

621F/XT/XR

WHEEL LOADER • TIER 4 INTERIM CERTIFIED

ENGINE

Make	Case / FPT
Model	F4HFE613Z
	Tier 4 Interim certified
Туре	4-stroke, turbocharged
	and air-to-air-cooled
Cylinders	6-cylinder in-line
Bore / Stroke	4.09 in x 5.20 in
	(104 X 132 mm)
Displacement	411 in ³ (6.7 L)
Fuel injection D	Direct injection (electronic)
Fuel	#2 Diesel
(#1 & 2 mixture pern	nitted for cold temperature)
	B20 biodiesel tolerant
Fuel filter	Replaceable, full flow
	spin-on cartridge
Fuel pump	Bosch CR/CP3
Fuel cooler	
Gradeability	
Side-to-side	35°
Fore and aft	35°
Air filter	Dry type elements
w/ wa	arning restriction indicator
Mid-mount cooling mod	dule
External independe	ent-mounted coolers
Fan	
Style	8 blade puller
Diameter	32 in (813 mm)
Water pump	Integral
Engine oil	
Pump	Deep sump plate cooler
	with pressurized
D	under-piston nozzles
Pump operating angle	
Side-to-side Fore and aft	35° 35°
Oil filtration	Replaceable,
	full flow spin-on cartridge
Engine speeds	Tan now opin on oar mago
Rated speed, full load	d 2000 RPM
Horsepower – per SAE	
Max power mode:	01043
Peak gross @ 1800	RPM 172 hp (128 kW)
Net rated @ 2000 R	
Peak net @ 2000 RF	
Standard power mod	
Net rated @ 2000 R	
Peak net @ 1600 RI	,
. 5251 0 1000111	

NOTE: Gross horsepower and torque per SAE J1995 Net horsepower and torque per SAE J1349

101 hp (75 kW)

125 hp (93 kW)

Economy power mode:

Net rated @ 2000 RPM

Peak net @ 1400 RPM

ENGINE (CONTD.)

Torque – Pea	k	Voltage
Max power	mode:	Alternator
Gross	538 lb·ft (730 N·m) @1600 RPM	Batteries
Net	510 lb·ft (692 N·m) @1600 RPM	
Standard p	ower mode:	
Gross	530 lb·ft (719 N·m) @1300 RPM	HYDRAULIC
Net	508 lb·ft (689 N·m) @1000 RPM	Pump (steering / in

527 lb·ft (715 N·m) @1200 RPM

Net 508 lb·ft (689 N·m) @1200 RPM Torque rise

Gross

33% Max power mode

DRIVETRAIN

Economy power mode:

Transmission 4F/3R proportional with Electronic Control Module torque sensing auto / manual shift and modulation

Gears	Helical cut
Torque converter	
Stall ratio	4 speed
	2.66:1

Differential (standard axles) Limited slip on front and rear axles

	24° total
Front	Rear
3.18	3.18
6.40	6.40
20.34	20.36
	Front 3.18 6.40

Heavy duty axles (optional)

Front axle equipped with locking differential Rear axle equipped with open differential

Planetaries		Outboard
4-speed transn	nission travel speeds	1
(mph (km/h)	with 20.5 x 25 L3 tire	es)
	Forward	Reverse
1st	4.3 (6.9)	4.5 (7.3)
2nd	8.4 (13.5)	8.8 (14.2)
3rd	14.9 (23.9)	15.6 (25.0)
4th	24.0 (38.6)	

NOTE: Travel speeds at full engine throttle.

Parking brakes

Spring-applied hydraulic release disc on transmission output shaft

Service brakes

Hydraulically actuated, maintenance-free, multiple wet disc with accumulator to all four wheels Brake surface area per hub 480 in² (0.31 m²)

ELECTRICAL

Voltage	24 Volts, negative ground
Alternator	65 amp
Batteries	(2) 700 CCA12-volt batteries

CS

mplement) Closed center pressure / flow compensated

Variable displacement maximum flow 5.49 in3 (90cc)/rev 45.2 gpm @ 2000 RPM @ 3600 psi (171 L/min @ 2000 RPM @ 24 822 kPa)

Loader control valve

Closed-center, load-sensing, sectional 2, 3 or 4-spool with pilot control for lift, tilt and auxiliary hydraulics, regenaration for bucket dump circuit, electromagnetic detents in float, raise and rollback

Loader secondary steering (optional) Hydraulic orbital center-pivot articulating with on-demand oil flow

High pressure standby

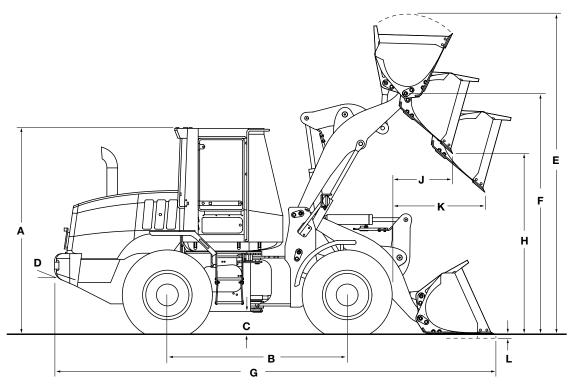
Implement 3625 psi (25 000 kPa) Steering 3500 psi (24 132 kPa)

Filtration

10-micron, full flow replaceable cartridges on return line furnish only clean oil to all components of the system, condition indicator light for filter

CYLINDERS

Lift cylinder	
Bore diameter	4.75 in (120.6 mm)
Rod diameter	2.50 in (63.5 mm)
Stroke	31.00 in (787.6 mm)
Dump cylinder (Z-Bar an	d XR)
Bore diameter	5.00 in (127.0 mm)
Rod diameter	3.00 in (76.2 mm)
Stroke	24.40 in (619.7 mm)
Dump cylinders (XT)	
Bore diameter	4.50 in (114.0 mm)
Rod diameter	2.50 in (63.5 mm)
Stroke	32.60 in (819.9 mm)



DIMENSIONS

A. Height to top of ROPS cab	133.7 in (3395 mm)
B. Wheelbase	114.2 in (2900 mm)
C. Ground clearance	14.6 in (370 mm)
D. Angle of departure	27°
Width	
Overall* w/o bucket	99.3 in (2523 mm)
Centerline tread	76.8 in (1950 mm)
Turning radius* – outside of tires	206.5 in (5245 mm)
Turning angle	
From center	40°
Total angle	80°
Rear axle oscillation, total	24°

NOTE: *Dimensions taken with 20.5R25 Michelin XTLA tires. For transport dimensions, refer to specific bucket width and overall length on pages 3 through 9.

