |   |  |                        | 3 MM  | 9.0003600260                           | 2000040000                              | 12/2000060                                | 15.4             | 200000000000000000000000000000000000000 |
|  | 30 ft         | on assertion                            |                             |                       |                      |                       | -<br>EC 6               | -<br>2 G+ 4                             |                         | -<br>A 9090                             |                    |   |   |  |                        |   | N YESTHINGS FOR                        | 5.1                                     | same con                                  | a sercesario     | 6.0 m                                   |
|  | 7.5 m         | an Contract                             | 1 - 1 -                     |                       | 1 7 1 7              |                       | to produce common com-  | Contractor Inc.                         | 6.6°   6.6<br>4.6° 14.6 | est connecte                            |                    |   |   |  |                        | el 1957(1)<br>-   | 3 000000000000000000000000000000000000 | E SECULOSCESIA                          | 200000000                                 | 11.2             | 200200000000000000000000000000000000000 |
|  | 25 ft         | <b>S</b> (335)                          |                             |                       |                      |                       | a esperante did         | SOURCESS WA                             | OWNERS SCHOOLS          | NA SHISSING                             | 5,6                | 5.0                                     | 62'                                     |  |                        |   | 2.5                                    | 4,1                                     | 100000000                                 | 4.51             | 7.1 m                                   |
|  | 6 m           |   |                             |                       |                      |                       | SC SUCCESSION ENG       | 00000000 000                            | 5.9°   6.9<br>5.2° 15.2 | me databases                            | is dissorran       | 11.0                                    | ALCOHOL: N                              |  |                        |   | 5.5                                    | 9.0                                     | 8.2                                       | 9.9              | 23.3 ft                                 |
|  | 20 ft         | OF GENERAL                              |                             |                       | <br>1000000000       |                       | ov karperopolitisk ento | executive re-                           | 5.2 15.2<br>7.7 8.0     | NA STATES                               | a materialism      | - wassesses                             | 900000000000000000000000000000000000000 | 2.3 3  | 8 3.4                  | 6.0   | 2,1                                    | 3.5                                     | 3.1                                       | 4.31             | 7,8 m                                   |
| 2-piece Boom: 5.47 m, 17'11'                           | 4.5 m         | ar emission                             |                             |                       |                      |                       | ed possession and       | SERVICE AND                             | ROUGHLAND DESIGNATION   | 50 3590300                              | 12.1               | \$ 033amascoa                           | 14.8                                    | SERVICE SERVICE  | ESTER TOTAL ST         | 13.2  | 2 occupancy                            | 7.7                                     | 6.8                                       | 9.5*             | 25.6 ft                                 |
| Dipper Arm: 2.6 m, 8'6"                                | 15 ft         | R 199700                                |                             |                       |                      |                       | of revenuescens has     | 100000000000000000000000000000000000000 | 7.0 17.6<br>7.2 9.8     | ene encomment                           | a venezanea        |   | material contract and                   | 2.2 3  | everal extrapation     | 6.2°  | a recognision                          | TOPOGRAPHICA                            | reszeneza                                 | 4.2              | 8,2 m                                   |
| Front outrigger<br>Rear dozer blade                    | 3 m           | DE COMPA                                |                             |                       |                      |                       | es esecutives the       | secondary or                            | 5.9 21.6                | ing (extending                          | a 2000-0000        | 10.1                                    | Concrete                                | DOINERS NIIIO  | 2003 0-0000            | 3 13.7  | 4 5000000000                           | 7.1                                     | 6.2                                       | 9.3*             | 26.9 ft                                 |
|  | 10 ft         | NA RESERVED                             |                             |                       |                      |                       | us concorrence nich     | POTENTIAL CO                            | 6.7 11.1                | ila marena                              | 5.0                | n inconnects                            | 8.1                                     | posterione vision  | erana merenia          | 6.5   | N PARTICIPATION                        | 3.1                                     | S FORMSTON                                | 4.4*             | STORESTERNOOTS I                        |
|  | 1.5 m         | ) •                                     |                             |                       |                      |                       | 18 GOSHONANDA NOD       | 22002002 123                            | 4.8 24.5                | Ask Shakkana                            |                    | 9.7                                     | 000000000000000000000000000000000000000 | WARRANT TO STATE AND ADDRESS OF THE PARTY OF | read particular        | 14.3  | 9 :200:5425                            | 6.8                                     | SANTEN                                    | 9.7*             | 27.2 ft                                 |
|  | 5 ft          |   |                             |                       |                      |                       | es enveniosem vai       | estantones nic                          | 6.4 11.4                | ne deservice                            | x vivosezene       | 4.2                                     | meteropeories                           | PERSONALIZATION  | 9996 700995            | 6.5   | r renteren                             | a passembasa                            | 100000000                                 | 4.7*             | 8.1 m                                   |
|  | 0 m           |   |                             |                       |                      |                       | SF SESSEE BOOK 164      | DOMESTIC IN                             | 4,1 25.                 | SES SUBSTRICTS                          | 10.6               | 9 ministration                          | 18.3                                    | DED SOLDS and a deared   | CONTRACTOR DESIGNATION | 3 14.3  | R SECRETARIA                           | 7.1                                     | F 19.8(AVVC)                              | 10.4             | 125000000000000000000000000000000000000 |
|  | 0 ft          |   |                             |                       |                      |                       | NA CONTRACTOR DE        | 500 FEB. 100                            | 6.4 10.7                | THE STREET                              | a seesewe          | a skamesae                              | 7.9                                     | SUMMINGSON PROFES  | NEXTERN DESCRIPTION    | 5.7   | e spanience                            | g proprietation                         | e ensuremen                               | 5,4*             | 7.6 m                                   |
|  | -1.5 n        | CS CHOOS                                |                             |                       |                      |                       | al terminates es        | 8832228                                 | 0.4 10.1<br>14.1 23.6   | EM SHEEDSEL                             | S SECTIONS         | 9.3                                     | 688898558                               | preferances and  | DODGE BANKSON          | 3 12.6  | of contractors                         | 7.7                                     | S SWIERS !                                | 11.9             | # entransposition                       |
|  | 5 ft          |   |                             |                       |                      |                       | 0.0 1                   | , 0.1                                   | 20.0                    | , 0.0                                   | . 0.0              | . 0.0                                   |   | ,  | 0.0                    |   |  |   |   |                  |   |

