



ENGINE

Make	FPT		
Model	F4HFE613		
Emissions Certification	Tier 4 Final		
	4-stroke, turbocharged and air-to-air cooled		
Cylinders	6-cylinder in-line		
Bore/Stroke	4.09 x 5.20 in (104 x 132 mm)		
Displacement	411 in ³ (6.7 L)		
	I, #1 and #2 mixture or cold temperatures		
Fuel injection Direct in	jection – electronic		
Fuel filter full flow	Replaceable, w spin-on cartridge		
Fuel pump	Bosch CP 3.3		
Gradeability: Side-to-side Fore and aft	35° 35°		
Air filter	2-element dry type restriction indicator		
Mid-mount cooling module:			
	lid-mount air/water		
Fan – hydraulic driven:			
Style	8 blade puller		
Diameter	32 in (813 mm)		
Water pump	Integral		
Engine oil pump operating an Side-to-side Fore and aft	gles ratings: 35° 35°		
Oil filtration			
full flow	Replaceable, v, spin-on cartridge		
full flov Engine speeds Rated – full load	•		
Engine speeds Rated – full load Horsepower:	v, spin-on cartridge RPM		
Engine speeds Rated – full load Horsepower: Maximum Power Mode:	v, spin-on cartridge RPM 2000		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Standard Power Mode: Peak gross @ 1600 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW) 241 hp (180 kW) 227 hp (169 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Standard Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW) 241 hp (180 kW) 227 hp (169 kW) 185 hp (138 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Standard Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW) 241 hp (180 kW) 227 hp (169 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Standard Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Economy Power Mode:	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW) 241 hp (180 kW) 227 hp (169 kW) 185 hp (138 kW) 213 hp (159 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Standard Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW) 241 hp (180 kW) 227 hp (169 kW) 185 hp (138 kW) 213 hp (159 kW) 215 hp (160 kW)		
Engine speeds Rated – full load Horsepower: Maximum Power Mode: Peak gross @ 1600 RPM Net rated @ 2000 RPM Peak net @ 1600 RPM Standard Power Mode: Peak gross @ 1600 RPM Peak net @ 1600 RPM Economy Power Mode: Peak gross @ 1400 RPM	v, spin-on cartridge RPM 2000 255 hp (190 kW) 225 hp (168 kW) 241 hp (180 kW) 227 hp (169 kW) 185 hp (138 kW) 213 hp (159 kW)		

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

ENGINE (cont.)

<u>921</u>F

Torque – peak:	
Maximum Power Mode:	
Gross @ 1300 RPM	959 lb·ft (1 300 N·m)
Net @ 1300 RPM	930 lb·ft (1 261 N·m)
Standard Power Mode:	
Gross @ 1300 RPM	828 lb·ft (1 123 N·m)
Net @ 1300 RPM	799 lb·ft (1 084 N·m)
Economy Power Mode:	
Gross @ 1300 RPM	828 lb·ft (1 123 N·m)
Net @ 1300 RPM	799 lb·ft (1 084 N·m)
Torque rise:	
Maximum power range	49%

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

DRIVETRAIN

DRIVETRAI	N		
Transmission: 4F/3R Proportic Module torque s shift and modula	ensing autos	shift/manual	
Gears		Helical cut	
Torque converter: Stall ratio – 4-sp Stall ratio – 5-sp	ratio – 4-speed 2.28:		
Differential	I		
Open differentia			
Rear axle oscillatio		24° total	
Front and rear axle Differential ratio Planetary ratio Final axle ratio	S:	4.11 6.00 24.67	
Heavy-duty axles - Front axle equip Rear axle equipp	ped w/ lockii		
Planetaries		Outboard	
Service brakes: Hydraulically act multiple wet disc four wheels			
Brake surface a Front hub Rear hub		840 in² (0.542 m²) 721 in² (0.465 m²)	
Parking brakes: Spring-applied h transmission out flow to wheels w	tput shaft ne	utralizes power	
Travel speeds – 4-s	speed transn Forwar mph (kpl	rd Reverse	
1st 2nd 3rd 4th	4.0 (6.4 7.5 (12.0 14.3 (23.7 22.4 (36.0	0) 7.8 (12.6) 1) 15.0 (24.2)	

NOTE: Travel speeds at full engine throttle w/ 23.5 x 25 L3 tires.

DRIVETRAIN (cont.)

Travel speeds -	5-speed transmiss	sion:
	Forward	Reverse
	mph (kph)	mph (kph)
1st	4.0 (6.4)	4.2 (6.8)
2nd	6.9 (11.1)	7.3 (11.7)
3rd	10.6 (17.0)	17.2 (27.7)
4th	16.3 (26.3)	-
5th	24.8 (40.0)	

NOTE: Travel speeds at full engine throttle w/ 23.5 x 25 L3 tires.

ELECTRICAL

Voltage	24 Volts, negative ground
Alternator	120 amp
Batteries (2)	12-volt

OPERATOR ENVIRONMENT

ROPS/FOPS Cab w/ heat and AC; Key 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; Horn.

Displays/Gauges: Analog:

> Transmission oil temperature; Hydraulic oil temperature; Fuel level; Engine coolant temperature.

LCD screen:

Hour meter, Engine speed, Travel speed, Time, Automatic transmission indication; Current gear selection; FNR indication; DeClutch indication; Engine mode indication; Trip computer; Fuel consumption; Multiple languages, Metric/English; Engine diagnostics; Transmission diagnostics; Warning prompts; Error reporting; DEF gauge; Diff. lock*.

Audible/ Visual alarms: Warning lights: Four-way flashers and turn signals; Brake pressure; Lamp/high beam indication; Grid heater*.

NOTE: *If equipped w/ option.

OPERATOR ENVIRONMENT (cont.)

Audible/Visual alarms:

Caution alarm:

Parking brake; Coolant temperature; Hydraulic oil temperature; Transmission oil temperature; Air filter; Transmission filter; Hydraulic filter; Alternator; Low fuel. Critical alarm:

Engine oil pressure; Brake pressure; Steering pressure – w/ aux. steering*; Coolant temperature; Hydraulic oil temperature; Transmission oil temperature.