WEIGHT ADJUSTMENTS

Select Options	Weight Adjustment	Tipping Load Adjustment Straight	Tipping Load Adjustment 40° Turn
20.5x25 12 ply L2 tires	-100 lb (-45 kg)	-72 lb (-33 kg)	-64 lb (-29 kg)
20.5x25 16 ply L2 tires	-44 lb (-20 kg)	-31 lb (-14 kg)	-28 lb (-13 kg)
20.5x25 12 ply L3 tires	+228 lb (+104 kg)	+166 lb (+75 kg)	+146 lb (+66 kg)
20.5x25 16 ply L3 tires	-228 lb (-103 kg)	-179 lb (-81 kg)	-158 lb (-72 kg)
20.5 R25 XHA TL tires	+380 lb (+173 kg)	+276 lb (+125 kg)	+244 lb (+111 kg)
Standard counterweight	-854 lb (-387 kg)	-2,021 lb (-917 kg)	-1,694 lb (-768 kg)
Belly pan	+302 lb (+137 kg)	+231 lb (+105 kg)	+228 lb (+103 kg)
Secondary steering	+80 lb (+36 kg)	+69 lb (+31 kg)	+67 lb (+30 kg)

NOTE: Unit equipped with Z-Bar loader arms, 2.5 yd³ (1.9 m³) general purpose pin on bucket with bolt-on edge, 20.5R25 XTLA Michelin tires, ROPS cab with heater and air conditioner, full counterweight, standard batteries, front and rear fenders, full fuel and 175 lb (79 kg) operator. Adjust select options from rated weight.