# **Specifications EW180E**

### LIFTING CAPACITY EW180E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy couterweight. Unit: • 1,000 kg / = 1,000 lb

Notes: 1. Working pressure with Power Boost = 37.5 MPa / 5,440 psi. 2. The above values are in compliance with ISO standard 10 567. They do not exceed 87 % of hydraulic lifting capacity or 75 % of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (\*) are limited by

| machine's hydraulic lifting cap |                  |   |      |      |        |   |   | 110 11   | 140,111 | 10 0.     |      | ,        | . g. c |           |      |          | p     |         |       |          |          |          |   |          |          |         | _      |
|---------------------------------|------------------|---|------|------|--------|---|---|----------|---------|-----------|------|----------|--------|-----------|------|----------|-------|---------|-------|----------|----------|----------|---|----------|----------|---------|--------|
|                                 |                  |   |      |      |        |   |   |          | Rea     | ach fr    | om n | nach     | ine c  | entre     | (u = | supp     | ort ı | ıp/d :  | = sup | port     | dow      | n)       |   |          |          |         |        |
|                                 |                  | ı | 1    | .5 m | , 5 ft |   | 3 | 3.0 m    | , 10    | ft        | 4    | .5 m     | , 15   | ft        | 6    | 3.0 m    | , 20  | ft      | 7     | .5 m     | , 25     | ft       |   |          | Max      | x.      |        |
|                                 | Lifting<br>point |   | Acro |      | Alo    |   |   | oss<br>C |         | ong<br>IC |      | oss<br>C |        | ong<br>IC |      | oss<br>C |       | ng<br>C |       | oss<br>C | Alc<br>U | ong<br>C |   | oss<br>C | Alo<br>U | ng<br>C | ٨      |
|                                 |                  | Ì | u    | d    | и      | d | u | d        | и       | d         | u    | d        | u      | d         | u    | d        | u     | d       | u     | d        | u        | d        | u | d        | u        | d       | 410000 |

| 2-piece Boom: 5.47 m, 17'1 |
|----------------------------|
| Dipper Arm: 3.0 m, 9'10"   |
| Front outrigger            |
| D                          |

