

721F/XT/XR WHEEL LOADER • TIER 4 INTERIM CERTIFIED

ENGINE

Make	FPT	
Model F4HFE613		
	Tier 4 interim certified	
Fuel	#2 Diesel	
(#1 & 2 mixture permitted for cold temperature		
Does not require ultra-low sulfur fue		
	B5 biodiesel tolerant	
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)	
· · · · · · · · · · · · · · · · · · ·	Direct injection (electronic)	
Fuel filter	Replaceable, full flow	
	spin-on cartridge	
Fuel pump	Bosch CR/CP3	
	BUSCII UN/UF3	
Fuel cooler		
· · · · · · · · · · · · · · · · · · ·	5° fore /aft & side to side	
Air filter	Dry type elements	
	rning restriction indicator	
Mid-mount cooling mod		
External independer	nt mounted coolers	
Fan		
Style	8 blade puller	
Diameter	32 in (813 mm)	
Water pump	Integral	
Engine oil		
Pump	Deep sump plate cooler	
	with pressurized	
Duran en custin e en el	under-piston nozzles	
Pump operating angl Side-to-side	-	
Fore and aft	35° 35°	
Oil filtration Replaceable,		
full flow spin-on cartridge		
Engine speeds (rpm) Rated speed, full load	d 2000	
Horsepower (per SAE		
Peak Gross HP – 195 (1	45 KW) @ 2000	
Max Power Curve -		
	PM – 179 HP (133 kW)	
Net Peak @ 2000 RPM – 179 HP (133 kW)		
Std Power Curve –		
	PM – 144 HP (107 kW)	
	PM – 163 HP (121 kW)	
Eco Power Curve –		
Net Rated @ 2000 RPM – 121 HP (90 kW)		
Net Peak @ 1400 RH	PM – 138 HP (103 kW)	

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

ENGINE (CONTD.)

Torque – Peak				
Max Power Range –				
Gross	701 lb-ft (950 N-m) @1300 rpm			
Net	674 lb-ft (914 N-m) @1300 rpm			
Standard Powe	er Range –			
Gross	620 lb-ft (841 N-m) @1300 rpm			
Net	594 lb-ft (805 N-m) @1300 rpm			
Economy Pow	er Range –			
Gross	589 lb-ft (799 N-m) @1200 rpm			
Net	567 lb-ft (768 N-m) @1200 rpm			
Torque rise				
Max Power Ra	inge 37%			

DRIVETRAIN

Transmission 4F/3R Proportional w/Electronic Control Module torque sensing autoshift/manual shift and modulation				
Gears		Helical cut		
Torque converter				
Stall ratio	4 speed 2.81:1	5 speed 2.42:1		
Differential	on front a	Limited slip		
Rear axle oscillation		24° total		
Axles	Front	Rear		
Differential ratio	3.364	3.182		
Planetary ratio	6.000	6.400		
Final axle ratio	20.18	20.36		
Front axle equippe Rear axle equippe Planetaries 4 speed transmission (mph (km/h) w/20.	d with open dif			
	Forward	Reverse		
1st	4.7 (7.6)	5.0 (8.0)		
2nd	7.9 (12.8)	8.4 (13.4)		
3rd	15.2 (24.5)	15.9 (25.7)		
4th	23.5 (37.8)	NA		
NOTE: Travel speeds at full engine throttle.				
5 speed transmission w/lock-up torque converter travel speeds (mph (km/h) w/20.5 x 25 L3 tires)				
	Forward	Reverse		
1st	4.5 (7.2)	4.9 (7.9)		
2nd	7.8 (12.6)	8.4 (13.5)		
3rd	11.8 (19.0)	19.3 (31.1)		
4th	18.3 (29.5)	NA		
5th	25.0 (40.0)	NA		
NOTE: Travel speeds	at full engine thr	ottie.		

DRIVETRAIN (CONTD.)