621	F Z-Bar	2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge	2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only	2.75 yd ³ Medium Density Pin On (2.1 m ³) Bucket w/ Bolt-on Edge
	SAE bucket capacity – struck	2.15 yd³ (1.64 m³)	2.05 yd³ (1.57 m³)	2.32 yd³ (1.77 m³)
	Heaped	2.50 yd³ (1.91 m³)	2.39 yd³ (1.83 m³)	2.68 yd³ (2.05 m³)
	Bucket width – outside	102.4 in (2602 mm)	102.4 in (2602 mm)	102.4 in (2602 mm)
	Bucket weight	1,918 lb (870 kg)	1,832 lb (831 kg)	1,989 lb (902 kg)
<u>E.</u>	Operating height – fully raised w/ spillguard	194.0 in (4928 mm)	194.0 in (4928 mm)	195.1 in (4956 mm)
F.	Hinge pin height – fully raised	150.8 in (3831 mm)	150.8 in (3831 mm)	150.8 in (3831 mm)
<u>G.</u>	Overall length – bucket level on ground	285.0 in (7239 mm)	290.8 in (7386 mm)	288.0 in (7315 mm)
	Dump angle – fully raised	52°	52°	52°
Н.	Dump height – fully raised, 45° dump	114.0 in (2896 mm)	110.3 in (2801 mm)	112.1 in (2847 mm)
	Bucket reach – fully raised, 45° dump	36.2 in (919 mm)	40.3 in (1023 mm)	38.1 in (969 mm)
<u>к.</u>	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	57.8 in (1468 mm)	60.0 in (1524 mm)	58.8 in (1493 mm)
<u>. </u>	Operating load – ISO	9,906 lb (4493 kg)	10,039 lb (4554 kg)	9,780 lb (4436 kg)
_	Maximum material density – SAE	. , , , , , , , , , , , , , , , , , , ,	3,788 lb/yd³ (2248 kg/m³)	. , , , , , , , , , , , , , , , , , , ,
	<u> </u>	3,578 lb/yd³ (2123 kg/m³)	3,766 lb/yd° (2246 kg/fff°)	3,292 lb/yd³ (1954 kg/m³)
	Tipping load – ISO Straight 40° turn	22,557 lb (10 232 kg) 19,811 lb (8986 kg)	22,845 lb (10 362 kg) 20,078 lb (9107 kg)	22,283 lb (10 107 kg) 19,560 lb (8872 kg)
	Lift capacity			
	Full height	16,316 lb (7401 kg)	16,411 lb (7444 kg)	16,237 lb (7365 kg)
	Maximum reach Ground	23,022 lb (10 443 kg) 26,158 lb (11 865 kg)	23,123 lb (10 489 kg) 27,615 lb (12 526 kg)	22,935 lb (10 403 kg) 24,745 lb (11 224 kg)
	Breakout force w/ tilt cylinder	26, 158 lb (11 865 kg) 27,222 lb (12 348 kg)	24,045 lb (12 526 kg) 24,045 lb (10 907 kg)	
		21,222 ID (12 340 KY)	24,040 ID (10 907 Kg)	25,426 lb (11 533 kg)
	Maximum rollback Ground	40°	40°	40°
	Carry position	43°	43°	43°
	@ Maximum reach	52° 55°	52° 55°	52° 55°
_	@ Full height			
<u>L.</u>	Dig depth	2.9 in (74 mm)	3.2 in (80 mm)	3.2 in (80 mm)
	Maximum grading angle w/ bucket – back dragging	58°	59°	59°
	Loader clearance circle w/ bucket	451.5 in (11 469 mm)	454.9 in (11 554 mm)	453.2 in (11 512 mm)
621	F/XT	2.5 yd ³ General Purpose (1.9 m ³) Bucket w/ JRB-Compatible Coupler w/ Bolt-on Cutting Edge	2.5 yd ³ General Purpose (1.9 m ³) Bucket w/ JRB-Compatible Coupler w/ Teeth Only	2.5 yd³ General Purpose (1.9 m³) Bucket w/ ACS-Compatible Couple w/ Bolt-on Cutting Edge
E.	Operating height – fully raised w/ spillguard	210.8 in (5353 mm)	212.0 in (5384 mm)	207.6 in (5274 mm)
F.	Hinge pin height – fully raised	155.8 in (3958 mm)	155.8 in (3958 mm)	155.8 in (3957 mm)
G.	Overall length – bucket level on ground	302.3 in (7679 mm)	308.1 in (7826 mm)	296.6 in (7534 mm)
	Dump angle – fully raised	55°	55°	55°
H.	Dump height – fully raised, 45° dump	107.8 in (2737 mm)	104.0 in (2642 mm)	111.5 in (2831 mm)
<u>J.</u>	Bucket reach – fully raised, 45° dump	51.3 in (1304 mm)	55.4 in (1408 mm)	47.1 in (1196 mm)
к.	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	70.2 in (1782 mm)	72.0 in (1828 mm)	67.9 in (1726 mm)
	Operating load – ISO	8,260 lb (3747 kg)	8,279 lb (3755 kg)	8,388 lb (3805 kg)
	Operating load 100		0,273 lb (0700 kg)	0,000 ib (0000 kg)
	Maximum material density SAE		3 006 lb/vd3 (1937 kg/m3)	2 007 lb/vd3 (1778 kg/m3)
	Maximum material density – SAE	2,973 lb/yd³ (1764 kg/m³)	3,096 lb/yd³ (1837 kg/m³)	2,997 lb/yd³ (1778 kg/m³)
	Maximum material density – SAE Tipping load – ISO Straight 40° turn		3,096 lb/yd³ (1837 kg/m³) 18,968 lb (8604 kg) 16,557 lb (7510 kg)	2,997 lb/yd³ (1778 kg/m³) 19,265 lb (8739 kg) 16,776 lb (7610 kg)
	Tipping load – ISO Straight 40° turn Lift capacity	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg)
	Tipping load – ISO Straight 40° turn Lift capacity Full height	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg)
	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg)
	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg)
	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg)
621	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg)
621	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd ⁹ Medium Density Pin On (2.1 m ⁹)
	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge
E .	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm)
E. F.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm)
E .	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm)
E. F. G.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm)
E. F. G.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm)
E. F. G.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump Bucket reach – fully raised, 45° dump	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump Bucket reach – fully raised, 45° dump	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised, 45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm)
E. F. G.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket FXR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm) 8,221 lb (3729 kg) 3,006 lb/yd³ (1784 kg/m³) 18,818 lb (8536 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm) 8,330 lb (3778 kg) 3,182 lb/yd³ (1888 kg/m³)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm) 8,121 lb (3684 kg) 2,767 lb/yd³ (1642 kg/m³) 18,602 lb (8438 kg)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket FXR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm) 8,221 lb (3729 kg) 3,006 lb/yd³ (1784 kg/m³)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm) 8,330 lb (3778 kg) 3,182 lb/yd³ (1888 kg/m³)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm) 8,121 lb (3684 kg) 2,767 lb/yd³ (1642 kg/m³)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket FXR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised,45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm) 8,221 lb (3729 kg) 3,006 lb/yd³ (1784 kg/m³) 18,818 lb (8536 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm) 8,330 lb (3778 kg) 3,182 lb/yd³ (1888 kg/m³)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm) 8,121 lb (3684 kg) 2,767 lb/yd³ (1642 kg/m³) 18,602 lb (8438 kg)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised, 45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm) 8,221 lb (3729 kg) 3,006 lb/yd³ (1784 kg/m³) 18,818 lb (8536 kg) 16,442 lb (7458 kg) 20,464 lb (9282 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm) 8,330 lb (3778 kg) 3,182 lb/yd³ (1888 kg/m³) 19,053 lb (8642 kg) 16,660 lb (7557 kg) 15,932 lb (7227 kg) 20,576 lb (9333 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm) 8,121 lb (3684 kg) 2,767 lb/yd³ (1642 kg/m³) 18,602 lb (8438 kg) 16,242 lb (7367 kg) 15,765 lb (7151 kg) 20,367 lb (9238 kg)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised, 45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm) 8,221 lb (3729 kg) 3,006 lb/yd³ (1784 kg/m³) 18,818 lb (8536 kg) 16,442 lb (7458 kg) 20,464 lb (9282 kg) 25,427 lb (11 533 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm) 8,330 lb (3778 kg) 3,182 lb/yd³ (1888 kg/m³) 19,053 lb (8642 kg) 16,660 lb (7557 kg) 15,932 lb (7227 kg) 20,576 lb (9333 kg) 25,651 lb (11 635 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm) 8,121 lb (3684 kg) 2,767 lb/yd³ (1642 kg/m³) 18,602 lb (8438 kg) 16,242 lb (7367 kg) 15,765 lb (7151 kg) 20,367 lb (9238 kg) 25,192 lb (11 427 kg)
E. F. G. H.	Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach Ground Breakout force w/ tilt cylinder Loader clearance circle w/ bucket F XR Operating height – fully raised w/ spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised Dump height – fully raised, 45° dump Bucket reach – fully raised, 45° dump Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity Full height Maximum reach	2,973 lb/yd³ (1764 kg/m³) 18,938 lb (8590 kg) 16,520 lb (7493 kg) 14,122 lb (6406 kg) 20,417 lb (9261 kg) 30,056 lb (13 633 kg) 22,793 lb (10 339 kg) 453.7 in (11 523 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Bolt-on Edge 210.3 in (5341 mm) 167.1 in (4244 mm) 301.2 in (7650 mm) 46° 130.3 in (3309 mm) 36.8 in (934 mm) 71.6 in (1820 mm) 8,221 lb (3729 kg) 3,006 lb/yd³ (1784 kg/m³) 18,818 lb (8536 kg) 16,442 lb (7458 kg) 20,464 lb (9282 kg)	18,968 lb (8604 kg) 16,557 lb (7510 kg) 14,191 lb (6437 kg) 20,492 lb (9295 kg) 29,901 lb (13 563 kg) 23,890 lb (10 836 kg) 456.3 in (11 590 mm) 2.5 yd³ High Density Pin On (1.9 m³) Bucket w/ Teeth Only 210.3 in (5341 mm) 167.1 in (4244 mm) 306.9 in (7796 mm) 46° 126.5 in (3214 mm) 40.9 in (1038 mm) 74.1 in (1882 mm) 8,330 lb (3778 kg) 3,182 lb/yd³ (1888 kg/m³) 19,053 lb (8642 kg) 16,660 lb (7557 kg) 15,932 lb (7227 kg) 20,576 lb (9333 kg)	19,265 lb (8739 kg) 16,776 lb (7610 kg) 14,044 lb (6370 kg) 20,188 lb (9157 kg) 34,702 lb (15 740 kg) 25,313 lb (11 482 kg) 451.3 in (11 462 mm) 2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Bolt-on Edge 211.4 in (5369 mm) 167.1 in (4244 mm) 304.1 in (7725 mm) 46° 128.3 in (3259 mm) 38.7 in (984 mm) 72.8 in (1848 mm) 8,121 lb (3684 kg) 2,767 lb/yd³ (1642 kg/m³) 18,602 lb (8438 kg) 16,242 lb (7367 kg) 15,765 lb (7151 kg) 20,367 lb (9238 kg)