|                    | pom    | 1              | U   | 0               | U                         | IC                | U                | C              | U              | C                    | U                   | ᄋ  | U                                       | C                                       | U                        | C  | U   | C.          | U                                       | C                                       | U              | C [          | U                                       |              | U                                       | $^{\rm C}$   | Max.    |
|--------------------|--------|----------------|---|-----------------|---------------------------|-------------------|------------------|----------------|----------------|----------------------|---------------------|--|---|---|--------------------------|--|---|-------------|---|---|----------------|--------------|---|--------------|---|--|---------|
|                    |        |                | u   | d               | u                         | d                 | u                | d              | и              | d                    | u                   | d  | и                                       | d                                       | u                        | d  | u   | d           | u                                       | d                                       | u              | d            | u                                       | d            | u                                       | d  |         |
|                    | 7.5 r  | n •            | -   | -               | -                         | -                 | -                | -              |                | -                    | +                   | -  | -                                       | -                                       | 3.5                      | 5.6  | 5.0   | 5.8*        | •                                       | -                                       | •              | -            | 2009/4/15                               | 92022503     | 4.2*                                    | 202222224  | 6.5 m   |
|                    | 25 f   | =              | -   | -               | -                         | -                 | -                | -              | -              | -                    | -                   | -  | -                                       | -                                       | 7.7                      | 12.3   | 11.0  | 12.8*       | -                                       | _                                       |                | -            | verseezaa :                             |              | 9.3*                                    | AND DESCRIPTION OF REAL PROPERTY.  | 21.3 ft |
|                    | 6 m    | •              | -   | -               | -                         | -                 | -                | -              | -              | -                    | 5.6                 | 5.8°   | 5.8*                                    | 5.81                                    | 3,5                      | 5.7  | 5,0   | 5.8*        | 2.3                                     | 3.8                                     | 3.4            | 4.4*         | 2.2                                     | 3367278023   | creamens                                | DESTRUCTORS D  | 7.6 m   |
|                    | 20 f   | =              |   | -               | -                         | -                 | -                | -              | -              | -                    | 12.3                | 12.8*  | 12.8*                                   | 12.8*                                   | 7.7                      | 12.6   | 11.0  | 12.8        | 5.1                                     | 8.4                                     | anne anno 1994 | 9.7*         | 4.9                                     | merupeus e   | 7.3                                     | COMPUNED I   | 24.9 ft |
|                    | 4.5 r  | n •            | -   | -               | -                         | -                 | 5.8*             | 5.8*           | 5.8*           | 5,8*                 | 5.2                 | 6.8*   | 6.81                                    | 6.8*                                    | 3.4                      | 5.5  | 4,9   | 6.3*        | 2.3                                     | 3,8                                     | 50555555       | 5.7          | SERVICES .                              | mproved t    | 2,8                                     | STREET, STREET | 8.3 m   |
|                    | 15 f   |                | -   | -               | -                         | -                 | 12.8             | 12.8*          | 12.8*          | 12.8*                | 11.5                | 15.0*  | 15.0*                                   | 15.0*                                   | 7.5                      | DESCRIPTION OF THE PARTY OF THE | DESIGNATION AND ADDRESS OF THE PARTY OF THE | 13.9*       | vocate vocate and                       | 8.4                                     |                | 12.6*        | Accommoder to                           |              | 6.2                                     | ennementario e   | 27.2 ft |
|                    | 3 m    | •              | -   | -               | -                         | -                 | ÷                | -              |                | -                    | SESSEDENCES :       | 8.2  | 000000000000000000000000000000000000000 | 9.2*                                    | 260903598                | 1222224  | 2007540004  | 7.1*        | 800mms#                                 | 3.7                                     | 2200000        | 6.0          | SECTION SECTION                         | SERVED SOME  | 2.6                                     | 9500115000# I  | 8.6 m   |
| om: 5.47 m, 17'11" | 10 f   |                | -   | -               | -                         | -                 | -                | -              | -              |                      | 10.6                | 18.1   | 15.9                                    | 20.3*                                   | 6.8                      | annerstand a   |   | 15.7*       | DEMANDED                                | 8.2                                     |                | 13.2*        | construction .                          | emprane and  | 5.7                                     | weekennerster v  | 28.2 ft |
| : 3.0 m, 9'10"     | 1.5 r  | n •            | -   | -               | -                         | -                 | -                | -              |                | -                    | 4.3                 | 7.7  | 6.7                                     | 10.8                                    | SOURCE IN                | SERVICES !   | CENTRAL   | 7.81        | endone and                              | 900000000000000000000000000000000000000 | 200 F2000      | 6.3*         | 100000000000000000000000000000000000000 | 2.9          | GEROVEN AL                              | AMERICAN I   | 8.7 m   |
| ger                | 5 ft   | ×              | -   | -               | -                         | -                 | -                | -              | -              | -                    | 9.5                 | increase and a   |   | 23.8*                                   | energeneite en           | MANAGEMENT I   | HSMOTHWOOD  | 17.2        | construction and a                      | 7.9                                     |                | 13.9*        | connected to                            | Turner of a  | 5.5                                     | esemperate s   | 28.5 ft |