Backup alarm

NOTE: *If equipped w/ option.

OPERATING WEIGHT

Z-Bar

Unit equipped w/ 23.5R25 Michelin XHA2; ROPS cab w/ heater and AC; Heavy-duty counterweight – 6,435 lb (2 919 kg); Heavy-duty batteries; Front and rear fenders; Lights; Full fuel; Full urea; 175 lb (79 kg) operator; 4.75 yd³ (3.6 m³) GP pin on w/ bolt on edge:

43,777 lb (19 857 kg)

XR

Unit equipped w/ 23.5R25 Michelin XHA2; ROPS cab w/ heater and AC; Heavy-duty counterweight – 6,435 lb (2 919 kg); Heavy-duty batteries; Front and rear fenders; Lights; Full fuel; Full urea; 175 lb (79 kg) operator; 4.75 yd³ (3.6 m³) GP pin on w/ bolt on edge:

44,090 lb (19 999 kg)

HYDRAULICS

Pump - steering/implement:

Closed center pressure/flow compensated Variable displacement – load sensing: 42.8 gpm @ 2000 RPM

(162 L/min @ 2000 RPM) Loader control valve:

Closed-center, sectional 2, 3 or 4-function w/ pilot control for lift, tilt and auxiliary hydraulics, electromagnetic detents in float, raise and rollback

Loader auxiliary steering: Hydraulic orbital center-pivot articulating

w/ on-demand oil flow

nigh pressure standby.	
Implement	3,625 psi (25 000 kPa)
Steering	3,499 psi (24 132 kPa)
Filtration:	
Filtered vent w/ relief o	on hydraulic reservoir

Filtered vent w/ relief on hydraulic reservoir, maintains 3-5 psi on reservoir. 10-micron, returns filter furnishes only clean oil to all components of the system

SERVICE CAPACITIES

Fuel tank	76.1 gal (288.0 L)	
DEF tank – Diesel Exhaust Fluid:		
Usable	9.8 gal (37.1 L)	
Total	15.6 gal (58.9 L)	
Hydraulic system:		
Reservoir	29.1 gal (110.0 L)	
Total	52.8 gal (200.0 L)	
Transmission:		
Service w/ filter	9.0 gal (34.1 L)	
Front and rear axle:		
Front axle	11.1 gal (42.0 L)	
Rear axle	10.6 gal (40.0 L)	
Engine oil w/ filter	4.0 gal (15.1 L)	
Cooling system	7.9 gal (30.0 L)	

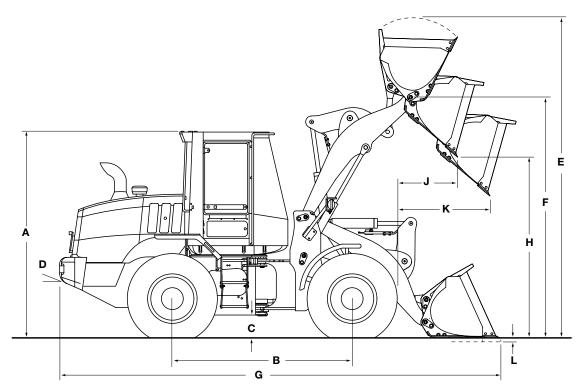
OTHER SPECIFICATIONS

Lift cylinder:	
Bore diameter	6.0 in (152 mm)
Rod diameter	3.5 in (89 mm)
Stroke	33.3 in (846 mm)
Dump cylinder:	
Bore diameter	7.0 in (178 mm)
Rod diameter	4.0 in (102 mm)
Stroke	23.6 in (600 mm)
Loader:	
Z-Bar loader linkage; S	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:

Cycle time.	
Raise w/ rated bucket load	6.2 sec
Dump w/ rated bucket load	1.4 sec
Power down	3.8 sec
Float down	3.1 sec



Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

A. Height to top of ROPS cab	135.8 in (3 450 mm)
Height to drawbar	42.2 in (1 071 mm)
B. Wheelbase	131.5 in (3 340 mm)
C. Ground clearance	16.4 in (416 mm)
D. Angle of departure	
Width:	
Overall* without bucket	113.6 in (2 885 mm)
Centerline tread	87.8 in (2 230 mm)
Turning radius* – outside	237.5 in (6 032 mm)
Turning angle:	
From center	40°
Total angle	80°
Rear axle oscillation, total	24°

NOTE: *Dimensions taken with 23.5R25 Michelin XHA2 tires. Additional dimensions on pages 4 and 5.

WEIGHT ADJUSTMENTS

Select Options	Weight Adjustment	Tipping Load Adjustment Straight	Tipping Load Adjustment 40° Turn
Base counterweight	-1,365 lb (-619 kg)	-3,142 lb (-1 425 kg)	-2,652 lb (-1 203 kg)
L2BIAS tires	-948 lb (-430 kg)	-725 lb (-329 kg)	-642 lb (-291 kg)
L3BIAS tires	-313 lb (-142 kg)	-240 lb (-109 kg)	-212 lb (-96 kg)
ROPS Canopy	-295 lb (-134 kg)	-256 lb (-116 kg)	-249 lb (-113 kg)

NOTE: Unit equipped with Z-Bar loader arms, 4.75 yd³ (3.6 m³) pin on bucket with bolt-on edge, 23.5R25 Michelin XHA2 tires, ROPS cab with heater and air conditioner, full counterweight, heavy-duty batteries, front and rear fenders, full fuel and 175 lb (79 kg) operator. Adjust select options from rated weight.