621F Z-Bar	2.75 yd ³ Medium Density Pin On (2.1 m ³) Bucket w/ Teeth Only	3.0 yd ³ Low Density Pin On (2.3 m³) Bucket w/ Bolt-on Edge	3.0 yd ³ (2.3 m ³) Bucket w/ Grapple w/ Bolt-on Edge
SAE bucket capacity – struck	2.22 yd³ (1.70 m³)	2.56 yd³ (1.96 m³)	2.56 yd³ (1.96 m³)
Heaped	2.59 yd³ (1.98 m³)	3.00 yd³ (2.29 m³)	3.00 yd³ (2.29 m³)
Bucket width - outside	102.4 in (2602 mm)	102.4 in (2602 mm)	102.4 in (2602 mm)
Bucket weight	1,903 lb (863 kg)	2,090 lb (948 kg)	3,553 lb (1612 kg)
E. Operating height – fully raised w/ spillguard	195.1 in (4956 mm)	198.1 in (5033 mm)	198.1 in (5031 mm)
F. Hinge pin height – fully raised	150.8 in (3831 mm)	150.8 in (3831 mm)	150.7 in (3829 mm)
G. Overall length – bucket level on ground	293.8 in (7461 mm)	290.7 in (7383 mm)	290.7 in (7385 mm)
Dump angle – fully raised	52°	52°	51°
H. Dump height – fully raised, 45° dump	108.3 in (2751 mm)	110.3 in (2802 mm)	110.2 in (2799 mm)
J. Bucket reach - fully raised, 45° dump	42.2 in (1072 mm)	39.9 in (1013 mm)	39.9 in (1013 mm)
K. Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	60.9 in (1547 mm)	59.7 in (1515 mm)	59.6 in (1514 mm)
Operating load – ISO	9,911 lb (4496 kg)	9,649 lb (4377 kg)	8,876 lb (4026 kg)
Maximum material density – SAE	3,455 lb/yd³ (2050 kg/m³)	2,899 lb/yd³ (1720 kg/m³)	2,627 lb/yd³ (1559 kg/m³)
Tipping load – ISO Straight 40° turn	22,567 lb (10 236 kg) 19,823 lb (8992 kg)	22,000 lb (9979 kg) 19,298 lb (8754 kg)	20,443 lb (9273 kg) 17,752 lb (8052 kg)
Lift capacity Full height Maximum reach Ground	16,331 lb (7408 kg) 23,036 lb (10 449 kg) 26,080 lb (11 830 kg)	16,129 lb (7316 kg) 22,818 lb (10 350 kg) 23,226 lb (10 535 kg)	14,710 lb (6672 kg) 21,439 lb (9724 kg) 19,047 lb (8640 kg)
Breakout force w/ tilt cylinder	22,636 lb (10 267 kg)	23,967 lb (10 871 kg)	21,598 lb (9797 kg)
Maximum rollback Ground Carry position @ Maximum reach @ Full height	40° 43° 52° 55°	40° 43° 52° 55°	41° 44° 53° 55°
L. Dig depth	3.4 in (86 mm)	3.4 in (86 mm)	3.5 in (88 mm)
Maximum grading angle w/ bucket – back dragging	60°	59°	61°
Loader clearance circle w/ bucket	456.7 in (11 599 mm)	454.8 in (11 552 mm)	454.7 in (11 548 mm)

