

**PACKAGE ARRANGEMENT (1)**

Product	Approx. Weight	List Price
DL320-7-US10	19,727.00 KG	252,710.15 USD

DL320-7-US10  
 Base Machine With Standard Front  
 Differentials - Limited Slip Differential Front / Rear  
 Without Bucket  
 Steel Cab with Integrated ROPS/FOPS  
 Tires: 23.5R25,L3, Triangle  
 Air Suspension Seat  
 Thumb Wheel Joystick  
 Transmission: 4F / 3R Torque Converter  
 3.0 Telematics  
 Radio

**OPTIONAL EQUIPMENT - Factory Installed (19)**

Option	CODE	Description	List Price
ADDITIONAL COUNTERWEIGHT	400	882LB ADDITIONAL COUNTERWEIGHT	3,005.95 USD
CABIN HANDRAIL(TOP)	HDR	CABIN TOP HANDRAIL	514.56 USD
ENGINE COOLANT HEATER	110	110V PLUG HEATER	514.56 USD
EMERGENCY STEER	ESS	EMERGENCY STEER / SECONDARY STEERING	2,117.12 USD
LOAD ISOLATION SYSTEM	LIH	HYDRAULIC LOAD ISOLATION SYSTEM	4,505.60 USD
Additional Brake Pedal	ABP	ADDITIONAL BRAKE PEDAL	99.84 USD
AIR COMPRESSOR	ACO	AIR COMPRESSOR	2,803.20 USD
MIRROR	ADE	ADJUSTABLE MIRROR, REMOTE ELECTRIC	1,886.72 USD
NOISE KIT	NOF	NOISE KIT WITH FRONT	1,774.08 USD
Weighing System	WEI	DOOSAN INTEGRATED WEIGHING SYSTEM	1,344.00 USD
HEAD LAMP	LED	WORK LIGHTS 2 FRONT	399.36 USD
HEAD LAMP	4L4	WORK LIGHTS 4 FRONT AND 4 REAR	925.00 USD
HEAD LAMP	6L6	WORK LIGHTS 6 FRONT AND 6 REAR	1,497.50 USD
ROOF COVER	RFC	CAB ROOF COVER	1,144.32 USD
ROTATING BEACON	ROB	ROTATING BEACON	171.52 USD
CAMERA	AVC	AROUND VIEW CAMERA W/BACKUP SENSOR	2,565.00 USD

TRANSPARENT VIEW	TPB	TRANSPARENT BUCKET	3,005.44 USD
FENDER	FUL	REAR FULL FNDR W/FNT FNDR, FNT FNDR HAS MUD GUARD AND RUBBER PROTECTOR	3,320.32 USD
FENDER	RPF	STEEL FRONT FENDER W/RUBBER PROTECTOR	972.80 USD

**Attachments - Dealer Installed (27)**

Attachment	Description	Approx. Weight	List Price
109640-10-DL-A	L3180 LOADRITE SCALE	10.00	10,968.32 USD
109640-11-DL-A	L3180 LOADRITE SCALE AND LP950 PRINTER	12.00	12,730.72 USD
118031-10-DL-A	LP950 LOADRITE PRINTER	2.00	2,262.55 USD
186-1760D	AUTO LUBRICATON SYSTEM	0.00	6,546.00 USD
7203954	PALLET FORKS - JRB QC; 106 IN. WIDE CARRIAGE; 72 IN. TINE LENGTH	2,891.00	15,828.96 USD
7225063	PALLET FORKS - ISO QC; 106 IN. WIDE CARRIAGE; 72 IN. TINE LENGTH	2,830.00	14,389.96 USD
7235385	PALLET FORKS - ISO QC; 106 IN. WIDE CARRIAGE; 96 IN. TINE LENGTH	3,112.00	16,861.82 USD
7235387	PALLET FORKS - ISO QC; 106 IN. WIDE CARRIAGE; 84 IN. TINE LENGTH	2,969.00	15,753.34 USD
7235389	PALLET FORKS - JRB QC; 106 IN. WIDE CARRIAGE; 96 IN. TINE LENGTH	3,171.00	18,548.01 USD
7235391	PALLET FORKS - JRB QC; 106IN WIDE CARRIAGE; 84IN TINE LENGTH	3,028.00	17,328.68 USD
7243007	12' SNOW PUSHER; BKT MOUNT	2,200.00	5,304.00 USD
7243008	14' SNOW PUSHER; BKT MOUNT	2,400.00	5,610.00 USD
7254050	QUICK COUPLER, ISO STYLE (Standard Lift)	1,065.00	9,110.09 USD
7254074	QUICK COUPLER, JRB STYLE (Standard Lift)	1,441.00	10,021.09 USD
7273853	GPBKT; 114IN 4.0YD; JRB QC; BOCE	3,299.00	14,167.21 USD
7273854	GPBKT; 114IN 4.0YD; JRB QC; BOT	3,519.00	16,697.96 USD
7273855	GPBKT; 114IN 4.0YD; ISO QC; BOCE	3,328.00	13,866.24 USD
7273856	GPBKT; 114IN 4.0YD; ISO QC; BOT	3,550.00	16,697.96 USD
7273889	GPBKT; 120IN 4.5YD; PIN ON; BOCE	3,784.00	14,543.11 USD
7273890	GPBKT; 120IN 4.5YD; PIN ON; BOT	3,970.00	17,373.76 USD

