



FLORIDA SHERIFFS ASSOCIATION BID FSA20-VEH18.0
ITEM #186 WHEEL LOADER 3.0 CUBIC YARD

Base Hitachi ZW180 Wheel Loader
73DA022 3.7 Cu. Yd. Bucket with Bolt-on Edge
TRA2041 20.5-R25 12 PR L-3 Radial Tires
73DD010 20.5 Rims

STANDARD EQUIPMENT

ENGINE	HYDRAULIC SYSTEM	ALARMS, GAUGES, INDICATORS	CAB
Air cleaner, double element Auto idle shut down Cold start (intake air heater) Cooling fan, automatic reversible, swing out type Cummins QSB6.7 diesel engine EGR System Fuel filter (Main) Fuel pre-filter, w/water separator Rain cap SCR catalyst and DOC VGT (variable geometry turbocharger) Work mode selector	Boom kick-out, dual (operator adjustable in cab) Bucket positioner (horizontal) Control lever, Single, pilot-assisted, w/ F-N-R switch, w/3rd aux function lever Control lever lock (electric) Control valve, 3-function, parallel and tandem control Pump, variable displacement, load-sensing Ride control w/load sensing valve and automatic shut-off Quick Coupler Control, lines and controls Steering, direct System, open-center, high-pressure, load-sensing	Alarms (Visual & Audible) Aftertreatment device (SCR) Air cleaner element Axle oil temperature Battery discharge warning Brake oil low pressure CAN network system DEF/AdBlue tank level/ quality/system Engine oil low pressure Engine trouble Engine warning Fuel filter (water in fuel) Hydraulic oil level Hydraulic oil temperature Main pump oil pressure Overheat (Engine Coolant) Transmission oil temperature Transmission warning Gauges DEF/AdBlue tank level Engine coolant temperature Fuel gauge Speedometer Tachometer Transmission oil temperature Indicators Aftertreatment device Air conditioner display Boom kick-out, dual Cold start Control lever lock Declutch ECO-Operating Status Fan reverse rotation F-N-R Selection F-N-R Switch enable High beam Parking brake Shift hold Time/Operating hour/ODO Transmission mode and status Turn signal w/4-way flashers/Marker Work light Work mode (Normal, Power)	ROPS Cab: Enclosed cab with sound suppression, front & rear wipers and washers, two rear view and side mirrors, tinted glass, full view latch-back doors, and sliding side windows. Accessory outlet, 12v Adjustable armrest/console AC/Heater/Pressurizer AM/FM/WB radio with AUX input Ashtray Cab dome lamps (2) Cigarette lighter, 24V Coat hook Cup holder (2) Floormat, sweep-out Retractable seat belt (3-inch) ROPS/FOPS certified Seat, Premium, Heated w/TLV suspension Steering column, telescoping and tilting w/quick-release pedal Storage box (heated/cooled) Storage tray Sun visor
POWERTRAIN	ELECTRICAL		OTHERS
Brakes, service Enclosed wet disc Dual system Inboard mounted Brake, parking Spring applied Oil pressure released Dry disc type Coolers, wide fin spacing Differential, limited slip type (F/R) Down-shift switch Drive shafts, low maintenance F-R direction selector (2-column mounted/ console mounted) 1st speed hold switch on side console Quick Power switch Transmission, automatic w/load sensing system Transmission declutch (3-position L/H/Off) Transmission mode selection (3-position AUTO1/MAN/AUTO2) Universal joints, sealed	24-volt electrical system Alternator (65 Amp) Back-up alarm Batteries (2), 12V, 930 CCA Battery disconnect switch Camera, rear-view Converter, 12V/15 Amp Horn, dual electric Instrument panel, LCD, Color Lights: 2 Headlights (halogen) 2 Forward working lights (hal.) 4 Rear working lights (hal.) 2 Stop/tail/backup (LED) Turn signal w/4-way flashers/marker		Articulation locking bar Counterweight Drawbar Fenders, front, w/mudflap Fenders, rear, half, deck-type, w/mudflap Global e-service, telematic monitoring system Ladders, inclined Lifting eyes Linkage pins, HN bushing Neutral safety start Rear grill, hinged Steps, rear Vandalism protection Z-bar loader linkage