621F/XT		2.5 yd ³ General Purpose (1.9 m³) Bucket w/ ACS-Compatible Coupler w/ Teeth Only
E.	Operating height – fully raised w/ spillguard	207.6 in (5274 mm)
<u>F.</u>	Hinge pin height – fully raised	155.8 in (3958 mm)
G.	Overall length – bucket level on ground	302.3 in (7679 mm)
	Dump angle – fully raised	55°
H.	Dump height – fully raised, 45° dump	107.7 in (2737 mm)
J.	Bucket reach - fully raised, 45° dump	51.1 in (1299 mm)
K.	Bucket reach - 7 ft 0 in (2.13 m) height, 45° dump	70.0 in (1777 mm)
	Operating load – ISO	8,496 lb (3854 kg)
	Maximum material density – SAE	3,171 lb/yd³ (1882 kg/m³)
	Tipping load – ISO Straight 40° turn	19,498 lb (8844 kg) 16,992 lb (7707 kg)
	Lift capacity Full height Maximum reach Ground	14,184 lb (6434 kg) 20,290 lb (9203 kg) 35,917 lb (16 292 kg)
	Breakout force w/ tilt cylinder	26,699 lb (12 110 kg)
	Loader clearance circle w/ bucket	453.8 in (11.527 mm)

NOTE:

*Z-Bar performance data shown w/ full counterweight. **XT lift arm with buckets for ACS Pro Series 2000® size 30 HD coupler. ***XT lift arm with bucket for Case coupler.

Performance data unit equipped with 20.5R25 Michelin XHA TL tires, ROPS cab w/ heater and A/C, full counterweight, standard batteries, front and rear fenders, full fuel and 175 lb (75 kg) operator. Specifications per SAE J732, J1234, J695, J742, and J818.

621F XR		2.75 yd³ Medium Density Pin On (2.1 m³) Bucket w/ Teeth Only	3.0 yd³ Low Density Pin On (2.3 m³) Bucket w/ Bolt-on Edge	3.0 yd³ (2.3 m³) Low Density Pin On Bucket w/ Grapple w/ Bolt-on Edge
E.	Operating height – fully raised w/ spillguard	211.4 in (5369 mm)	214.4 in (5446 mm)	198.1 in (5031 mm)
F.	Hinge pin height – fully raised	167.1 in (4244 mm)	167.1 in (4244 mm)	150.7 in (3829 mm)
G.	Overall length – bucket level on ground	309.8 in (7870 mm)	306.8 in (7791 mm)	290.7 in (7385 mm)
	Dump angle - fully raised	46°	46°	51°
Н.	Dump height – fully raised,45° dump	124.6 in (3164 mm)	126.6 in (3215 mm)	110.2 in (2799 mm)
J.	Bucket reach - fully raised, 45° dump	42.8 in (1088 mm)	40.5 in (1029 mm)	39.9 in (1013 mm)
K.	Bucket reach - 7 ft 0 in (2.13 m) height, 45° dump	75.2 in (1909 mm)	73.7 in (1873 mm)	59.6 in (1514 mm)
	Operating load – ISO	8,229 lb (3733 kg)	8,015 lb (3635 kg)	8,876 lb (4026 kg)
	Maximum material density – SAE	2,904 lb/yd³ (1723 kg/m³)	2,438 lb/yd³ (1447 kg/m³)	2,627 lb/yd³ (1559 kg/m³)
	Tipping load – ISO Straight 40° turn	18,834 lb (8543 kg) 16,458 lb (7465 kg)	18,375 lb (8335 kg) 16,030 lb (7271 kg)	20,443 lb (9273 kg) 17,752 lb (8052 kg)
	Lift capacity Full height Maximum reach Ground	15,857 lb (7192 kg) 20,479 lb (9289 kg) 25,415 lb (11 528 kg)	15,661 lb (7104 kg) 20,240 lb (9181 kg) 24,904 lb (11 296 kg)	14,710 lb (6672 kg) 21,439 lb (9724 kg) 19,047 lb (8640 kg)
	Breakout force w/ tilt cylinder	23,307 lb (10 572 kg)	24,684 lb (11 197 kg)	21,598 lb (9797 kg)
	Loader clearance circle w/ bucket	472.0 in (11 990 mm)	470.0 in (11 938 mm)	456.1 in (11 585 mm)

621F Z -Bar	4.5 yd ³ Low Density Pin On (3.4 m ³)	2.5 yd ³ General Purpose (1.9 m ³) Bucket on Z-Bar Coupler	2.5 yd³ General Purpose (1.9 m³) Bucket on Z-Bar Coupler
	Bucket w/ Bolt-on Edge	(JRB-Compatible) w/ Bolt-on Edge	(JRB-Compatible) w/ Teeth Only
SAE bucket capacity – struck	4.50 yd ³ (3.44 m ³)	2.12 yd³ (1.62 m³)	2.05 yd³ (1.57 m³)
Heaped	4.50 yd ³ (3.44 m ³)	2.49 yd³ (1.90 m³)	2.39 yd³ (1.83 m³)
Bucket width – outside	102.4 in (2602 mm)	102.4 in (2602 mm)	102.6 in (2605 mm)
Bucket weight	2,180 lb (989 kg)	2,815 lb (1277 kg)	2,728 lb (1237 kg)
E. Operating height – fully raised w/ spillguard	212.9 in (5407 mm)	200.3 in (5087 mm)	200.3 in (5088 mm)
F. Hinge pin height – fully raised	150.8 in (3831 mm)	150.8 in (3830 mm)	150.8 in (3830 mm)
G. Overall length – bucket level on ground	302.8 in (7691 mm)	293.8 in (7462 mm)	299.6 in (7609 mm)
Dump angle – fully raised	51°	52°	52°
H. Dump height – fully raised, 45° dump	102.3 in (2597 mm)	108.4 in (2752 mm)	104.6 in (2657 mm)
J. Bucket reach – fully raised, 45° dump	47.9 in (1216 mm)	42.9 in (1089 mm)	47.0 in (1193 mm)
K. Bucket reach - 7 ft 0 in (2.13 m) height, 45° dump	63.0 in (1599 mm)	61.6 in (1564 mm)	63.5 in (1613 mm)
Operating load – ISO	9,217 lb (4181 kg)	8,853 lb (4016 kg)	8,974 lb (4071 kg)
Maximum material density – SAE	1,839 lb/yd³ (1091 kg/m³)	3,202 lb/yd³ (1900 kg/m³)	3,371 lb/yd³ (2000 kg/m³)
Tipping load – ISO Straight 40° turn	21,033 lb (9540 kg) 18,435 lb (8362 kg)	20,277 lb (9198 kg) 17,706 lb (8031 kg)	20,538 lb (9316 kg) 17,948 lb (8141 kg)
Lift capacity Full height Maximum reach Ground	16,060 lb (7285 kg) 22,768 lb (10 327 kg) 17,709 lb (8033 kg)	15,373 lb (6973 kg) 22,036 lb (9995 kg) 17,650 lb (8006 kg)	15,469 lb (7016 kg) 22,137 lb (10 041 kg) 18,437 lb (8363 kg)
Breakout force w/ tilt cylinder	18,517 lb (8399 kg)	21,822 lb (9898 kg)	23,097 lb (10 476 kg)
Maximum rollback Ground Carry position @ Maximum reach @ Full height	41° 44° 53° 55°	40° 43° 52° 55°	40° 43° 52° 55°
L. Dig depth	4.4 in (112 mm)	3.0 in (75 mm)	3.2 in (82 mm)
Maximum grading angle w/ bucket – back dragging	64°	60°	62°
Loader clearance circle w/ bucket	462.1 in (11 737 mm)	456.7 in (11 599 mm)	460.3 in (11 692 mm)