7273891	GPBKT; 120IN 4.5YD; JRB QC; BOCE	3,506.00	14,936.35 USD
7273892	GPBKT; 120IN 4.5YD; JRB QC; BOT	3,691.00	17,373.76 USD
7273893	GPBKT; 120IN 4.5YD; ISO QC; BOCE	3,497.00	14,543.11 USD
7273894	GPBKT; 120IN 4.5YD; ISO QC; BOT	3,682.00	17,373.76 USD
7389868	GRAPPLE BKT; 120IN 3.50YD; JRB QC; BOCE	4,947.00	18,915.71 USD
7389869	GRAPPLE BKT; 120IN 3.50YD; ISO QC; BOCE	4,924.00	18,915.71 USD
7389870	GRAPPLE BKT; 120IN 3.75YD; PIN ON; BOCE	5,368.00	20,807.28 USD

## STANDARD EQUIPMENT FOR BASE MACHINE (12)

Item	Description
ENGINE:	<p>Doosan DL08: Turbo Charged, Air to Air Intercooled, T4 Electronically Controlled Common Rail Direct Injected 446 cu.in., 6 Cylinder 271 SAE Gross Flywheel Horsepower @ 1,800 RPM Air Cleaner: Dry Type (Double Stage) Engine Self Diagnostic System Reversible Fan Driven by Hydraulic Fan Motor Auto Idle</p>
HYDRAULIC SYSTEM:	<p>Variable Displacement Axial Piston Pump Closed-Center (LS) Hydraulic Systems with Variable Pumps, Pilot Control with Float Spool, 2 Spools 3rd Valve with Lines &amp; Control (lines terminate at boom base) Automatic Boom / Lift - Kick-Out (Set and Adjust from inside the cab) Automatic Return-to-Dig Position (Adjustable Electro-Magnetic) Accumulator for Emergency Pilot System</p>
BRAKE SYSTEM:	<p>Dual Pedal Braking system 4 Wheel Outboard Wet Disc Brakes with Separate Front &amp; Rear Circuits Accumulator for Emergency Stopping Parking Brake: Spring Apply Hydraulic Release, sliding caliper disc brake on the face of the transmission Heavy Duty Brakes, Increase brake force 6 Disc Wet</p>
STEERING:	<p>Load Sensing Type with a Flow Amplifier and a Priority Valve 40 Degree Articulation, Full Hydraulic Power Steering Steering Cylinder Cushion Valve Tilt and Telescopic Steering Wheel Electric Joystick Steering US50 / US51</p>
	<p>Air Conditioner Heater &amp; Defroster Double Filtered Air Cab Combination Lever Rear View Camera Accelerator Pedal Transmission Lever Rear Hinged &amp; Locking Doors (Both sides) / Right side is emergency access door Switches: Transmission Shift Switch (Manual, Auto 1-4 and Auto 2-4) Economy Mode Switch (Power, Normal &amp; Economy Modes) Headlight Switch Front Work Light Switch</p>