| blade              | 0 m    | •              | •   | -               | •                         | -                 | •                | -              |                | -                    | 4.0                 | 7.4  | 6.4                                     | 11.41                                   | ***********              | 19000000000  | 2002/85/201   | 8.2         | PERSONAL                                | 3.5                                     | 3.1            | Reseased a   | SERVICE STATE                           | SECTION 1    | 2.6                                     | 20000000000000000000000000000000000000   | 8,5 m   |
|                    | O ft   | M              | -   | -               |                           | -                 | _                | -              | -              | -                    | escarriano de la    | estativitura -   | province-rea                            | 25.1                                    | and the same of the same | - nacon recover  | edermination.   | 18.11       | ENVERONMENT.                            | 7.7                                     | essentante     | 14.1         | HONOR HONOR                             | 6.6          | 5.7                                     | toyotetatatoide k  | 27.9 ft |
|                    | ·1.5 ı | n •            | -   | 7               | •                         | -                 | 7.2*             | 7.6*           | 7,6*           | 7.6*                 | 3.9                 | 7.3  | 6.3                                     | 10.9                                    | 1818888888999            | 922200   | 2005003   | 8.1*        | 0000000                                 | 3,5                                     | 3.0            | 6.1          | 9383354                                 | E245673181 3 | 2.8                                     | SERVINE S  | 8,0 m   |
|                    | -5 ft  | E              | _   | -               | -                         | -                 | 15.9*            | 16.8*          | 16.8           | 16.8*                | 8.6                 | annanthia.   | Service Printer                         | 24.0*                                   | non-more tra             | personanians :   | poorano-ra  | 17.9*       | 4.4                                     | 7.7                                     | 6.6            | 13.4         | 4.0                                     | 7.1          | 6.2                                     | INVESTMENTS I  | 26.2 ft |
|                    | -3 m   | •              | -   | -               | -                         |                   | -                | -              |                | - 1                  | 4.0                 | 200000000000000000000000000000000000000  | 6.4                                     | 200367203438                            | 2.7                      | 4,8  | CONTRACTOR  | 7.01        | 1                                       |   | -              | •            | 2.3                                     | 3600350634 v | 3,6                                     | Characterist s   | 6.7 m   |
|                    | -101   | t 🗯            | -   | -               | -                         | -                 | _                | -              | -              | en<br>commercialists | -                   | ACCUPATION AND ADDRESS OF THE PARTY OF THE P | ALCO PROPERTY.                          | 20.9                                    | 6.0                      | 10.6   | 9.3   | 15.4*       | er<br>possessense                       | <br>audiationis                         | - REPORTED A   | -            | 5.1                                     |              |   | enamento esta a  | 22.0 ft |
|                    | 9 m    | •              | - 1                                       | -               | *                         | -                 | -                | - 1            |                | •                    | 2000000             | 6.8  |   | Panishing.                              |                          | •  |   | •           | -                                       | -                                       | -              |              | 20000000                                | 6.5*         | 000000000000000000000000000000000000000 | concerns,  | 4.9 m   |
|                    | 30 f   | t =            | -   | -               | -                         | -                 | -                | -              | -              | -                    | 12.6                | 15.0*  | 15.0*                                   | 15.0*                                   | -                        | -  | • • • • • • • • • • • • • • • • • • •   | -           | -                                       | <br>Surbrusións                         | -              | -            | Track college                           | 14.3*        |   | TOTAL DOTTORNY   | 16.1 ft |
|                    | 7.5 r  | this storeway  | -   |                 | •                         | -                 |                  | -              | •              | - 1                  | •                   | •  | 7                                       |   | 3.7                      | ERCERTER !   | 5,3   | 03880263635 |   |   |                |              | 2003000                                 | 4.9          | 884838W                                 | geotogrand :   | 6.7 m   |
|                    | 25 f   |                | experience (                              | -               | ##<br>#\$\$\$\$\$\$\$#### | e versterense     | _<br>poznaki wak | -<br>259550000 | ************** | -<br>possence        | -                   | -  | -                                       | -                                       | nontration and           | 13.0   |   | *********** | -                                       | -                                       | -              | -            | environment to Green                    | GROWNINTS -  | - CHARLES AND CO.                       | respectations of   | 22.0 ft |
|                    | 6 m    | OCE SECONDARIO |   | -               | -                         | -                 | •                | - 1            |                | i i                  | •                   | -  | -                                       |   | 3.7                      | TRANSPORT  | CHICASING.  | 5.9*        | entire de la constanta                  | 4.1                                     | SECTION        | STATISTICS : | processed                               | ENTERNS.     | X=35±53                                 | Bossuca:   | 7,8 m   |
|                    | 20 f   | INA VERNERA    | esponencesa r                             | emanumentos est | -                         | -<br>n monocolost | escomess.        | **             | -              | -                    | -                   | -  | -                                       | -                                       |                          |  |   | 13.0*       | convenience.                            | 9.0                                     |                | 12.8*        | MACOUNTRY                               |              | connector                               | 10.8   | 25.6 ft |