621F XR		4.5 yd ³ Low Density Pin On (3.44 m ³) Bucket w/ Bolt-on Edge	2.5 yd ³ General Purpose (1.9 m ³) Bucket on Z-bar Coupler (JRB-Compatible) w/ Bolt-on Edge	2.5 yd ³ General Purpose (1.9 m ³) Bucket on Z-bar Coupler (JRB-Compatible) w/ Teeth Only
E.	Operating height – fully raised w/ spillguard	229.1 in (5820 mm)	216.5 in (5500 mm)	216.6 in (5500 mm)
F.	Hinge pin height – fully raised	167.1 in (4244 mm)	167.0 in (4243 mm)	167.0 in (4243 mm)
G.	Overall length - bucket level on ground	318.8 in (8096 mm)	309.9 in (7873 mm)	315.7 in (8018 mm)
	Dump angle – fully raised	46°	46°	46°
Н.	Dump height – fully raised,45° dump	118.5 in (3010 mm)	124.6 in (3165 mm)	120.9 in (3070 mm)
J.	Bucket reach – fully raised, 45° dump	48.5 in (1232 mm)	43.5 in (1104 mm)	47.6 in (1208 mm)
K.	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	77.7 in (1974 mm)	75.8 in (1926 mm)	78.0 in (1982 mm)
	Operating load - ISO	7,704 lb (3494 kg)	7,349 lb (3333 kg)	7,450 lb (3379 kg)
	Maximum material density – SAE	1,557 lb/yd³ (924 kg/m³)	2,689 lb/yd³ (1596 kg/m³)	2,832 lb/yd³ (1680 kg/m³)
	Tipping load – ISO Straight 40° turn	17,679 lb (8019 kg) 15,408 lb (6989 kg)	16,945 lb (7686 kg) 14,697 lb (6667 kg)	17,162 lb (7784 kg) 14,899 lb (6758 kg)
	Lift capacity Full height Maximum reach Ground	15,598 lb (7075 kg) 20,106 lb (9120 kg) 24,037 lb (10 903 kg)	14,919 lb (6767 kg) 19,397 lb (8798 kg) 23,402 lb (10 615 kg)	15,011 lb (6809 kg) 19,508 lb (8849 kg) 23,624 lb (10 716 kg)
	Breakout force w/ tilt cylinder	19,009 lb (8623 kg)	22,523 lb (10 216 kg)	23,817 lb (10 803 kg)
	Loader clearance circle w/ bucket	477.9 in (12 140 mm)	471.9 in (11 987 mm)	475.9 in (12 089 mm)

6211	F Z-Bar	2.5 yd° General Purpose (1.9 m°) Bucket on Z-Bar Coupler (ACS-Compatible) w/ Bolt-on Edge	2.5 yd ³ General Purpose (1.9 m ³) Bucket on Z-Bar Coupler (ACS-Compatible) w/ Teeth Only
	SAE bucket capacity – struck	2.15 yd³ (1.64 m³)	2.05 yd ³ (1.57 m ³)
	Heaped	2.50 yd³ (1.91 m³)	2.39 yd³ (1.83 m³)
	Bucket width – outside	102.4 in (2602 mm)	102.6 in (2605 mm)
_	Bucket weight	2,815 lb (1277 kg)	2,728 lb (1237 kg)
E.	Operating height – fully raised w/ spillguard	199.2 in (5059 mm)	199.2 in (5060 mm)
F.	Hinge pin height – fully raised	150.8 in (3829 mm)	150.8 in (3830 mm)
G.	Overall length – bucket level on ground	292.1 in (7419 mm)	297.8 in (7563 mm)
	Dump angle – fully raised	52°	52°
H.	Dump height – fully raised, 45° dump	109.5 in (2781 mm)	105.8 in (2687 mm)
J.	Bucket reach - fully raised, 45° dump	41.7 in (1059 mm)	45.7 in (1162 mm)
K.	Bucket reach - 7 ft 0 in (2.13 m) height, 45° dump	61.0 in (1550 mm)	63.0 in (1600 mm)
	Operating load – ISO	8,888 lb (4032 kg)	9,005 lb (4084 kg)
	Maximum material density – SAE	3,192 lb/yd³ (1894 kg/m³)	3,378 lb/yd³ (2005 kg/m³)
	Tipping load – ISO Straight 40° turn	20,381 lb (9245 kg) 17,776 lb (8063 kg)	20,634 lb (9359 kg) 18,009 lb (8169 kg)
	Lift capacity Full height Maximum reach Ground	15,194 lb (6892 kg) 21,868 lb (9919 kg) 18,685 lb (8475 kg)	15,279 lb (6930 kg) 21,959 lb (9960 kg) 19,536 lb (8861 kg)
	Breakout force w/ tilt cylinder	22,527 lb (10 218 kg)	23,886 lb (10 834 kg)
	Maximum rollback Ground Carry position @ Maximum reach @ Full height	40° 43° 52° 55°	40° 43° 52° 55°
L.	Dig depth	2.9 in (73 mm)	3.1 in (79 mm)
	Maximum grading angle w/ bucket – back dragging	60°	61°
	Loader clearance circle w/ bucket	455.6 in (11 573 mm)	459.2 in (11 663 mm)