Parking brakes		
Spring-applied hydraulic	release disc on	
transmission output shaft	t	
Service brakes		
Hydraulically actuated, maintenance-free, multiple wet disc w/accumulator to all four wheels		
Brake surface area	600 in ² per hub	
	(0.387 m ²)	

ELECTRICAL

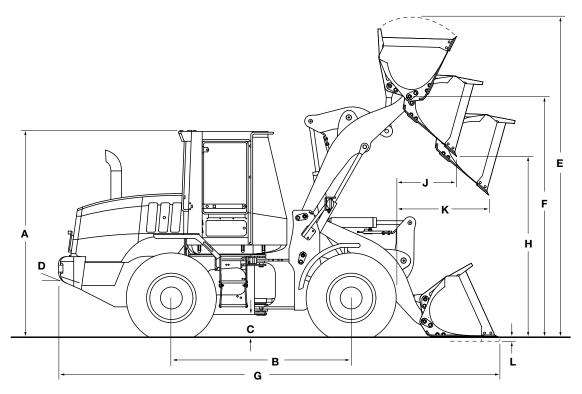
Voltage	24 Volts, negative ground
Alternator	65 amp
Batteries	(2) 12-Volt

HYDRAULICS

Pump (steering/implement)		
Closed center pressure/flow compensated		
Variable displacement maximum flow		
6.59 in ³ /rev 54.2 gpn	n @ 2000 rpm	
(206 L/min @ 2000 rj	om)	
Loader control valve		
Closed-center, section	onal 2, 3 or 4-spool with	
pilot control for lift, ti	ilt and auxiliary	
hydraulics, electromagnetic detents in float,		
raise and rollback		
Loader auxilliary steerir	ng	
Hydraulic orbital center-pivot articulating		
w/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, condition indicator light for filter		

CYLINDERS

Lift cylinder				
Bore diameter	4.75 in (120.6 mm)			
Rod diameter	3.00 in (76.2 mm)			
Stroke	32.59 in (827.9 mm)			
Dump cylinder (Z-Bar and	J XR)			
Bore diameter	5.75 in (146.0 mm)			
Rod diameter	3.00 in (76.2 mm)			
Stroke	24.78 in (629.4 mm)			
Dump cylinder (XT)				
Bore diameter	4.50 in (114.3 mm)			
Rod diameter	2.25 in (57.2 mm)			
Stroke	33.72 in (856.5 mm)			



DIMENSIONS

133.3 in (3385 mm)
128.1 in (3253 mm)
14.4 in (365 mm)
32°
104.4 in (2653 mm)
79.9 in (2030 mm)
226.4 in (5750 mm)
40°
80°
24°
-

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

WEIGHT ADJUSTMENTS

Select Options	Weight Adjustment	Tipping Load Adjustment Straight	Tipping Load Adjustment 40° Turn
20.5x25 16 ply L2 tires	-556 lb (-252 kg)	-436 lb (-198 kg)	-385 lb (-175 kg)
20.5x25 16 ply L3 tires	-228 lb (-103 kg)	-179 lb (-81 kg)	-158 lb (-72 kg)
20.5 R25 XTLA TL tires	-380 lb (-172 kg)	-298 lb (-135 kg)	-263 lb (-119 kg)
Standard counterweight	-527 lb (-240 kg)	-1,209 lb (-548 kg)	-1,023 lb (-464 kg)
ROPS Canopy	-295 lb (-134 kg)	-339 lb (-154 kg)	-314 lb (-142 kg)

NOTE: Unit equipped with Z-Bar loader arms, 3.0 yd³ (2.3 m³) general purpose pin on bucket w/bolt-on edge, 20.5R25 XHA 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.