PERFORMANCE DATA

921F Z-Bar*		4.0 yd³ GP Pin On (3.1 m³) Bucket with Bolt-on Edge	4.0 yd ³ GP Pin On (3.1 m ³) Bucket with Teeth Only	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Bolt-on Edge
E. Operating height	 fully raised with spillguard 	213.8 in (5 430 mm)	213.8 in (5 430 mm)	219.8 in (5 583 mm)
F. Hinge pin height	- fully raised	162.1 in (4 118 mm)	162.1 in (4 118 mm)	162.1 in (4 118 mm)
G. Overall length - b	oucket level on ground	308.4 in (7 833 mm)	313.9 in (7 973 mm)	314.0 in (7 976 mm)
Dump angle - fully rais	sed	55°	55°	55°
H. Dump height – fu	Illy raised, 45° dump	118.0 in (2 998 mm)	114.5 in (2 908 mm)	114.4 in (2 906 mm)
J. Bucket reach - fu	ully raised, 45° dump	42.7 in (1 084 mm)	46.9 in (1 192 mm)	47.0 in (1 194 mm)
K. Bucket reach – 7	ft 0 in (2.13 m) height, 45° dump	66.4 in (1 687 mm)	68.9 in (1 751 mm)	69.0 in (1 752 mm)
L. Dig depth – edge	e below ground	3.1 in (80 mm)	3.1 in (80 mm)	3.1 in (80 mm)
Operating load – ISO		16,001 lb (7 258 kg)	16,252 lb (7 372 kg)	15,704 lb (7 123 kg)
Operating load - SAE		14,687 lb (6 662 kg)	14,916 lb (6 766 kg)	14,379 lb (6 522 kg)
Maximum material de	nsity – ISO	4,001 lb/yd ³ (2 374 kg/m ³)	4,241 lb/yd³ (2 516 kg/m³)	3,307 lb/yd³ (1 962 kg/m³)
Maximum material de	nsity – SAE	3,673 lb/yd ³ (2 179 kg/m ³)	3,892 lb/yd ³ (2 309 kg/m ³)	3,027 lb/yd³ (1 796 kg/m³)
Tipping load – ISO:	Straight 40° turn	37,190 lb (16 869 kg) 32,004 lb (14 517 kg)	37,739 lb (17 118 kg) 32,503 lb (14 743 kg)	36,550 lb (16 579 kg) 31,405 lb (14 245 kg)
Tipping load – SAE:	Straight 40° turn	35,159 lb (15 948 kg) 29,372 lb (13 323 kg)	35,675 lb (16 182 kg) 29,831 lb (13 531 kg)	34,505 lb (15 651 kg) 28,757 lb (13 044 kg)
Lift capacity:	Full height Maximum reach Ground	26,963 lb (12 230 kg) 36,345 lb (16 486 kg) 48,235 lb (21 879 kg)	27,132 lb (12 307 kg) 36,537 lb (16 573 kg) 48,610 lb (22 049 kg)	26,638 lb (12 083 kg) 35,995 lb (16 327 kg) 46,623 lb (21 148 kg)
Breakout force with til	t cylinder	42,128 lb (19 109 kg)	45,356 lb (20 573 kg)	37,553 lb (17 034 kg)
Loader clearance circl	le with bucket	522.2 in (13 264 mm)	525.4 in (13 344 mm)	525.4 in (13 345 mm)

921F	[:] XR		4.0 yd ³ GP Pin On (3.1 m ³) Bucket with Bolt-on Edge	4.0 yd ³ GP Pin On (3.1 m ³) Bucket with Teeth Only	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Bolt-on Edge
Ε.	Operating height	 fully raised with spillguard 	231.2 in (5 872 mm)	231.2 in (5 872 mm)	237.2 in (6 025 mm)
F.	Hinge pin height -	- fully raised	179.5 in (4 560 mm)	179.5 in (4 560 mm)	179.5 in (4 559 mm)
G.	Overall length - b	ucket level on ground	327.5 in (8 318 mm)	333.0 in (8 458 mm)	333.1 in (8 461 mm)
Dum	p angle – fully rais	ed	49°	49°	49°
Н.	Dump height – fu	ly raised, 45° dump	135.4 in (3 439 mm)	131.9 in (3 350 mm)	131.8 in (3 347 mm)
J.	Bucket reach – fu	lly raised, 45° dump	47.1 in (1 197 mm)	51.3 in (1 304 mm)	51.5 in (1 307 mm)
К.	Bucket reach – 7	ft 0 in (2.13 m) height, 45° dump	83.5 in (2 122 mm)	86.3 in (2 193 mm)	86.4 in (2 194 mm)
L.	Dig depth – edge	below ground	5.7 in (146 mm)	5.7 in (146 mm)	5.7 in (146 mm)
Oper	rating load – ISO		12,718 lb (5 769 kg)	12,917 lb (5 859 kg)	12,454 lb (5 649 kg)
Oper	rating load - SAE		11,828 lb (5 365 kg)	12,013 lb (5 449 kg)	11,559 lb (5 243 kg)
Maxi	mum material der	isity – ISO	3,181 lb/yd³ (1 887 kg/m³)	3,371 lb/yd³ (2 000 kg/m³)	2,623 lb/yd3 (1 556 kg/m3)
Maxi	mum material der	isity – SAE	2,956 lb/yd³ (1 754 kg/m³)	3,135 lb/yd³ (1 860 kg/m³)	2,434 lb/yd³ (1 444 kg/m³)
Tippi	ing load – ISO:	Straight 40° turn	29,789 lb (13 512 kg) 25,437 lb (11 538 kg)	30,219 lb (13 707 kg) 25,832 lb (11 717 kg)	29,229 lb (13 258 kg) 24,908 lb (11 298 kg)
Tippi	ing load – SAE:	Straight 40° turn	28,444 lb (12 902 kg) 23,653 lb (10 729 kg)	28,856 lb (13 089 kg) 24,026 lb (10 898 kg)	27,877 lb (12 645 kg) 23,120 lb (10 487 kg)
Lift c	apacity:	Full height Maximum reach Ground	24,970 lb (11 326 kg) 31,497 lb (14 287 kg) 37,117 lb (16 836 kg)	25,139 lb (11 403 kg) 31,698 lb (14 378 kg) 37,476 lb (16 999 kg)	24,650 lb (11 181 kg) 31,136 lb (14 123 kg) 36,436 lb (16 527 kg)
Brea	kout force with tilt	cylinder	42,840 lb (19 432 kg)	46,118 lb (20 919 kg)	38,193 lb (17 324 kg)
Loac	ler clearance circle	e with bucket	541.6 in (13 756 mm)	545.4 in (13 852 mm)	545.4 in (13 854 mm)