621F XR		2.5 yd³ General Purpose (1.9 m³) Bucket on Z-bar Coupler (ACS-Compatible) w/ Bolt-on Edge	2.5 yd³ General Purpose (1.9 m³) Bucket on Z-bar Coupler (ACS-Compatible) w/ Teeth Only
E.	Operating height – fully raised w/ spillguard	215.4 in (5472 mm)	215.5 in (5473 mm)
F.	Hinge pin height – fully raised	167.0 in (4242 mm)	167.0 in (4243 mm)
G.	Overall length – bucket level on ground	308.2 in (7829 mm)	313.9 in (7973 mm)
	Dump angle – fully raised	46°	46°
Н.	Dump height – fully raised,45° dump	125.7 in (3194 mm)	122.0 in (3100 mm)
J.	Bucket reach – fully raised, 45° dump	42.3 in (1074 mm)	46.3 in (1177 mm)
K.	Bucket reach - 7 ft 0 in (2.13 m) height, 45° dump	75.2 in (1909 mm)	77.4 in (1966 mm)
	Operating load – ISO	7,347 lb (3333 kg)	7,444 lb (3376 kg)
	Maximum material density – SAE	2,670 lb/yd³ (1584 kg/m³)	2,826 lb/yd³ (1677 kg/m³)
	Tipping load – ISO Straight 40° turn	16,968 lb (7697 kg) 14,695 lb (6666 kg)	17,175 lb (7791 kg) 14,887 lb (6753 kg)
	Lift capacity Full height Maximum reach Ground	14,734 lb (6683 kg) 19,246 lb (8730 kg) 23,441 lb (10 633 kg)	14,816 lb (6721 kg) 19,347 lb (8776 kg) 23,652 lb (10 728 kg)
	Breakout force w/ tilt cylinder	23,260 lb (10 550 kg)	24,641 lb (11 177 kg)
	Loader clearance circle w/ bucket	470.8 in (11 958 mm)	474.7 in (12 058 mm)

INSTRUMENTATION

Electronic Information Center

Displays / gauges

Analog

Fuel level

Engine coolant temperature

Transmission oil temperature

Hydraulic oil temperature

LCD screen

(metric / English; multiple languages)

Hour meter

Engine speed

Travel speed

Current gear selection

FNR indication

Clock

Trip computer

Fuel consumption

Fuel level percentage

DEF (Diesel Exhaust Fluid) gauge

Oil pressure

Coolant temperature

Engine oil temperature

Transmission oil temperature

Transmission sump oil temperature

Hydraulic oil temperature

Turbocharger air temperature

Differential lock indicator*

Joystick steering indicator*

Automatic transmission indicator

De-clutch indicator

Engine mode indicator

Engine diagnostics

Transmission diagnostics

System voltage

Error reporting

Indicator lights

Low fuel Turn signals

Four-way flashers

High beam lights

Grid heater'

Brake pressure

Master indicator

Secondary steering*

Parking brake

Audible / visual alarms

Caution alarm

Parking brake Coolant temperature

Hydraulic oil temperature

Transmission oil temperature

Air filter

Transmission filter

Hydraulic filter

Alternator

I ow fuel

Critical alarm Engine oil pressure

Brake pressure

Steering pressure (w/ secondary steering)*

Coolant temperature

Hydraulic oil temperature

Transmission oil temperature

Backup alarm

Horn

NOTE: *If equipped with option.

OPERATOR ENVIRONMENT

ROPS / FOPS cab w/ heat

Kev start

Articulated power steering w/ tilt column

Fully adjustable, suspension seat

Foot throttle

1-Lever loader control w/ wrist rest

Cup holder

Coat hook

(1) Interior rearview mirror

2 in (51 mm) retractable seat belt

Storage tray behind seat

Lunch box compartment

Single brake pedal

F/N/R shuttle switch

Glove box

Pressurized air filtering

Anti-glare window strip

Defroster

Side window, partial / fully open

Dome light

Wipers, rear and intermittent front

Windshield washers, front and rear

Rubber floor mat

LOADER

Z-bar loader linkage

Single control for lift and tilt

Positive hold float

Automatic return-to-dig

Automatic height control

Automatic return-to-travel

Brake pedal transmission disconnect Bucket position indicator on bucket

CYCLE TIME

Raise w/ rated bucket load	
Z-Bar and XR	6.3 sec
XT	6.5 sec
Dump w/ rated bucket load	_
Z-Bar and XR	1.2 sec
XT	2.4 sec
Lower (empty)	
Power down	
Z-Bar and XR	4.4 sec
XT	4.2 sec
Float down	
Z-Bar and XR	4.8 sec
XT	4.2 sec

SERVICE CAPACITIES

Fuel tank	65 gal (246 L
DEF (Diesel Exhaust Fluid) tank	15.8 gal (59.8 L
Usable capacity	10.9 gal (41.3 L
Hydraulic system	
Total	39.0 gal (147.6 L
Reservoir	24.0 gal (90.8 L
Transmission	
Service w/ filter	28.2 qt (26.7 L
Front and rear axle	
Front axle	23.2 qt (22 L
Rear axle	23.2 qt (22 L
Front and rear axle (optional)	
Front axle	23.2 qt (22 L
Rear axle	23.2 qt (22 L
Engine oil w/ filter	14 qt (13.2 L
Cooling system (-40)	28.4 qt (26.8 L