Engine: CUMMINS QSB6.7 Diesel

Horsepower: 168 HP/2200 RPM (125 kW/2200 RPM) Net

Machine Price Includes Standard Tires and Rims: Radial, 20.5 R25 L3

Effective December 6, 2019

(Revised May 7, 2020)

(Subject to change without notice)

HCM ZW180-6 PRICE LIST

BUCKETS

General Purpose, 3.7 Cu. Yd. w/ Bolt-on Cutting Edge	73DA022
Material Handling, 4.2 Cu. Yd. w/ Bolt-on Cutting Edge	73DA042

QUICK COUPLER AND ATTACHMENTS

Hydraulic Quick Coupler, 416 Type	73DB016
48" Construction Utility Fork on 60" Carriage, 416 Type	73DB020
60" Construction Utility Fork on 60" Carriage, 416 Type	73DB021
General Purpose, 3.4 Cu.Yd. Bucket w/ Bolt-on Cutting Edge, 416 Type	73DA060
Hydraulic Quick Coupler, ISO Type	73DB017
48" Construction Utility Fork on 60" Carriage, ISO Type	73DB065
60" Construction Utility Fork on 60" Carriage, ISO Type	73DB066
General Purpose, 3.4 Cu.Yd. Bucket w/ Bolt-on Cutting Edge, ISO Type	73DA065

RIMS

20.5-25 3-PIECE RIM - STD Price Reference Only - STD Price Reference Only	73DD010
23.5-25 3-PIECE RIM W/ LOCK (EW820)	73DD020

TIRE SELECTION (Subject to Availability) (Rims must be selected)

Bias Ply, 20.5-25 16PR L2 (Brand not Specified)	TBP2041
Bias Ply, 23.5-25 20PR L3 (Brand not Specified)	TBP2342
Radial, 20.5 R25 L2T 1* MICHELIN XSNOPLUS	TMI2003
Radial, 20.5 R25 L3 (Brand not Specified) - STD Price Reference Only	TRA2041
Radial, 20.5 R25 L3 1* MICHELIN XHA2	TMI2001
Radial, 23.5 R25 L3 (Brand not Specified)	TRA2341
Radial, 23.5 R25 L3 1* MICHELIN XHA2	TMI2301

CAB ACCESSORIES

DUAL LEVER HYDRAULIC CONTROLS - Conversion Kit (Field Installed)						73D4045F	
FIRE EXTINGUISHER, 5 LB, 2A:10B:C RATED (w/ mounting) (Field Installed)						73D6110	
HEATED MIRRORS (Field Installed)						73D6120	
LIGHTS, LED (additional 2, mounted on cab), Front & Rear (Field Installed)						73D5120	
MONITOR, BACKUP CAMERA, Heavy-Duty, (Field Installed)							
7" High-Mount RLED Monitor w/Sunshade & Color Camera						73D6135	
REAR PROXIMITY DETECTION (for use w/ Backup Camera (73D6135)) (Field Installed)						73D6180	
SECONDARY STEERING						73D4050	
A	C			R	W	CAB PRE-FILTER (SY-KLONE © RESPA-CF2) (Field Installed)	73D6041

Recommended for Special Application :

A	C	H	L	R	W
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 = (A) Agriculture, (C) Chemical, (H) Hot Slag, (L) Logging, (R) Refuse, (W) Woodchip

(*) Long lead time, may increase delivery time.

(*) May ship separately from machine. Dealer responsible for freight.

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(Revised May 7, 2020)

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HCM ZW180-6 PRICE LIST

HYDRAULICS

4TH FUNCTION CONTROL, SINGLE LEVER (For Standard Lift Arm) (*)	73D4036
CUSHION DUMP VALVE (Field Installed)	73D4030

MAINTENANCE / SERVICEABILITY

GLOBAL E-SERVICE, Telematic Monitoring System (SAT version) (I.L.O. STD GSM version)	73D5020
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POWERTRAIN

COOLING SYSTEM CORES, STANDARD FIN SPACING (for High Ambient Temps) (*)						73D2031
ENGINE BLOCK HEATER, 120V (Field Installed)						73D2120
SPEED LIMIT PROGRAM (for 20.5 Tire) (Mandatory for solid tires) (Field Installed)						73D3045
A				W	ENGINE PRE-CLEANER (Turbine Style) (Field Installed)	73D2020