921F		Z-Bar/XR	Z-Bar/XR	Z-Bar/XR
Maximum rollback:	Ground	42°/37°	42°/37°	42°/37°
	Carry position	44°/43°	44°/43°	44°/43°
	@ Maximum reach	54°/53°	54°/53°	54°/53°
	@ Full height	59°/60°	59°/60°	59°/60°
Maximum grading angle with bucket – back dragging		60°/63°	61°/64°	61°/64°
SAE bucket capacity – struck		3.4 yd ³ (2.61 m ³)	3.3 yd ³ (2.49 m ³)	4.1 yd ³ (3.12 m ³)
Heaped		4.0 yd ³ (3.06 m ³)	3.8 yd ³ (2.93 m ³)	4.7 yd ³ (3.63 m ³)
Bucket width - outsic	le	119.3 in (3 030 mm)	119.3 in (3 030 mm)	119.3 in (3 030 mm)
Bucket weight		3,618 lb (1 641 kg)	3,468 lb (1 573 kg)	3,931 lb (1 783 kg)

PERFORMANCE DATA

921F Z-Bar*		4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable)
E. Operating height	- fully raised with spillguard	219.8 in (5 584 mm)	221.9 in (5 635 mm)	221.9 in (5 635 mm)
F. Hinge pin height	- fully raised	162.1 in (4 118 mm)	162.1 in (4 117 mm)	162.1 in (4 117 mm)
G. Overall length - b	oucket level on ground	319.6 in (8 117 mm)	319.5 in (8 116 mm)	325.6 in (8 270 mm)
Dump angle - fully rais	sed	55°	55°	55°
H. Dump height – fu	lly raised, 45° dump	110.8 in (2 815 mm)	110.8 in (2 815 mm)	106.9 in (2 715 mm)
J. Bucket reach - fu	Illy raised, 45° dump	51.3 in (1 302 mm)	51.2 in (1 300 mm)	55.7 in (1 414 mm)
K. Bucket reach – 7	ft 0 in (2.13 m) height, 45° dun	np 71.4 in (1 813 mm)	71.3 in (1 812 mm)	73.6 in (1 869 mm)
L. Dig depth – edge	below ground	3.1 in (80 mm)	3.2 in (81 mm)	3.3 in (85 mm)
Operating load – ISO		15,946 lb (7 233 kg)	14,169 lb (6 427 kg)	14,396 lb (6 530 kg)
Operating load - SAE		14,601 lb (6 623 kg)	12,963 lb (5 880 kg)	13,173 lb (5 975 kg)
Maximum material der	nsity – ISO	3,474 lb/yd ³ (2 061 kg/m ³)	3,541 lb/yd³ (2 101 kg/m³)	3,757 lb/yd³ (2 229 kg/m³)
Maximum material der	nsity – SAE	3,181 lb/yd³ (1 887 kg/m³)	3,240 lb/yd³ (1 922 kg/m³)	3,438 lb/yd³ (2 040 kg/m³)
Tipping load – ISO:	Straight	37,082 lb (16 820 kg)	33,155 lb (15 039 kg)	33,651 lb (15 264 kg)
	40° turn	31,890 lb (14 465 kg)	28,338 lb (12 854 kg)	28,795 lb (13 061 kg)
Tipping load – SAE:	Straight	35,003 lb (15 877 kg)	31,301 lb (14 198 kg)	31,769 lb (14 410 kg)
	40° turn	29,200 lb (13 245 kg)	25,924 lb (11 759 kg)	26,345 lb (11 950 kg)
Lift capacity:	Full height Maximum reach	26,808 lb (12 160 kg) 36,184 lb (16 413 kg)	25,369 lb (11 507 kg) 34,586 lb (15 688 kg)	25,554 lb (11 591 kg) 34,791 lb (15 781 kg)
	Ground	47,926 lb (21 739 kg)	34,180 lb (15 504 kg)	35,708 lb (16 197 kg)
Baraharat (ana ang bila dil	t cvlinder	40,131 lb (18 203 kg)	33,704 lb (15 288 kg)	35,558 lb (16 129 kg)
Breakout force with till				, , , , , , , , , , , , , , , , , , , ,
Breakout force with til	•	528.7 in (13 428 mm)	528.7 in (13 428 mm)	533.1 in (13 541 mm)
	e with bucket	528.7 in (13 428 mm) 4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only	528.7 in (13 428 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable)	533.1 in (13 541 mm) 4.0 yd³ (3 m³) Bucket with Teeth Only with CASE Coupler (JRB Compatable)
Loader clearance circl 921F XR	e with bucket	4.75 yd ³ GP Pin On (3.6 m ³)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE	4.0 yd³ (3 m³) Bucket with Teeth Only with CASE
Loader clearance circl 921F XR E. Operating height	 with bucket fully raised with spillguard 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height -	 with bucket fully raised with spillguard 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b	 – fully raised with spillguard – fully raised ucket level on ground 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais	 – fully raised with spillguard – fully raised ucket level on ground 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful	 - fully raised with spillguard - fully raised - fully raised - wucket level on ground - sed 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49°	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49°	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49°
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu	 - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised - fully raised, 45° dump 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7	 - fully raised with spillguard - fully raised - fully raised - ucket level on ground - sed - lly raised, 45° dump - lly raised, 45° dump - ft 0 in (2.13 m) height, 45° dum 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7 L. Dig depth - edge	 - fully raised with spillguard - fully raised - fully raised - ucket level on ground - sed - lly raised, 45° dump - lly raised, 45° dump - ft 0 in (2.13 m) height, 45° dum 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) ap 89.1 in (2 262 mm)	4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7 L. Dig depth - edge	 - fully raised with spillguard - fully raised - fully raised - ucket level on ground - sed - lly raised, 45° dump - lly raised, 45° dump - ft 0 in (2.13 m) height, 45° dum 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) np 89.1 in (2 262 mm) 5.7 in (146 mm)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7 L. Dig depth - edge Operating load - ISO	 fully raised with spillguard fully raised fully raised ucket level on ground sed lly raised, 45° dump illy raised, 45° dump ft 0 in (2.13 m) height, 45° dum below ground 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) np 89.1 in (2 262 mm) 5.7 in (146 mm) 12,648 lb (5 737 kg)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7 L. Dig depth - edge Operating load - ISO Operating load - SAE Maximum material der	 - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised, 45° dump - fully raised, 45° dump - ft 0 in (2.13 m) height, 45° dum - below ground 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) p 89.1 in (2 262 mm) 5.7 in (146 mm) 12,648 lb (5 737 kg) 11,740 lb (5 325 kg)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg) 10,401 lb (4 718 kg)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg) 10,576 lb (4 797 