|                    | 4.5 r  | mes were than  | •   | -               |                           |                   |                  | Ĭ.             |                |                      | MINISTERNA .        | 6.6  | 1251000313158                           | 555000000                               | 3.6                      | 000000000000000000000000000000000000000  | 201201119   | 6.4*        | 4500000000                              | 4.1                                     | SCHOOL STATE   | 5.8*         | 5030000000                              | REPOSE SE    | 3.0                                     | STEERNISE .  | 8.4 m   |
|                    | 15 f   | SOM FERROSCOPE |   | -               | -                         | ·                 | -                | -              | 450,500        | -                    |                     | THE PERSON NAMED IN  | cars-recrease-rec                       | 14.6*                                   |                          |  | *****   | 14.1*       | ADDISON/GIRAGE                          | 9.0                                     | -              | 12.8*        | merconous et                            | 7.5          | MOCKNESS                                | 10.4   | 27.6 ft |
| om: 5.47 m, 17'11" | 3 m    | 25.3 SSS2004   |   | -               |                           |                   |                  |                |                |                      | No believed         | SACHER SALE  | 200000000000000000000000000000000000000 | 200000000000000000000000000000000000000 | CHROSICOR                | metarcine.   |   | 7.2'        | 400000000000000000000000000000000000000 | CONTRACTOR OF                           | 4800000000     | 6.2'         | ACCESSES.                               | 9023233      | 2.7                                     | 23233203   | 8.8 m   |
| 3.2 m, 10'6"       | 10 f   | CONTRACTOR     | -   | -<br>ENERGINES  | -                         | -<br>s sectors    | -                | -              | -              | -                    | 11.0                | 18.7   | 16.5                                    | 20.3*                                   | INDERSONATION .          | consumers -  | enterent enter  | 15.9*       | economic array                          | 8.8                                     |                | 13.7*        | commency.                               | 6.8          | enesses en                              | 10.4*  | 28.9 ft |
| ger<br>blade       | 1.5 r  | NA MARKS       | -   | -               |                           |                   |                  |                |                | Ē                    | -                   | -  |   | •                                       | 3,1                      | 5.2  | 002000000   | courses:    | 2.3                                     |   | 2543503        | STREET       |   | MODE STATE   | 2.7                                     | \$2500000  | 8.8 m   |
| Diade              | 5 ft   | vice rentation | ~<br>000000000000000000000000000000000000 | -               | 19000000000               | -<br>9 ANNESSTE   | <br>- ARCHODENS  | _<br>000000000 | -              |                      | -<br>************** | -  |   | -<br>Innerstati                         | ATMANDERS.               | encasarem.   | 649999999   | 17.6*       | THE REPORT OF                           | 8.4                                     |                | 14.3         | CONTRACTOR IN                           | 6.6          | verenesses                              | 10.8   | 28.9 ft |
|                    | 0 m    | MAY TERRETAIN  | 7   | -               |                           |                   |                  | •              |                |                      | 4.3                 | 7.6  | CONTRACTOR OF                           | 11,6                                    | 223/02/2022              | 125662264  | 2222203   | 8.5*        | 2009/02/09/08                           | 25320565                                | 2223/22        | 6.7*         | 1.8                                     | 3,1          | CHESTRA                                 | 5.2'   | 8.6 m   |
|                    | O ft   | DESCRIPTIONS   | reconstruction to                         | -<br>trocupusor | 20000000                  | _<br>0 s000000000 | -<br>massiotia   | -              | 120000000      | -                    | overstance and the  | EDGESCHENOON   | marriage of                             | www.cococts                             | narraswa.                | MANAGEMENT .   |   | 18.7*       | *******                                 | 8.2                                     | esservations.  | 14.8*        | RCSS CLERCOND                           | 6.8          | estessesson                             | 11.5*  | 28.2 ft |
|                    | -1.5   | god vaccound   |   | -               |                           |                   | 7.4              | 7.8*           | 7.8*           | 7.8'                 | 4.2                 | 7,5  | E8000003                                | 11,3                                    | 2.9                      | ment of  | Districtory   | 8.4*        | 1010/01/02/03                           | 3.7                                     | 24000000000    | 6.4*         | SCHOOL SECTION                          | 3,3          | 20150000                                | 420000000000000000000000000000000000000  | 8.1 m   |
|                    | -5 f   | HAN HURHORN    | energy of                                 | -               | -                         | e potetora        | 16.3             | 17.2*          | 17.2           | 17.2*                | MODELL STREET       | **************************************   | NAME OF THE OWNER,                      | 24.9*                                   | en un den benen          | Grandonia.   | 00104040400   | 18.5*       | 4.9                                     | 8.2                                     | /.1            | 14.1*        | HARRISTON TO A                          | 10/2017/2010 | sameses/con                             | 20000000000  | 26.6 ft |
|                    | -3 n   | Help Moderate  |   | 1               | -                         |                   | •                | -              |                |                      | 4.2                 | 7.5  |   | 10'                                     | 2.9                      | 00000000   | 5200000   | 7.4*        |   |   |                |              | 2.4                                     | 4.0          | 3,5                                     | 2002/2012/202  | 7.1 m   |
|                    | -10    | ft 🗯           | -   | -               | -                         | -                 | -                | -              | -              | -                    | 9.3                 | 16.5   | 14.6                                    | 22.0                                    | 6.4                      | 11.0   | 9.7   | 16.3        | -                                       | -                                       | -              | -            | 5.3                                     | 8.8          | 1.1                                     | 12.6   | 23.3 ft |