PROTECTION / GUARDING

BELLYGUARD, TRANSMISSION (Field Installed)					73D1030	
			R		BELLYGUARD, FRONT CHASSIS (*) (Field Installed)	73D1040
			R		CAB WINDSHIELD GUARD - Refuse (*) (Field Installed)	73D6035
			R		LIGHT GUARD, HEADLIGHT (Field Installed)	73D5050
			R		LIGHT GUARD, TAIL LIGHT (Field Installed)	73D5060
A			R	W	RADIATOR AREA SCREEN GUARD (Field Installed)	73D2040
			R		WHEEL SEAL GUARDS (*) (Field Installed)	73D3021

STRUCTURAL ACCESSORIES

FENDERS (Full Rear Fenders for 20.5 tire) (Field Installed)	73D1070						
FENDERS (Full Rear Fenders for 23.5 tire) (Field Installed)	73D1071						
HIGH LIFT ARM FOR MATERIAL HANDLING (*)	73D1050						
<table border="1"><tr><td></td><td></td><td></td><td>L</td><td></td><td></td></tr></table> COUNTERWEIGHT, For Logging (*) (Field Installed)				L			73D1020
			L				

Recommended for Special Application :

A	C	H	L	R	W
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 = (A) Agriculture, (C) Chemical, (H) Hot Slag, (L) Logging, (R) Refuse, (W) Woodchip

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ZW-6 series

HITACHI

Reliable solutions

ZW180

Tier 4 Final
Certified

173 hp 129 kW
Engine Output, Max, Gross
(ISO 14396)

168 hp 125 kW
Engine Output, Max, Net
(ISO 9249)

3.4 yd³ 2.6 m³
Bucket capacity

32,100 lbs 14,560 kg
Operating weight



SPECIFICATIONS

Model Name: ZW180-6, EPA Tier 4 Final/EU Stage IV Certified

ENGINE

Gross power (ISO 14396)	173 HP/2,200 RPM (129 kW/2,200 RPM)
Net power (ISO 9249)	168 HP/2,200 RPM (125 kW/2,200 RPM)
Make/Model	Cummins QSB6.7 diesel engine
Type	4-cycle, water-cooled, direct injection with turbocharger and air cooled intercooler
Fuel type	#2 Diesel (Requires ultra-low sulfur fuel.)
Fuel injection pump	Electronically controlled, common rail type
Governor	All speed electrical type
Cooling module type	Forced circulation type
Number of cylinders	6
Bore and stroke	4.2" x 4.8" (107mm x 124mm)
Total displacement	408 in ³ (6.69 liters)
Alternator	DC 24V-65A (1.5 kW)
Air cleaner	Dry type (double element) with restriction indicator
Starter motor	DC 24V-10.5 HP (7.8 kW)
Battery	DC 12V-930 CCA (140 Ah), 2 units

TORQUE CONVERTER AND TRANSMISSION

Torque converter	3-element, single-stage, 1-phase	
Transmission	Torque converter, countershaft type powershift with computer-controlled automatic shift and manual shift features included	
	Normal Mode	Power Mode
Speeds: Forward	1st: 3.7 MPH (5.9 km/hr)	3.9 MPH (6.3 km/hr)
	2nd: 7.14 MPH (11.5 km/hr)	7.6 MPH (12.2 km/hr)
	3rd: 10.8 MPH (17.4 km/hr)	11.5 MPH (18.5 km/hr)
	4th: 15.7 MPH (25.3 km/hr)	16.8 MPH (27.0 km/hr)
	5th: 23.7 MPH (38.5 km/hr)	23.9 MPH (38.5 km/hr)
Speeds: Reverse	1st: 3.9 MPH (6.2 km/hr)	4.1 MPH (6.6 km/hr)
	2nd: 7.5 MPH (12.1 km/hr)	8.0 MPH (12.9 km/hr)
	3rd: 16.5 MPH (26.5 km/hr)	17.6 MPH (28.3 km/hr)