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7 L. Dig depth - edge Operating load - ISO Operating load - SAE Maximum material der Maximum material der	 - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised, 45° dump - fully raised, 45° dump - ft 0 in (2.13 m) height, 45° dum - below ground 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) 12,648 lb (5 737 kg) 11,740 lb (5 325 kg) 2,756 lb/yd ³ (1 635 kg/m ³)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg) 10,401 lb (4 718 kg) 2,806 lb/yd³ (1 665 kg/m³)	4.0 yd³ (3 m³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg) 10,576 lb (4 797 kg) 2,978 lb/yd³ (1 767 kg/m³)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle - fully rais H. Dump height - ful J. Bucket reach - fu K. Bucket reach - 7 L. Dig depth - edge Operating load - ISO Operating load - SAE Maximum material der Maximum material der	 - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised, 45° dump - ft 0 in (2.13 m) height, 45° dum - below ground - height - height - height 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) p 89.1 in (2 262 mm) 5.7 in (146 mm) 12,648 lb (5 737 kg) 11,740 lb (5 325 kg) 2,756 lb/yd ³ (1 635 kg/m ³) 2,557 lb/yd ³ (1 517 kg/m ³) 29,648 lb (13 448 kg)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg) 10,401 lb (4 718 kg) 2,806 lb/yd³ (1 665 kg/m³) 2,599 lb/yd³ (1 542 kg/m³) 26,541 lb (12 039 kg)	4.0 yd³ (3 m³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg) 10,576 lb (4 797 kg) 2,978 lb/yd³ (1 767 kg/m³) 2,761 lb/yd³ (1 638 kg/m³) 26,940 lb (12 220 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle – fully rais H. Dump height – ful J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE Maximum material der Tipping load – ISO: Tipping load – SAE:	 - fully raised with spillguard - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised, 45° dump - fully raised, 45° dump - ft 0 in (2.13 m) height, 45° dum - below ground - sity – ISO - nsity – ISO - nsity – ISO - nsity – SAE - Straight - 40° turn - Straight - 40° turn - Full height - Maximum reach 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) 12,648 lb (5 737 kg) 11,740 lb (5 325 kg) 2,756 lb/yd ³ (1 635 kg/m ³) 2,557 lb/yd ³ (1 517 kg/m ³) 29,648 lb (13 448 kg) 25,294 lb (11 473 kg) 28,276 lb (12 826 kg) 23,479 lb (10 650 kg) 24,817 lb (11 257 kg) 31,334 lb (14 213 kg)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg) 10,401 lb (4 718 kg) 2,806 lb/yd³ (1 665 kg/m³) 2,599 lb/yd³ (1 542 kg/m³) 26,541 lb (12 039 kg) 22,461 lb (10 188 kg) 22,296 lb (11 474 kg) 20,803 lb (9 436 kg) 23,395 lb (10 612 kg) 29,683 lb (13 464 kg)	4.0 yd³ (3 m³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg) 10,576 lb (4 797 kg) 2,978 lb/yd³ (1 767 kg/m³) 2,761 lb/yd³ (1 638 kg/m³) 26,940 lb (12 220 kg) 22,829 lb (10 355 kg) 25,679 lb (11 648 kg) 21,153 lb (9 595 kg) 23,578 lb (10 695 kg) 29,895 lb (13 560 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle – fully rais H. Dump height – ful J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE Maximum material der Tipping load – ISO: Tipping load – SAE: Lift capacity:	 - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised - fully raised, 45° dump - fully raised, 45° dump - ft 0 in (2.13 m) height, 45° dum - below ground - sity – ISO - sity – ISO - sity – SAE - Straight - 40° turn - Straight - 40° turn - Full height - Maximum reach - Ground 	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) 10 55.7 in (1 414 mm) 10 57 in (146 mm) 12,648 lb (5 737 kg) 11,740 lb (5 325 kg) 2,756 lb/yd ³ (1 635 kg/m ³) 2,557 lb/yd ³ (1 517 kg/m ³) 29,648 lb (13 448 kg) 25,294 lb (11 473 kg) 28,276 lb (12 826 kg) 23,479 lb (10 650 kg) 24,817 lb (11 257 kg) 31,334 lb (14 213 kg) 36,784 lb (16 685 kg)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg) 10,401 lb (4 718 kg) 2,806 lb/yd³ (1 665 kg/m³) 2,599 lb/yd³ (1 542 kg/m³) 26,541 lb (12 039 kg) 22,461 lb (10 188 kg) 25,296 lb (11 474 kg) 20,803 lb (9 436 kg) 23,395 lb (10 612 kg) 29,683 lb (13 464 kg) 33,973 lb (15 410 kg)	4.0 yd³ (3 m³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg) 10,576 lb (4 797 kg) 2,978 lb/yd³ (1 767 kg/m³) 2,761 lb/yd³ (1 638 kg/m³) 26,940 lb (12 220 kg) 22,829 lb (10 355 kg) 25,679 lb (11 648 kg) 21,153 lb (9 595 kg) 23,578 lb (10 695 kg) 29,895 lb (13 560 kg) 34,330 lb (15 572 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height - G. Overall length - b Dump angle – fully rais H. Dump height – ful J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE Maximum material der Tipping load – ISO:	 - fully raised with spillguard - fully raised - fully raised - fully raised - fully raised, and the spillguard - fully raised, and the spille -	4.75 yd ³ GP Pin On (3.6 m ³) Bucket with Teeth Only 237.2 in (6 025 mm) 179.5 in (4 560 mm) 338.7 in (8 602 mm) 49° 128.2 in (3 257 mm) 55.7 in (1 414 mm) 12,648 lb (5 737 kg) 11,740 lb (5 325 kg) 2,756 lb/yd ³ (1 635 kg/m ³) 2,557 lb/yd ³ (1 517 kg/m ³) 29,648 lb (13 448 kg) 25,294 lb (11 473 kg) 28,276 lb (12 826 kg) 23,479 lb (10 650 kg) 24,817 lb (11 257 kg) 31,334 lb (14 213 kg)	4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 338.6 in (8 601 mm) 49° 128.2 in (3 257 mm) 55.6 in (1 413 mm) 89.0 in (2 261 mm) 5.8 in (147 mm) 11,230 lb (5 094 kg) 10,401 lb (4 718 kg) 2,806 lb/yd³ (1 665 kg/m³) 2,599 lb/yd³ (1 542 kg/m³) 26,541 lb (12 039 kg) 22,461 lb (10 188 kg) 22,296 lb (11 474 kg) 20,803 lb (9 436 kg) 23,395 lb (10 612 kg) 29,683 lb (13 464 kg)	4.0 yd³ (3 m³) Bucket with Teeth Only with CASE Coupler (JRB Compatable) 239.3 in (6 077 mm) 179.4 in (4 558 mm) 344.7 in (8 755 mm) 49° 124.3 in (3 157 mm) 60.1 in (1 527 mm) 91.6 in (2 326 mm) 5.9 in (151 mm) 11,416 lb (5 178 kg) 10,576 lb (4 797 kg) 2,978 lb/yd³ (1 767 kg/m³) 2,761 lb/yd³ (1 638 kg/m³) 26,940 lb (12 220 kg) 22,829 lb (10 355 kg) 25,679 lb (11 648 kg) 21,153 lb (9 595 kg) 23,578 lb (10 695 kg) 29,895 lb (13 560 kg)