# **Equipment**

|   | STANDARD EQUIPMENT  | EW180E  | EW220F |
|---|---|---------|--------|
|   | Engine  | LITTOOL | LITELO |
|   | Turbocharged, 4 stroke Volvo diesel engine with water   |         |        |
|   | cooling, direct injection and charged air cooler that meets EU Stage IV emission requirements | •       | •      |
|   | Intake air pre-heater   | •       | •      |
|   | ECO Mode  |         | •      |
|   | Fuel filter and water separator   | •       | •      |
|   | Fuel filler pump: 50 l/min (13.2 gal/min) with automatic shut-off                             | •       |        |
|   | Aluminium core radiator   | •       | •      |
|   | Electric / Electronic control system  |         |        |
| K | Contronics-computerized monitoring and diagnostic system                                      | •       |        |
|   | Adjustable automatic idling system  | •       | •      |
|   | One-touch power boost   |         |        |
|   | Adjustable monitor  | •       | •      |
|   | Safety stop/start function and master electrical disconnect switch                            | •       |        |
|   | 2 Frame mounted halogen lamps   | •       | •      |
|   | Alternator, 120 A   | •       | •      |
|   | Batteries, 2 x 12 V/140 Ah  | •       | •      |
|   | Start motor, 24 V/5.5 kW  |         | •      |
|   | CareTrack via GSM   | •       | •      |
|   | Rear view camera  | •       | •      |
|   | Side view camera right hand side  | •       | •      |
|   | Superstructure  |         |        |
|   | LED Rear lights   | •       |        |
|   | Service walkway with anti-slip grating  | •       | •      |
|   | Centralised lubricating point for slew bearing  | •       | •      |
|   | Undercarriage   |         |        |
|   | 2-speed power transmission plus creep speed   |         | •      |
|   | Oscillating front axle $\pm9^{\circ}$ with out mudguards/ $6^{\circ}$ with mudguards          | •       | •      |
|   | 2-circuit travel brakes   |         | •      |
|   | Maintenance-free propeller shafts   | •       | •      |
|   | Hydraulic system  |         |        |
|   | Load sensing hydraulic system   |         |        |
|   | Pressure relief system (servo accumulator)  | •       | •      |
|   | Proportional controlled visco-clutch cooling fan  |         |        |
|   | Hose rupture valve for boom and arm   | •       | •      |
|   | 11 1 11 11 11/10/10/10  |         |        |

|   | EW180E | EW220E |
|---|--------|--------|
| Cab and interior  |        |        |
| Volvo Care Cab with fixed roof hatch /ROPS              |        |        |
| - Cup holder  | •      | •      |
| - Door locks  |        | •      |
| - Safety glass, light tinted                            | •      | •      |
| - Floor mat   |        | •      |
| - Horn  | •      | •      |
| - Large storage area                                    |        | •      |
| - Pull-up type front window                             | •      | •      |
| - Removable lower windshield                            |        |        |
| - Retractable seat belt                                 | •      | •      |
| - Windshield wiper with washer and intermittent feature | •      | •      |
| Heater & air-conditioner, automatic                     | •      | •      |
| Hydraulic dampening cab mounts                          | •      | •      |
| Adjustable operator seat and joystick control console   | •      | •      |
| Adjustable steering column                              | •      | •      |
| Hydraulic safety lock lever                             | •      | •      |
| Control joystick, with 5 switches each                  | •      | •      |
| Bluetooth   | •      | •      |
| Radio with USB  |        | •      |
| Cab, all-weather sound suppressed, includes:            | •      | •      |
| - Operator programable switch on joystick               | •      |        |
| - Sun shield,front, roof & rear                         | •      | •      |
| - Master ignition key                                   |        | •      |
| Digging equipment                                       |        |        |
| Attachment points for extra hydraulics                  |        | •      |
| Centralised lubrication point                           | •      | •      |