OPERATING WEIGHTS

Z-Bar

Unit equipped with ROPS cab with heater and A/C, full counterweight, 20.5R25 XTLA Michelin tires, front and rear fenders, 2.5 yd3 (1.9 m³) HD Pin On bucket w/ edge, full fuel, 175 lb (79 kg) operator

26,641 lb (12 084 kg)

XT

Unit equipped with ROPS cab with heater and A/C, full counterweight, 20.5R25 XTLA Michelin tires, front and rear fenders, 2.5 yd3 (1.9 m³) CNH GP w/ edge, CNH XT Coupler standard batteries, full fuel, 175 lb (79 kg) operator

27,695 lb (12 562 kg)

Unit equipped with ROPS cab with heater and A/C, full counterweight, 20.5R25 XTLA TL Michelin tires, front and rear fenders, 2.5 vd3 (1.9 m³) Pin On bucket w/ edge, full fuel, 175 lb (79 kg) operator

27,072 lb (12 280 kg)

STANDARD EQUIPMENT

OPERATOR'S ENVIRONMENT

ROPS / FOPS cab structure

See page 7

ENGINE

Case/FPT F4HFE613Z

Tier 4 Interim certified

Selectable work modes:

Max power

Standard power

Economy power

Auto power

Turbocharger

Charge air cooling

Automatic fan belt tensioner

Integral engine oil cooling

Fuel filter w/ water trap

Dual-element dry-type air cleaner

Hydraulic-driven cooling fan

65 amp alternator

(2) 700 CCA 12-volt batteries

Liquid-cooled radiator

Mid-mounted cooling module

Common rail electronic fuel injection

LOADER

See page 7

DRIVETRAIN

4-wheel drive

4F/3R Selectable auto / manual shift

transmission

Electronic Control Module – programmable, computer controlled proportional shifting

with programmable gear selection

Onboard diagnostics

Single lever electronic shift control

F/N/R switch in loader control handle

Downshift button

Torque converter

Outboard planetary axles

Limited-slip differentials

Transmission oil cooler

Brake pedal transmission disconnect

Hydraulic wet disc brakes

Spring-applied hydraulic release parking brake

Limp-Home Mode

Greasable rear axle trunnion

3-piece rims

HYDRAULICS

2-spool loader control valve with single lever joystick control

Low-effort steering

Hydraulic driven fan

(8) Diagnostic quick couplers

Split flange hydraulic connections

(1 inch or greater)

ELECTRICAL

Alternator and voltage regulator

Electrical disconnect

(2) 700 CCA 12-volt batteries

Electric starter

Front and rear halogen flood lights

Tail lights and stop lights combined

(2) Front driving headlights (high / low beam)

(2) Front flood

(2) LED stop / tail lights

(2) Rear flood

Front and rear turn signal / flash

Key start / stop switch

Telematics plug port

Backup alarm

Centrally located fuse box

with all electrical circuits protected

OTHER

Electric raise-up hood

Front and rear fenders, partial coverage

Standard counterweight

Drawbar hitch

Articulation locking bar

Lift arm locking bar

Lift and tie-down points - front / rear

Grouped remote-mounted ecology drains:

Engine oil

Engine coolant

Hydraulic oil

OPTIONAL EQUIPMENT

OPERATOR'S COMPARTMENT

Heated cloth-covered air-suspension seat Vinyl-covered mechanical suspension seat

3 in (76 mm) retractable seat belt

Sound Shield noise suppression package

Cab air-conditioning w/ heater

Radio

Radio-ready (12 or 24-volt)

with auxiliary power (12-volt)

Cab convenience package

RH steps and platform

Rotating beacon

Second brake pedal

Open ROPS

Joystick steering

External rearview mirrors

External rearview mirrors, heated

Rear view camera with accessory mount

In-cab accessory mount

Extra front-facing work lights

LOADER

XR extended reach version

XT integrated toolcarrier version

Attachment auxiliary hydraulics

Coupler systems (JRB or ACS compatible)

Buckets (see pages 3 through 6)

4 - 1 clamp buckets

Material handling arm

Broom

DRIVETRAIN

Heavy duty axles

with auto-locking front differential, rear conventional differential, and with bronze sintered brake pads

Commodity King package

with heavy debris cooling system

Cold weather package:

Heavy-duty (2) 950 CCA 12V batteries

Grid heater

Fuel heater

Hydraulic oil cooler bypass

Low temperature hydraulic oil

Fast-warm hydraulic valve

Full-view or ejector type pre-cleaner

Remote jump start receptacle

HYDRAULICS

Auxiliary hydraulics

Ride Control

Secondary steering
3-spool loader valve with joystick plus lever,

or 2-lever loader control plus auxiliary lever

Variable speed hydraulic reversing fan Hydraulic cooler

TIRES

20.5-25 12 PR L2 bias (dirt / traction)

20.5-25 16 PR L2 bias (dirt / traction)

20.5-25 12 PR L3 bias (rock)

20.5-25 16 PR L3 bias (rock)

20.5 R25 L2 radial (dirt / traction)

20.5 R25 L3 radial (rock) 20.5 R25 radial Michelin SnoPlus

20.5 R25 radial Bridgestone Snow Wedge

SolidFlex HD solid tires on adapter rims

Spare wheels and tires

Axle oscillation stops Wheel chocks

OTHER

Full coverage fenders

Right and left side steps

Belly pan

Side quards for rear frame

Tool box - ground level access

Extra counterweight (included with XT, XR)

Fire extinguisher

License plate bracket

12.4 mph (20 kph) maximum speed control

Special paint

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NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Case Construction Equipment Inc. does not warrant the safety or reliability of attachments from other manufacturers.

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