	Z-Bar	3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge	3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only	3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge
	SAE bucket capacity – struck	2.53 yd ³ (1.94 m ³)	2.42 yd ³ (1.85 m ³)	2.76 yd ³ (2.11 m ³)
	Heaped	3.01 yd ³ (2.30 m ³)	2.79 yd ³ (2.13 m ³)	3.25 yd ³ (2.49 m ³)
	Bucket width – outside	106.3 in (2700 mm)		
			107.6 in (2732 mm)	106.3 in (2700 mm)
	Bucket weight	2,506 lb (1137 kg)	2,605 lb (1182 kg)	2,615 lb (1186 kg)
	Operating height – fully raised w/spillguard	203.5 in (5169 mm)	203.5 in (5169 mm)	205.9 in (5229 mm)
	Hinge pin height – fully raised	156.7 in (3979 mm)	156.7 in (3979 mm)	156.7 in (3979 mm)
	Overall length – bucket level on ground	299.1 in (7596 mm)	305.1 in (7748 mm)	301.1 in (7648 mm)
	Dump angle – fully raised	55°	55°	55°
	Dump height – fully raised, 45° dump	116.7 in (2963 mm)	112.8 in (2864 mm)	115.3 in (2930 mm)
		· · · · ·	· · · ·	
	Bucket reach – fully raised, 45° dump	42.7 in (1086 mm)	47.1 in (1196 mm)	44.3 in (1125 mm)
	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	64.3 in (1633 mm)	66.9 in (1698 mm)	65.3 in (1658 mm)
	Operating load – ISO	11,686 lb (5301 kg)	11,778 lb (5342 kg)	11,606 lb (5265 kg)
	Maximum material density – SAE	3,525 lb/yd3 (2091 kg/m3)	3,836 lb/yd3 (2276 kg/m3)	3,237 lb/yd3 (1920 kg/m3)
		c,c2c, yu (2001	0,000 iz, ya (22, 0 iig, iii)	0,201 10, ya (1020 11g, 11)
	Tipping load – ISO Straight	26,696 lb (12 109 kg)	26,919 lb (12 210 kg)	26,530 lb (12 034 kg)
	40° turn	23,372 lb (10 601 kg)	23,556 lb (10 685 kg)	23,213 lb (10 529 kg)
	Lift capacity –	20,012 10 (10 001 113)	20,000 10 (10 000 1.9)	20,210 10 (10 020 1.9)
	Full height	16,288 lb (7388 kg)	16,192 lb (7345 kg)	16,180 lb (7339 kg)
	Maximum reach	22,519 lb (10 214 kg)	22,443 lb (10 180 kg)	22,405 lb (10 163 kg)
	Ground	29,922 lb (13 572 kg)	30,090 lb (13 649 kg)	29,689 lb (13 467 kg)
	Breakout force w/tilt cylinder	32,907 lb (14 926 kg)	35.598 lb (16 147 kg)	31,382 lb (14 235 kg)
	Maximum rollback –	52,007 ID (11 020 Kg)		0.,002 ib (1 1 200 kg/
	Ground	39°	40°	39°
	Carry position	39 43°	40 43°	39 43°
	@ Maximum reach	40 54°	40 54°	40 54°
	@ Full height	57°	57°	57°
	Dig depth	2.9 in (73 mm)	3.1 in (78 mm)	2.9 in (73 mm)
	Maximum grading angle w/bucket - back dragging	60°	61°	60°
			÷.	
	Loader clearance circle	496.3 in (12 607 mm)	500.9 in (12 724 mm)	497.5 in (12 636 mm)
21F/	ХТ	3.0 yd³ CNH General Purpose (2.3 m Bucket w/ CNH XT Coupler w/Bolt-on Edge	^a) 3.0 yd ³ CNH General Purpose (2.3 m ³) Bucket w/ CNH XT Coupler w/Teeth Only	2.6 yd ³ General Purpose (2.0 m ³) 4-in-1 Bucket on CNH XT Couple
	Operating height – fully raised w/spillguard	217.3 in (5519 mm)	217.3 in (5519 mm)	217.4 in (5522 mm)
		, ,	· · · · ·	, ,
	Hinge pin height – fully raised	163.8 in (4160 mm)	163.8 in (4160 mm)	163.7 in (4158 mm)
	Overall length – bucket level on ground	312.2 in (7931 mm)	318.2 in (8083 mm)	305.0 in (7747 mm)
	Dump angle – fully raised	55°	55°	55°
	Dump height – fully raised, 45° dump	115.0 in (2921 mm)	111.1 in (2822 mm)	119.6 in (3038 mm)
	Bucket reach – fully raised, 45° dump	50.3 in (1279 mm)	54.6 in (1386 mm)	44.6 in (1133 mm)
	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump		74.4 in (1889 mm)	· · · · ·
		72.1 in (1832 mm)	()	68.5 in (1739 mm)
	Operating load – ISO	9,878 lb (4481 kg)	10,070 lb (4568 kg)	9,689 lb (4395 kg)
			()	