	Z-Bar/XR	Z-Bar/XR	Z-Bar/XR
Ground	42°/37°	42°/38°	42°/38°
Carry position	44°/43°	44°/43°	44°/43°
@ Maximum reach	54°/53°	54°/53°	54°/53°
@ Full height	59°/60°	59°/60°	59°/60°
Maximum grading angle with bucket – back dragging		62°/65°	64°/67°
SAE bucket capacity – struck		3.4 yd ³ (2.61 m ³)	3.3 yd ³ (2.49 m ³)
	4.6 yd ³ (3.51 m ³)	4.0 yd ³ (3.06 m ³)	3.8 yd ³ (2.93 m ³)
Bucket width – outside		119.3 in (3 030 mm)	120.1 in (3 051 mm)
Bucket weight		5,090 lb (2 309 kg)	4,925 lb (2 234 kg)
	Carry position @ Maximum reach @ Full height gle with bucket – back dragging – struck	Ground 42°/37° Carry position 44°/43° @ Maximum reach 54°/53° @ Full height 59°/60° gle with bucket – back dragging 62°/65° - struck 4.0 yd³ (3.04 m³) 4.6 yd³ (3.51 m³) 4.6 yd³ (3.51 m³)	Ground 42°/37° 42°/38° Carry position 44°/43° 44°/43° @ Maximum reach 54°/53° 54°/53° @ Full height 59°/60° 59°/60° gle with bucket – back dragging 62°/65° 62°/65° - struck 4.0 yd³ (3.04 m³) 3.4 yd³ (2.61 m³) 4.6 yd³ (3.51 m³) 4.0 yd³ (3.06 m³) e 119.3 in (3 030 mm) 119.3 in (3 030 mm)