CAB ROPS/FOPS	Rear Work Light Switch Rear Wiper Switch Pilot Cutoff Switch Parking Brake Switch Transmission Cutoff Switch Mirror Heater Switch Reverse Fan Switch Display Screen Control Switch Display Screen Selector Switch Hazard Warning Light Switch Boom Kick Out Switch Side View Mirrors with Heat Safety Glass, Tinted Fully Adjustable Air Suspension Seat with Heat Seat Belt (2 Wide) Sliding Door Windows (Left Side)
TRANSMISSION / AXLES:	Full Automatic Power Shift 4 Forward & 3 Reverse Speeds, with Torque Converter; US10, US11, US20, US21 5 Forward & 3 Reverse Speeds, with Lock Up Torque Converter; US50, US51 Differentials - US10 / US20 / US50 = Limited slip front and rear Differentials - US11 / US21 / US51, Hydraulic locking front with open rear Self Adjusting Brake Disc Clearance Torque Converter, Fixed Wheel Stator Electrical T/M Clutch Disconnect with Service Brake T/M Down Shift on Shift Control and Joy Stick Control Transmission Oil Level Gauge
ELECTRICAL:	Alternator, 80 Amp., 28 Volt Batteries, (2) 12 Volt, 200 Amp, 1300 CCA Starter, 24 Volt 6 KW Horn Key Fob; Entry and starting Lights: (2) Front Headlights with High / Low Beams (2) Stop Lights, Tail Lights & Directional Indicators (2) Front Floodlights (LED) (4) Rear Floodlights (2 roof mounted, 2 mounted in rear grill) Alarm Buzzer for: Transmission Overheat Engine Oil Pressure Coolant Temperature Electronic Monitoring & Display for: Fuel Level Gauge DEF Level Gauge Engine Coolant Temperature Gauge Transmission Oil Temperature Gauge Speedometer Tachometer ECO Bar Transmission Actual Gear Transmission Gear Select Preheat Indicator Light Air Cleaner Warning Light Multi Function Gauge Trip Meter Battery Voltage Total Time of Operation Left Turn Signal Right Turn Signal Hazard Warning Light High Beam Light Work Light Light Reverse Fan Light Mirror Heater Light Parking Brake Light F/R (Forward/Reverse) Selector Light Brake Fluid Pressure Warning Light

	Charge Warning Symbol Engine Oil Pressure Warning Transmission Warning Engine Warning Water in Fuel Warnings DEF Low Level Warning SCR Failure Warning Back-Up Alarm																											
TIRES:	23.5R25,L3,Triangle																											
OTHER STANDARD EQUIPMENT:	Single Lever Control with FNR Control Buttons Air Cleaner with Pre-cleaner Engine Side Covers Boom / Float Drawbar and Pin Neutral Safety Start System Muffler Fenders, Front & Rear Ladders & Service Platforms Manuals, Parts & Operator's Remote Drain Ports																											
OPERATING WEIGHT:	41,502 lbs																											
AUTO LUBE/GREASE SYSTEM (NOT STANDARD EQUIPMENT)	Auto Lube (SKF / Lincoln): Listed under Dealer Installed Options, price is the kit only (186-1760D) Installation Options: 1. By your dealership, install video included. Install cost, based on your labor rate. First time install should take about 2 days. Once familiar with install, about a day 2. At NACUP (Savannah), by our SKF vendor, Air and Hydraulics (AHE), \$2,200-\$2800  Kit comes with pump bracket but modification is required, for factory fit, order pump bracket and front valve bracket from parts. Part #'s are as follows <table><tr><td>110406-07214A</td><td>Pump Bracket</td><td>1 ea</td></tr><tr><td>110406-05501</td><td>Front Valve Bracket</td><td>1 ea</td></tr><tr><td>S05090666</td><td>Bolt</td><td>3 ea</td></tr><tr><td>S0509066</td><td>Bolt</td><td>4 ea</td></tr><tr><td>S5010513</td><td>Washer</td><td>3 ea</td></tr><tr><td>S5102503</td><td>Washer</td><td>4 ea</td></tr><tr><td>S0558166</td><td>Bolt</td><td>4 ea</td></tr><tr><td>S5010503</td><td>Washer</td><td>4 ea</td></tr><tr><td>120804-00078</td><td>Washer</td><td>4 ea</td></tr></table> Approximate cost for above parts \$72	110406-07214A	Pump Bracket	1 ea	110406-05501	Front Valve Bracket	1 ea	S05090666	Bolt	3 ea	S0509066	Bolt	4 ea	S5010513	Washer	3 ea	S5102503	Washer	4 ea	S0558166	Bolt	4 ea	S5010503	Washer	4 ea	120804-00078	Washer	4 ea
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LOADRITE SCALE SYSTEM (NOT STANDARD EQUIPMENT)	Loadrite Scales: Order is placed through Doosan PO cut to Loadrite. Loadrite will coordinate with your dealership for installation. Install will be done at your dealership or at customer location. Price is inclusive of Install, Calibration and Customer training. Warranty is covered by Loadrite																											