# **Equipment**

| OPTIONAL EQUIPMENT   | EW180    | E EW220  |
|--|----------|----------|
| Engine   | LWIGO    | LILVILLO |
| Diesel coolant heater with digital timer   |          |          |
| Block heater, 240 V  |          |          |
| Water separator with heater  |          |          |
|  |          |          |
| Dust net   |          |          |
| Reversible fan   |          |          |
| Air inlet turbo pre-cleaning system  |          |          |
| Micro- mesh and sealing for engine compartment   |          |          |
| Tropical cooling   |          | •        |
| Automatic engine shutdown  |          | •        |
| Waste package  | <u>.</u> |          |
| Electric / Electronic control system   |          |          |
| Remote controlled welcome light  |          |          |
| Joystick steering/Comfort Drive Control (Road homologated)                                     |          | •        |
| Joystick steering/Comfort Drive Control without steering column (Not homologated for road use) | -        | •        |
| Multi-channel electric centre passage  | •        |          |
| Joystick Controlled Support (blade / outrigger function on LH joystick)                        | •        | •        |
| Travel alarm   |          |          |
| LED beacon   | •        |          |
| Extra work lights: (LED or halogen)  | •        | •        |
| - Cab rear 1 and counterweight 1   | •        | •        |
| - Boom-mounted 2   | •        | •        |
| - Cab front 2  |          | •        |
| LED cab light next to side camara  | •        | •        |
| 4 extra LED lights (2 on cab front extra and 2 on arm)   |          |          |
| Cruise control   | •        | •        |
| Anti-theft system  |          |          |
| Tilting and rotating attachment preparation  | •        | •        |
| LED beacon on cab and counterweight  |          |          |
| Superstructure   |          |          |
| License plate preparation  |          |          |
| Off road counterweight   | -        |          |
| Road homologated counterweight   | _        |          |
| Undercarriage  |          |          |
| Trailer Towing System  |          | -        |
| Twin tires 10.00 – 20 / 11.00 – 20   |          |          |
|  |          |          |
| Single tires 18R - 19.5 / 620 /40-22.5   |          | •        |
| Stone protection rings   |          |          |
| Solid rubber tires 10.00-20 / 11.00-20   |          |          |
| Front dozer blade and rear outriggers  |          | •        |
| Rear dozer blade   | •        |          |
| Front outriggers and rear dozer blade  | •        | •        |
| 4 outriggers   | •        |          |
| Grab holder  |          | •        |
| Mudguards, front/rear  |          |          |
| Tool box, left hand side/right hand side   | •        | •        |
| Drawer type toolbox  |          | •        |
| Travel speed 20 km/h (12.4 mi/h), 30 km/h (18.6 mi/h), 35 km/h (21.7 mi/h)                     |          | -        |
| Travel speed : 20 km/h (12.4 mi/h), 25 km/h (15.5 mi/h 30 km/h (18.6 mi/h)                     | ), _     |          |
| Wide axle 2.75 m (9'0")  | •        |          |
| Automatic digging brake  |          |          |

| OPTIONAL EQUIPMENT  |        | 1 9    |
|---|--------|--------|
|   | EW180E | EW220E |
| Hydraulic system  |        |        |
| Boom float function                                       |        | •      |
| Boom suspension system                                    | •      | •      |
| Hydraulic oil, biodegradable ISO VG32 and ISO 46          | •      | •      |
| Hydraulic long life oil ISO VG32 and ISO VG68             | •      | •      |
| Hydraulic equipment for:                                  |        | •      |
| Hammer & shears   | •      | •      |
| Slope bucket/rotator                                      |        |        |
| Grab/clam shell   | •      | •      |
| Quick fit   |        |        |
| Flow control  | •      | •      |
| Flow and pressure control                                 |        |        |
| Cab and interior  |        |        |
| Volvo Care Cab with openable PC roof hatch / ROPS         |        |        |
| Proportional control joystick                             |        | •      |
| L8 joystick   |        |        |
| Hydraulic proportional pedal for attachment control       |        | •      |
| Falling object guard (FOG)                                |        |        |
| Cab mounted falling object protective structures (FOPS)   | •      | •      |
| Rain shield, front  |        |        |
|   | •      |        |
| Sunlight protection, roof hatch (steel)                   |        |        |
| Safety net for front window                               |        |        |
| Lower wiper   |        |        |
| Anti-vandalism kit  |        |        |
| Second generation Steelwrist tiltrotator preparation      |        |        |
| Volvo Smart View = a 360° camera system with 3 cameras    |        |        |
| Ashtray   |        | •      |
| Lighter   |        |        |
| Mechanical Fabric seat, with/or without heater            |        | •      |
| Air suspension seat with heater and X isolator            |        |        |
| Luxury operator seat with aico and wide armrest           |        | •      |
| Hydraulically elevated cab                                | -      |        |
| Digging equipment   |        |        |
| Booms:  |        |        |
| - 5.2 m (17'1") monoblock                                 | •      | -      |
| - 5.47 m (17'11") 2-piece boom                            |        |        |
| - 5.7 m (18'8") monoblock                                 | _      | •      |
| - 5.72 m (18'9") 2-piece boom                             | _      |        |
|   |        | •      |
| Dipper arms: - 2.45 m (8'0"), 2.6 m (8'6"), 3.0 m (9'10") |        |        |
| - 2.45 m (8'0"), 2.6 m (8'6"), 2.9 m (9'6")               | _      | •      |
|   |        |        |
| - 3.2 m (10'6") grab arm                                  |        |        |
| Hydraulic quick fit                                       |        |        |
| S-type system (S1/S70)                                    |        | •      |
| Universal system  |        |        |
| Service   |        |        |
| Wheel chocks  |        | •      |
| Tool kit, daily maintenance                               |        |        |
| Automatic greasing system                                 |        |        |
| Attachments   | 12000  |        |
| Buckets, direct fit and quick fit:                        | •      |        |
| - General Purpose bucket (GP)                             |        | •      |
| - Heavy Duty bucket                                       |        | •      |
| - Slope bucket  | •      | •      |
| Lifting eye   | •      | 1      |
| Tilt rotator Steelwrist                                   | •      | •      |

### SELECTION OF VOLVO OPTIONAL EQUIPMENT

### Trailer towing system





Boom float



Range of seats



Tiltrotator joysticks and monitor







Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.