PERFORMANCE DATA

921F Z-Bar*		4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable)	4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable)
E. Operating height	- fully raised with spillguard	218.8 in (5 558 mm)	218.8 in (5 558 mm)
F. Hinge pin height -	– fully raised	162.1 in (4 117 mm)	162.1 in (4 117 mm)
G. Overall length - b	pucket level on ground	315.4 in (8 011 mm)	321.3 in (8 162 mm)
Dump angle - fully rais	sed	55°	55°
H. Dump height – fu	lly raised, 45° dump	113.5 in (2 883 mm)	109.6 in (2 785 mm)
J. Bucket reach - fu	ılly raised, 45° dump	48.0 in (1 220 mm)	52.4 in (1 331 mm)
K. Bucket reach – 7	ft 0 in (2.13 m) height, 45° dump	69.6 in (1 767 mm)	71.9 in (1 825 mm)
L. Dig depth – edge	below ground	3.2 in (81 mm)	3.3 in (85 mm)
Operating load – ISO		14,581 lb (6 614 kg)	14,808 lb (6 717 kg)
Operating load - SAE		13,338 lb (6 050 kg)	13,545 lb (6 144 kg)
Maximum material der	nsity – ISO	3,644 lb/yd³ (2 162 kg/m³)	3,905 lb/yd³ (2 317 kg/m³)
Maximum material der	nsity – SAE	3,332 lb/yd³ (1 977 kg/m³)	3,572 lb/yd³ (2 119 kg/m³)
Tipping load – ISO:	Straight	34,112 lb (15 473 kg)	34,608 lb (15 698 kg)
	40° turn	29,163 lb (13 228 kg)	29,617 lb (13 434 kg)
Tipping load - SAE:	Straight 40° turn	32,196 lb (14 604 kg) 26,674 lb (12 099 kg)	32,661 lb (14 815 kg) 27,090 lb (12 288 kg)
Lift capacity:	Full height	25,408 lb (11 525 kg)	25,576 lb (11 601 kg)
	Maximum reach	34,692 lb (15 736 kg)	34,879 lb (15 821 kg)
	Ground	38,885 lb (17 638 kg)	40,748 lb (18 483 kg)
Breakout force with tilt	-	36,303 lb (16 467 kg)	38,724 lb (17 565 kg)
Breakout force with till Loader clearance circle	-	36,303 lb (16 467 kg) 526.2 in (13 366 mm)	38,724 lb (17 565 kg) 530.3 in (13 471 mm)
	-		
Loader clearance circl 921F XR	-	526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE	530.3 in (13 471 mm) 4.0 yd³ (3 m³) Bucket with Teeth Only with CASE
Loader clearance circl 921F XR	 – fully raised with spillguard 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height	 – fully raised with spillguard 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height	 – fully raised with spillguard – fully raised pucket level on ground 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully raise	 – fully raised with spillguard – fully raised pucket level on ground 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm)
 Loader clearance circle 921F XR E. Operating height F. Hinge pin height G. Overall length - b Dump angle - fully rais H. Dump height - fully 	 fully raised with spillguard fully raised fully raised pucket level on ground sed 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49°	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49°
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – fu	 fully raised with spillguard fully raised fully raised bucket level on ground sed illy raised, 45° dump 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – to Dump angle – fully rais H. Dump height – fu J. Bucket reach – fu K. Bucket reach – 7	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – fu	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump 	526.2 in (13 366 mm) 4.0 yd ³ (3 m ³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – t Dump angle – fully rais H. Dump height – fu J. Bucket reach – f K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump 	526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – ft K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground 	526.2 in (13 366 mm) 526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – to Dump angle – fully rais H. Dump height – fu J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE Maximum material der	 fully raised with spillguard fully raised fully raised pucket level on ground sed ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground 	526.2 in (13 366 mm) 526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg) 2,879 lb/yd³ (1 708 kg/m³)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg) 3,084 lb/yd ³ (1 830 kg/m ³)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – ft K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE	 fully raised with spillguard fully raised fully raised pucket level on ground sed ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground 	526.2 in (13 366 mm) 526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height G. Overall length – to Dump angle – fully rais H. Dump height – fully J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – ISO Operating load – SAE Maximum material den Maximum material den	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground 	526.2 in (13 366 mm) 526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg) 2,879 lb/yd³ (1 708 kg/m³) 2,666 lb/yd³ (1 582 kg/m³)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg) 3,084 lb/yd ³ (1 830 kg/m ³) 2,859 lb/yd ³ (1 696 kg/m ³)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height G. Overall length – to Dump angle – fully rais H. Dump height – fully J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – ISO Operating load – SAE Maximum material den Maximum material den	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump illy raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground nsity – ISO nsity – ISO nsity – SAE Straight 	526.2 in (13 366 mm) 526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg) 2,879 lb/yd³ (1 708 kg/m³) 2,666 lb/yd³ (1 582 kg/m³) 27,216 lb (12 345 kg)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg) 3,084 lb/yd ³ (1 830 kg/m ³) 2,859 lb/yd ³ (1 696 kg/m ³) 27,608 lb (12 523 kg)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – f K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – SAE Maximum material den Maximum material den Tipping load – ISO:	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground nsity – ISO nsity – ISO nsity – SAE Straight 40° turn Straight 40° turn Full height Maximum reach 	526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg) 2,879 lb/yd³ (1 708 kg/m³) 2,666 lb/yd³ (1 582 kg/m³) 27,216 lb (12 345 kg) 23,036 lb (10 449 kg) 25,935 lb (11 764 kg) 21,336 lb (9 678 kg) 23,428 lb (10 627 kg) 23,428 lb (10 627 kg) 29,809 lb (13 521 kg)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg) 3,084 lb/yd ³ (1 830 kg/m ³) 2,859 lb/yd ³ (1 696 kg/m ³) 27,608 lb (12 523 kg) 23,398 lb (10 613 kg) 26,312 lb (11 935 kg) 21,678 lb (9 833 kg) 23,594 lb (10 702 kg) 30,005 lb (13 610 kg)
Loader clearance circle 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – ft K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – ISO Operating load – SAE Maximum material den Maximum material den Tipping load – ISO: Tipping load – SAE: Lift capacity:	 fully raised with spillguard fully raised fully raised pucket level on ground sed illy raised, 45° dump illy raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground nsity – ISO nsity – ISO straight 40° turn Straight 40° turn Full height Maximum reach Ground 	526.2 in (13 366 mm) 526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg) 2,879 lb/yd³ (1 708 kg/m³) 2,666 lb/yd³ (1 582 kg/m³) 2,666 lb/yd³ (1 582 kg/m³) 27,216 lb (12 345 kg) 23,036 lb (10 449 kg) 25,935 lb (11 764 kg) 21,336 lb (9 678 kg) 23,428 lb (10 627 kg) 23,428 lb (10 627 kg) 23,4606 lb (15 697 kg)	530.3 in (13 471 mm) 530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg) 3,084 lb/yd ³ (1 830 kg/m ³) 2,859 lb/yd ³ (1 696 kg/m ³) 23,398 lb (10 613 kg) 21,678 lb (9 833 kg) 23,594 lb (10 702 kg) 30,005 lb (13 610 kg) 34,950 lb (15 853 kg)
Loader clearance circl 921F XR E. Operating height F. Hinge pin height G. Overall length – b Dump angle – fully rais H. Dump height – fu J. Bucket reach – fu K. Bucket reach – 7 L. Dig depth – edge Operating load – ISO Operating load – ISO: Tipping load – SAE:	 fully raised with spillguard fully raised fully raised pucket level on ground sed ully raised, 45° dump ft 0 in (2.13 m) height, 45° dump below ground below ground nsity – ISO nsity – ISO nsity – SAE Straight 40° turn Straight 40° turn Full height Maximum reach Ground t cylinder 	526.2 in (13 366 mm) 4.0 yd³ (3 m³) Bucket with Bolt On Edge with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 334.5 in (8 496 mm) 334.5 in (8 496 mm) 49° 130.9 in (3 324 mm) 52.5 in (1 333 mm) 87.0 in (2 210 mm) 5.8 in (147 mm) 11,519 lb (5 225 kg) 10,668 lb (4 839 kg) 2,879 lb/yd³ (1 708 kg/m³) 2,666 lb/yd³ (1 582 kg/m³) 27,216 lb (12 345 kg) 23,036 lb (10 449 kg) 25,935 lb (11 764 kg) 21,336 lb (9 678 kg) 23,428 lb (10 627 kg) 23,428 lb (10 627 kg) 29,809 lb (13 521 kg)	530.3 in (13 471 mm) 4.0 yd ³ (3 m ³) Bucket with Teeth Only with CASE Coupler (ACS Compatable) 236.2 in (6 000 mm) 179.4 in (4 558 mm) 340.4 in (8 646 mm) 49° 127.0 in (3 226 mm) 56.8 in (1 443 mm) 89.6 in (2 277 mm) 5.9 in (151 mm) 11,700 lb (5 307 kg) 10,838 lb (4 916 kg) 3,084 lb/yd ³ (1 830 kg/m ³) 2,859 lb/yd ³ (1 696 kg/m ³) 27,608 lb (12 523 kg) 23,398 lb (10 613 kg) 26,312 lb (11 935 kg) 21,678 lb (9 833 kg) 23,594 lb (10 702 kg) 30,005 lb (13 610 kg)