SYSTEMS REFILL CAPACITY

LOCATION	GALLONS	LITERS
Fuel tank (diesel fuel)	64.7	245
Engine lubricant (including oil pan)	6.6	25
Engine coolant	8.7	33
T/M & T/C	7.9	30
Axle (front/rear)	9.0/9.0	34/34
Hydraulic oil tank	26.4	100
Hydraulic system (including hydraulic tank)	39.6	150
DEF/AdBlue® tank	6.6	25

HYDRAULIC AND STEERING SYSTEM

Steering type	Articulated frame steering	
Steering mechanism	Hydraulic power steering unit, double-acting piston type	
Lift (boom) cylinder	Two (2) double-acting piston type: 4.9" x 30.1" (125mm x 765mm)	
Tilt (bucket) cylinder	One (1) double-acting piston type: 5.9" x 19.5" (150mm x 495mm)	
Steering cylinder	Two (2) double-acting piston type: 2.8" x 17.4" (70mm x 442mm)	
Main oil pump	Variable displacement axial plunger pump: 55 GPM/3,974 PSI @ 2,200 RPM (210 LPM/27.4 MPa @ 2,200 RPM)	
Fan oil pump	13.8 GPM/2,640 PSI @ 2,200 RPM (52.1 LPM/18.2 MPa @ 2,200 RPM)	
Pilot oil pump	Fixed displacement gear pump: 9.3 GPM/2,248 PSI @ 2,200 RPM (35.1 LPM/15.5 MPa @ 2,200 RPM)	
Relief valve set pressure	Control	27.4 MPa (280kgf/cm ²) 3,974 PSI (27.4 MPa)
	Priority	25.4 MPa (260kgf/cm ²) 3,684 PSI (25.4 MPa)
HYDRAULIC CYCLE TIME* front end loading, Z bar linkage system		
	Normal Mode	Power Mode
Lifting time (at full load)	5.9 sec.	5.7 sec.
Lowering time (empty)	3.6 sec.	3.6 sec.
Bucket dumping time	1.3 sec.	1.3 sec.
TOTAL	10.8 sec.	10.6 sec.

* Measured in accordance with SAE J732C

AXLE SYSTEM

Drive system	4-wheel drive
Front and rear axle	Semi-floating type
Tires	20.5-25-12PR
Reduction and differential gear	Two-stage reduction with limited slip differential
Final reduction gear	Inboard mounted, heavy duty planetary gear
Oscillation angle	Total 24°(+12/-12)°

BRAKE SYSTEM






Service brakes	Inboard mounted fully hydraulic 4-wheel disc brake. Front and rear independent brake circuit.
Parking/Emergency brake	Spring-applied, hydraulically-released.

Remarks

- Materials and specifications are subject to change without notice and without any obligation on the part of the manufacturer.
- This information, while believed to be completely reliable, is not to be taken as warranty for which we assume legal responsibility.
- Dumping clearance and reach are measured from bucket edge in accordance with SAE J732C.
- Counterweight should not be used with tire ballast.
- This specification sheet may contain attachments and optional equipment not available in your area.

Please contact your local HCMA dealer for additional information.