Volvo Construction Equipment North America ("Volvo CE") hereby extends to its authorized dealers ("Dealer") and the Dealer's end-use customers ("Customer", and both Dealer and Customer are referred to herein as a "Buyer"), who purchase a new Volvo construction equipment machine ("Machine") or new Volvo part ("Part",

Subject to the exceptions and limitations set forth below, Volvo CE or Dealer will repair or replace any part of a new Machine or new Part which proves to be defective in material or workmanship during the following periods

The Warranty Period commences immediately following the delivery of said Product to the Buyer who first puts said Product into use. The foregoing limited warranty shall include the labor cost to accomplish the repair or Volvo Construction Equipment North America

Warranty — Disclaimers — Limitations

Limited Warranty

Volvo Construction Equipment North America ("Obo CE") hereby extends to its authorized dealers ("Dealer" and the Dealer's end-use customers ("Customer"), and both Dealer and Customer are referred to herein as "Buyer"), who purchase a new Volvo construction equipment machine, "Machine" or new Valvo part ("Phile")

Subject to the exceptions and limitations set forth below. Volvo Ce To Dealer will regain replace any part of new Machine or new Part which proves to be defective in material or workmanship during the following period (the "Warranty Period"):

Volvo wheel loaders: 12 months/2500 bours, whichever first occurs

Volvo hydraulic exceavators: 12 months/2500 bours, whichever first occurs

Volvo myares: 12 months/2500 bours, whichever first occurs

Volvo compactors: 12 months/2500 bours, whichever first occurs

Volvo parces: 12 months/2500 bours, whichever first occurs

Volvo compact wheel loaders (up to 100 net hp.): 12 months/unlimited bours

Volvo compact hydraulic excavators (less than 11 metric tons): 12 months/unlimited bours

Volvo engines: 12 months/2500 bours, whichever first occurs

Volvo renardactured components: 12 months/unlimited bours

Volvo engines: 12 months/2500 bours, whichever first occurs

Volvo renardactured components: 12 months/unlimited bours

Volvo renardactured components: 12 months/unlimited bours

Volvo engines: 12 months/2500 bours, whichever first occurs The foregoing warranty does not cover: (i) any Product found to have been damaged by abuse, accident, other casualty or a failure to maintain or use the warranted Product in accordance with the applicable manuals or instructions (Buyer is required to use only original equipment manufacturer filters during the Warranty Period); (ii) the labor costs to repair or replace defective Parts after the expiration of the Warranty Period of the Machine in which such Part is located; (iii) overtime labor premiums; (iv) costs and expenses associated with the transportation of Dealer's service personnel to and from the location of the warranted Product; (v) any parts, components, attachments or accessories for which Buyer receives a separate warranty by the manufacturer or producer thereof (in specified cases said warranty may be administered by Volvo CE); (vi) maintenance items

THE FOREGOING WARRANTY TO BUYER IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS

REMEDIES AVAILABLE TO BUYER ARE LIMITED TO MAKING A CLAIM UNDER THE FOREGOING WARRANTY AND ARE EXCLUSIVE AND EXPRESSLY LIMITED TO OBTAINING THE PARTS AND LABOR IN

Warranty — Disclaimers — Limitations

LIMITATIONS OF LIABILITY AND DAMAGES

Regardless of whether a claim against Volvo CE or Dealer is based on the furegoing warranty or is an action in contract, tort (negligance or srift liability) or otherwise, their respective liability for losses, damages or expenses of any kind arising from the design, manufacture, repair or sale of the Products is limited, unless otherwise prohibited by law, to an amount not exceeding the cost performing the obligations contained in the foregoing warranty, and in no event shall their respective or joint liability exceed the value of the Product or part thereof giving rise to such liability.

CONSEQUENTIAL AND SIMILAR DAMAGES NOT RECOVERABLE

Except for performing the obligations of the furegoing warranty in accordance with its terms, Volvo CE and Dealer shall have no liability for loss, damage, or expense, directly or indirectly, attributable to a loss of ture of a Product, loss or damage to the Product or any part thereof or any other economic or commercial loss, including, without limitation, lost profils or special or consequential damages (except liability for any type of consequential damages which by law may not be disculationed). The parties intend that this prohibition against consequential damages will carvive and be effective even if the limitation of remedies in the foregoing warranty disclaimers, limitations of liability and limitation of remedies are bargained allocations of risks among (0) the Customer who purchased the Product, (ii) the Dealer who sold the Dealer of the Product of the Customer who purchased the Product, (ii) the Dealer who sold the Customer and the Dealer. The Bayes of the Product of the Customer who purchased the Product of the Product of the Product of the Product of the Customer who purchased the Product of the