	Z-Bar/XR	Z-Bar/XR
round	42°/38°	42°/38°
arry position	44°/43°	44°/43°
Maximum reach	54°/53°	54°/53°
Full height	59°/60°	59°/60°
ith bucket – back dragging	61°/64°	63°/65°
ıck	3.4 yd ³ (2.61 m ³)	3.3 yd ³ (2.50 m ³)
	4.0 yd ³ (3.06 m ³)	3.8 yd ³ (2.90 m ³)
	119.3 in (3 030 mm)	119.9 in (3 046 mm)
	5,099 lb (2 313 kg)	4,949 lb (2 245 kg)
	arry position Maximum reach Full height ith bucket – back dragging	round 42°/38° arry position 44°/43° Maximum reach 54°/53° Full height 59°/60° ith bucket – back dragging 61°/64° ick 3.4 yd³ (2.61 m³) 4.0 yd³ (3.06 m³) 119.3 in (3 030 mm)

NOTE: *Z-Bar performance data shown with full counterweight. Performance data unit equipped with 23.5R25 Michelin XHA2 tires, ROPS cab with heater and air conditioner, 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.

STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

See page 1 ENGINE Case/FPT F4HFE613 **Tier 4 Final Certified** Selectable work modes: Maximum Power Standard Power Economy Power Auto Power Turbocharger Charge air cooling Automatic belt tensioner Integral engine oil cooling Fuel filter with water trap Dual-element dry-type air cleaner Hydraulic-driven cooling fan Air-cooled radiator Mid-mounted cooling module Common rail electronic fuel injection DRIVETRAIN 4-wheel drive 4F/3R Selectable autoshift/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

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Heated cloth-covered air suspension seat Cloth mechanical suspension seat Headrest 3 in (76 mm) retractable seat belt Sound Shield noise suppression package Cab with heater only - no AC Radio-ready - 12 or 24-volt with auxiliary power - 12-volt AM/FM stereo radio Cab convenience package: ashtray, 24V cigar lighter and cell phone holder Rotating beacon Right hand brake pedal External rearview mirrors External rearview mirrors, heated In-cab accessory mount - no rear view camera Rear view camera with accessory mount Extra front-facing work lights

HYDRAULICS

Auxiliary hydraulics

Ride Control

Secondary steering

- Joystick steering with and without secondary steering
- 2-function loader valve with single access control

DRIVETRAIN (CONTINUED)

Torque converter Open differential axles:

Provides open type differentials in front and rear axles and the same axle housing as the Heavy-duty axles. Recommended for applications on hard surfaces, solid tires or ballast.

Outboard planetary axles

Transmission oil cooler

Brake pedal transmission disconnect - declutch

Hydraulic wet disc brakes

Spring-applied hydraulic release parking brake

Limp-Home Mode

Greasable rear axle trunnion

3-piece rims

HYDRAULICS

2-function loader valve with joystick control

Low-effort steering

Hydraulic driven cooling fan

Diagnostic quick couplers

Split flange hydraulic connections -1 inch or greater

LOADER

See page 2 - Operating weight, Other specifications

ELECTRICAL

Alternator and voltage regulator

Electrical disconnect 120 amp alternator

(2) 700 CCA 12-volt batteries

HYDRAULICS (CONTINUED)

- 3-function loader valve with 3 lever control or with joystick plus lever
- 4-function loader valve with joystick and 2 lever control

DRIVETRAIN

5F/3R Autoshift/manual shift transmission, lockup torque converter, PowerInch de-clutch

Differential locking front axle - heavy-duty application:

Same size axles as standard axles but with automatic hydraulically-actuated differential lock on front axle, open differential on rear axle. Recommended for applications on hard surfaces or with solid tires.

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

TIRES

23.5 x 25 L2 bias - dirt/traction

23.5 x 25 L3 bias - rock

23.5 R25 L2 radial - dirt/traction

23.5 R25 L3 radial - rock

23.5 R25 radial Michelin SnoPlus

ELECTRICAL (CONTINUED)

Electric starter

Lights:

2 Front and 2 rear halogen flood lights

- 2 Front driving headlights high/low beam with integrated turn signals
- 2 LED stop/tail lights with integrated turn signals
- Key start/stop switch

Backup alarm

Centrally located fuse box with all electrical circuits protected

Remote jump start receptacle

TELEMATICS

CASE SiteWatch™ Telematics – includes hardware and a 3-yr Advanced data subscription

OTHER

Electric hood lift

Front and rear fenders, partial coverage

Heavy counterweight

Drawbar hitch

Articulation locking bar

Lift arm locking bar

Lift and tie-down points - front/rear

Remote drain points

Grouped remote-mounted ecology drains: Engine oil Engine coolant Hydraulic oil

TIRES (CONTINUED)

Spare wheels and tires

Axle oscillation stops

LOADER

XR extended reach version Attachment auxiliary hydraulics Coupler systems - JRB or ACS compatible Buckets - see pages 4 through 5 4 - 1 clamp buckets Forks

ADVANCED ENGINE AIR FILTRATION

Variable speed hydraulic reversing fan

Full view air pre-cleaner

Sy-Klone® ejective air pre-cleaner

OTHER

Additional RH steps and platform with standard or wide fenders Side guards for rear frame Tool box - ground level access Light counterweight - Z-Bar Fire extinguisher License plate bracket 12.4 mph (20 kph) maximum speed control Special paint

Skid plate and transmission



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

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Biodiesel Ready All Case construction equipment is biodiesel ready.