BUCKET DATA

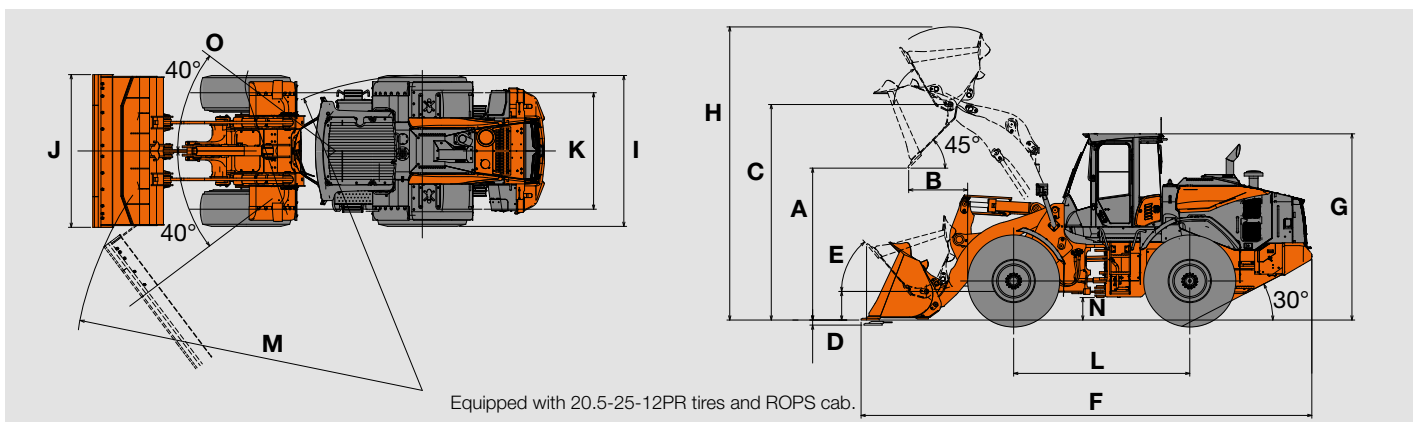
			Standard Arm				High Lift Arm
			General Purpose		Material Handling	Quick Coupler	Material Handling
			Straight Edge w/ Bolt-on Cutting Edge	Straight Edge w/ Teeth and Segments	Straight Edge w/ Bolt-on Cutting Edge	Straight Edge w/ Bolt-on Cutting Edge	Straight Edge w/ Bolt-on Cutting Edge
							
Capacity	Heaped	yd³ (m³)	3.7 (2.8)	3.7 (2.8)	4.2 (3.2)	3.4 (2.6)	3.7 (2.8)
	Struck	yd³ (m³)	3.3 (2.5)	3.3 (2.5)	3.5 (2.7)	3.0 (2.3)	3.3 (2.5)
A Maximum dumping clearance		ft-in (mm)	9' (2,760)	8'11" (2,680)	8'1" (2,730)	8'11" (2,680)	10'5" (3,170)
B Dumping reach (to front of bucket edge or tooth)		ft-in (mm)	3'8" (1,110)	3'1" (1,190)	3'11" (1,140)	3'1" (1,180)	4'2" (1,260)
C Max. hinge pin height		ft-in (mm)	12'11" (3,920)	12'11" (3,920)	12'11" (3,920)	12'11" (3,920)	12'11" (3,920)
D Digging depth (with bucket level)		in (mm)	4" (90)	4" (90)	4" (90)	4" (90)	6" (170)
Breakout force		lb (kN)	26,530 (118)	26,530 (118)	25,630 (114)	24,280 (108)	24,500 (109)
Bucket tilt-back angle	at ground level	degree	44°	44°	44°	44°	45°
	E at carry position	degree	50°	50°	50°	50°	50°
Overall	F Length	ft-in (mm)	26'4" (8,000)	26'8" (8,120)	26'6" (8,050)	26'8" (8,110)	27'1" (8,500)
	G Height (up to cab top)	ft-in (mm)	10'11" (3,280)	10'11" (3,280)	10'11" (3,280)	10'11" (3,280)	10'11" (3,280)
	H Height (bucket fully raised)	ft-in (mm)	17'4" (5,270)	17'4" (5,270)	17'6" (5,320)	17'6" (5,320)	18'8" (5,680)
	I Width (outside tire)	ft-in (mm)	8'7" (2,610)	8'7" (2,610)	8'7" (2,610)	8'7" (2,610)	8'7" (2,610)
	J Width (outside bucket)	ft-in (mm)	8'1" (2,730)	9' (2,760)	8'1" (2,730)	8'1" (2,730)	8'1" (2,730)
	K Tread	ft-in (mm)	6'10" (2,050)	6'10" (2,050)	6'10" (2,050)	6'10" (2,050)	6'10" (2,050)
L Wheel base		ft-in (mm)	10'2" (3,100)	10'2" (3,100)	10'2" (3,100)	10'2" (3,100)	10'2" (3,100)
Clearance Circle (bucket carry position)	M at outside of bucket	ft-in (mm)	20'5" (6,230)	20'7" (6,280)	20'6" (6,240)	20'7" (6,260)	21'2" (6,440)
	at outside of tire	ft-in (mm)	18'4" (5,580)	18'4" (5,580)	18'4" (5,580)	18'4" (5,580)	18'4" (5,580)
N Minimum ground clearance		ft-in (mm)	1'4" (395)	1'4" (395)	1'4" (395)	1'4" (395)	1'4" (395)
O Full articulation angle		degree	40°	40°	40°	40°	40°
Operating weight (with ROPS cab)*		lb (kg)	32,100 (14,560)	32,170 (14,590)	32,280 (14,640)	32,650 (14,810)	32,540 (14,760)
Static tipping load (with ROPS cab)*	Straight	lb (kg)	26,680 (12,100)	26,590 (12,060)	26,540 (12,040)	24,600 (11,160)	21,050 (9,550)
	Full turn	lb (kg)	23,020 (10,440)	22,950 (10,410)	22,880 (10,380)	21,160 (9,600)	18,060 (8,190)

Note: All dimensions, weight and performance data based on ISO 6746-1:1987, ISO 7137:2009 and ISO 7546:1983

: Static tipping load and operating weight marked with include 20.5-25-12PR tires (No ballast) with lubricants, full fuel tank and operator.

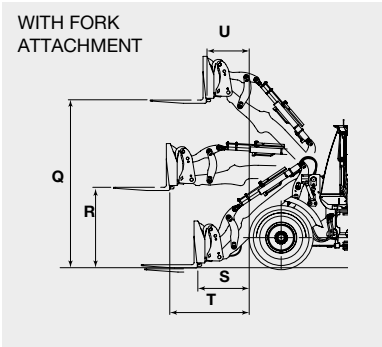
Machine stability and operating weight depend on counterweight, tire size and other attachments.

DIMENSIONS



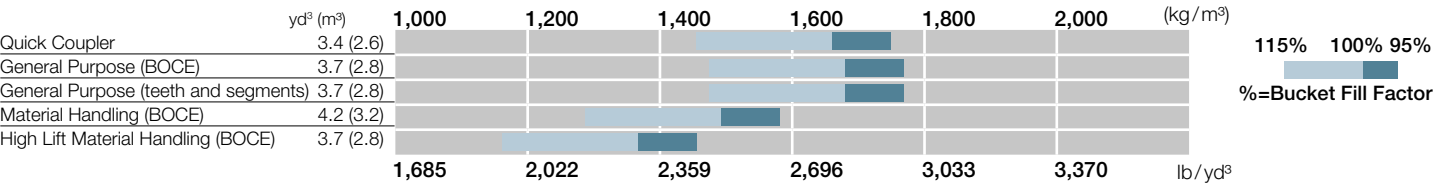
SPECIFICATIONS

ZW180 FORK SPECIFICATIONS



Attachment type		ISO (48)	416 (48)	ISO (60)	416 (60)
Q	Max. stacking height	ft	11'6"	11'6"	11'6"
R	Height of fork at maximum reach	ft (mm)	5'8"	5'10"	5'10"
S	Reach at ground level	ft (mm)	4'1"	3'8"	4'1"
T	Max. reach	ft (mm)	5'11"	5'7"	5'11"
U	Reach at max. stacking height	ft (mm)	3'2"	2'11"	3'2"
Static tipping load	Straight	lbf	16,482	16,755	15,620
	Full 40 degree turn	lbf	14,221	14,457	13,477
Max. payload per EN 474-3, 80 %		lb	11,377	11,566	10,782
Max. payload per EN 474-3, 60 %		lb (kg)	5,533	8,674	8,086
SAE allowable load		lb (kg)	7,111	7,228	6,769
Operating weight *		lb (kg)	31,540	31,526	31,642

BUCKET SELECTION CHART



EQUIPMENT DATA

STANDARD EQUIPMENT

ENGINE

Air cleaner, double element
Auto idle shut down
Cold start (intake air heater)
Cooling fan, automatic reversible, swing-out type
Cummins QSB6.7 diesel engine
EGR (exhaust gas recirculation)
Fuel filter (main)
Fuel pre-filter, w/water separator
Pre-Cleaner (turbine style)
SCR (selective catalytic reduction) catalyst and DOC (diesel oxidation catalyst)
VGT (variable geometry turbocharger)
Work mode selector

POWERTRAIN

Brakes, service
Enclosed wet disc
Dual system
Inboard mounted
Brake, parking
Spring applied
Oil pressure released
Dry disc type
Cooling cores, wide fin spacing (clog resistant)
Differential, limited slip (F/R)
Down-shift switch
Drive shafts, low maintenance
F-R direction selector (2-column mounted/HYD-control lever mounted)
1st speed hold switch on side console
Quick Power switch
Transmission, automatic w/load sensing system
Transmission declutch (3-position L/H/Off)
Transmission mode selection (3-position AUTO1/MAN/AUTO2)
Universal joints, sealed

HYDRAULIC SYSTEM

Boom kick-out, dual (operator adjustable in cab)
Bucket positioner (horizontal)
Control lever, single, pilot-assisted w/1 aux lever for 3rd function control
Control lever lock (electric)
Control valve, 3-spool, parallel and tandem control
Pump, variable displacement, load-sensing
Quick coupler control lines and controls
Ride control w/load sensing valve and automatic shut-off
Steering, direct
System; open-center, high-pressure, load-sensing

ELECTRICAL

24-volt electrical system
Back-up alarm
Batteries (2), 12V, 1000 CCA
Battery disconnect switch
Camera, rear-view
Converter, 12V/15 Amp
Horn, dual electric
Instrument panel, LCD, color
Lights:
2 Headlights (halogen)
2 Forward working lights (halogen)
4 Rear working lights (halogen)
2 Stop/tail/backup (halogen)
Turn signal w/4-way flashers/marker

CAB

ROPS cab: Enclosed cab with sound suppression, front & rear wipers and washers, two rear view and side mirrors, tinted glass, full view latch-back doors, sliding side windows.
Accessory outlet, 12V,
Adjustable armrest/console
Air conditioner/heater/pressurizer
AM/FM/WB radio with AUX input
Ashtray
Cab dome lamps (2)
Cigarette lighter, 24V
Coat hook
Cup holder (2)
Floor mat, sweep-out
Retractable seat belt (3-inch)
ROPS/FOPS certified, ISO 3449 Level II compliance
Seat, premium, heated w/air ride suspension
Steering column, telescoping and tilting
w/quick-release pedal
Storage box (heated/cooled)
Storage tray
Sun visor

OTHERS

Articulation locking bar
Counterweight
Drawbar
Fenders, front, w/mudflap
Fenders, rear, deck-type, w/mudflap
Global e-Service, telematic monitoring system
Ladders, inclined
Lifting eyes
Linkage pins, HN bushing
Neutral safety start
Rear grill, steel
Steps, rear
Vandalism protection
Z-bar loader linkage

ALARMS, GAUGES, INDICATORS

Alarms (visual & audible)	Aftertreatment device
	Air cleaner element
	Axle oil temperature
	Battery discharge warning
	Brake oil low pressure
	CAN network system
	DEF/AdBlue tank level/quality/system
	Engine coolant temp
	Engine oil low pressure
	Engine trouble
	Engine warning
	Fuel filter (water in fuel)
	Hydraulic oil level
	Hydraulic oil temperature
Gauges	Main pump oil pressure
	Transmission oil temp
	Transmission warning
	DEF/AdBlue tank level
Indicators	Engine coolant temperature
	Fuel gauge
	Speedometer
	Tachometer
	Transmission oil temperature
	Aftertreatment device regeneration
	Air conditioner display
	Auto idle shutdown
	Boom kick-out, dual
	Cold start
	Control lever lock
	Declutch
	Eco-operating status
	Fan reverse rotation
	F-N-R selection
	F-N-R switch enable
	High beam
	Parking brake
	Shift hold
	Time/operating hour/ODO
	Transmission mode and status
	Turn signal w/4-way flashers/marker
	Work light
	Work mode (Normal, Power)

OPTIONAL EQUIPMENT

Belly guard, front chassis, transmission (rear)
Bolt-on cutting edges
Cooling cores, standard spacing (high ambient)
Counterweight for logging
Dual lever hydraulic control
Engine block heater
Fenders, rear, full, w/mudflap
4th function control
Global e-Service (satellite version)
Heated mirrors
High lift arm
Quick coupler and attachments
Radiator area screen guard
Wheel seal guards

Standard and optional equipment may vary by country, so please consult your Hitachi dealer for details.