	Operating load – ISO	9,878 lb (4481 kg)	10,070 lb (4568 kg)	9,689 lb (4395 kg)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg)	9,689 lb (4395 kg) 3,354 lb/yd ³ (1990 kg/m ³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg)
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	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg)	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg)	9,689 lb (4395 kg) 3,354 lb/yd ³ (1990 kg/m ³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg)
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21F 1	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm)	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm)	9,689 lb (4395 kg) 3,354 lb/yd ³ (1990 kg/m ³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd ³ High Density Pin On (2.3 m ³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm)	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm)	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55°	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55°	9,689 lb (4395 kg) 3,354 lb/yd ³ (1990 kg/m ³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55°
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm)	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55°	10,070 lb (4568 kg) 3,267 lb/yd ³ (1938 kg/m ³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55°	9,689 lb (4395 kg) 3,354 lb/yd ³ (1990 kg/m ³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55°
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – fully raised, 45° dump Bucket reach – fully raised, 45° dump	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle 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	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd ³ High Density Pin On (2.3 m ³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd ³ High Density Pin On (2.3 m ³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm) 9,841 lb (4464 kg)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 13,324 lb (6044 kg) 13,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle 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	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd ³ High Density Pin On (2.3 m ³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm)
•	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd ³ High Density Pin On (2.3 m ³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm) 9,841 lb (4464 kg)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 13,324 lb (6044 kg) 13,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg)
•	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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 –	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg) 2,976 lb/yd ³ (1766 kg/m ³) 22,473 lb (10 194 kg) 19,569 lb (8876 kg)	$\begin{array}{c} 10,070 \text{ lb} (4568 \text{ kg}) \\ 3,267 \text{ lb/yd}^3 (1938 \text{ kg/m}^3) \\ 23,094 \text{ lb} (10 475 \text{ kg}) \\ 20,140 \text{ lb} (9135 \text{ kg}) \\ 20,140 \text{ lb} (9135 \text{ kg}) \\ 20,185 \text{ lb} (9156 \text{ kg}) \\ 30,988 \text{ lb} (14 056 \text{ kg}) \\ 29,852 \text{ lb} (13 541 \text{ kg}) \\ 499.5 \text{ in} (12 687 \text{ mm}) \\ \hline \textbf{3.0 yd}^3 \text{ High Density} \\ \textbf{Pin On} (2.3 \text{ m}^3) \\ \textbf{Bucket w/Teeth Only} \\ 219.0 \text{ in} (5563 \text{ mm}) \\ 172.2 \text{ in} (4374 \text{ mm}) \\ 319.1 \text{ in} (8106 \text{ mm}) \\ 55^{\circ} \\ 128.3 \text{ in} (3259 \text{ mm}) \\ 47.1 \text{ in} (1197 \text{ mm}) \\ 79.2 \text{ in} (2012 \text{ mm}) \\ 9,841 \text{ lb} (4464 \text{ kg}) \\ 3,233 \text{ lb/yd}^3 (1918 \text{ kg/m}^3) \\ 22,617 \text{ lb} (10 259 \text{ kg}) \\ 19,683 \text{ lb} (8928 \text{ kg}) \end{array}$	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg) 2,731 lb/yd³ (1620 kg/m³) 22.315 lb (10 122 kg) 19,417 lb (8808 kg)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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	9,878 lb (4481 kg) 3,032 lb/yd ³ (1799 kg/m ³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd ³ High Density Pin On (2.3 m ³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg) 2,976 lb/yd ⁸ (1766 kg/m ³) 22,473 lb (10 194 kg) 19,569 lb (8876 kg) 15,182 lb (6886 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm) 9,841 lb (4464 kg) 3,233 lb/yd³ (1918 kg/m³) 22,617 lb (10 259 kg) 19,683 lb (8928 kg) 15,085 lb (6842 kg)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 13,324 lb (6044 kg) 13,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg) 2,731 lb/yd³ (1620 kg/m³) 22.315 lb (10 122 kg) 19,417 lb (8808 kg) 15,073 lb (6837 kg)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg) 2,976 lb/yd³ (1766 kg/m³) 22,473 lb (10 194 kg) 19,569 lb (8876 kg) 15,182 lb (6886 kg) 20,200 lb (9163 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm) 9,841 lb (4464 kg) 3,233 lb/yd³ (1918 kg/m³) 22,617 lb (10 259 kg) 19,683 lb (8928 kg) 15,085 lb (6842 kg) 20,122 lb (9127 kg)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg) 2,731 lb/yd³ (1620 kg/m³) 22.315 lb (10 122 kg) 19,417 lb (8808 kg) 15,073 lb (6837 kg) 20,086 lb (9111 kg)
	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg) 2,976 lb/yd³ (1766 kg/m³) 22,473 lb (10 194 kg) 19,569 lb (8876 kg) 20,200 lb (9163 kg) 24,933 lb (11 310 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm) 9,841 lb (4464 kg) 3,233 lb/yd³ (1918 kg/m³) 22,617 lb (10 259 kg) 19,683 lb (8928 kg) 15,085 lb (6842 kg) 20,122 lb (9127 kg) 25,033 lb (11 355 kg)	9,689 lb (4395 kg) 3,354 lb/yd³ (1990 kg/m³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg) 2,731 lb/yd³ (1620 kg/m³) 22.315 lb (10 122 kg) 19,417 lb (8808 kg) 15,073 lb (6837 kg) 20,086 lb (9111 kg) 24,726 lb (11 216 kg)
21F :	Operating load – ISO Maximum material density – SAE Tipping load – ISO Straight 40° turn Lift capacity – Full height Maximum reach Ground Breakout force w/tilt cylinder Loader clearance circle XR Operating height – fully raised w/spillguard Hinge pin height – fully raised Overall length – bucket level on ground Dump angle – 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	9,878 lb (4481 kg) 3,032 lb/yd³ (1799 kg/m³) 22,683 lb (10 289 kg) 19,757 lb (8962 kg) 14,289 lb (6481 kg) 19,988 lb (9067 kg) 31,027 lb (14 074 kg) 27,860 lb (12 637 kg) 495.7 in (12 592 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Bolt-on Edge 219.0 in (5564 mm) 172.2 in (4374 mm) 313.2 in (7955 mm) 55° 132.2 in (3358 mm) 42.8 in (1087 mm) 76.4 in (1942 mm) 9,785 lb (4438 kg) 2,976 lb/yd³ (1766 kg/m³) 22,473 lb (10 194 kg) 19,569 lb (8876 kg) 15,182 lb (6886 kg) 20,200 lb (9163 kg)	10,070 lb (4568 kg) 3,267 lb/yd³ (1938 kg/m³) 23,094 lb (10 475 kg) 20,140 lb (9135 kg) 14526 lb (6589 kg) 20,185 lb (9156 kg) 30,988 lb (14 056 kg) 29,852 lb (13 541 kg) 499.5 in (12 687 mm) 3.0 yd³ High Density Pin On (2.3 m³) Bucket w/Teeth Only 219.0 in (5563 mm) 172.2 in (4374 mm) 319.1 in (8106 mm) 55° 128.3 in (3259 mm) 47.1 in (1197 mm) 79.2 in (2012 mm) 9,841 lb (4464 kg) 3,233 lb/yd³ (1918 kg/m³) 22,617 lb (10 259 kg) 19,683 lb (8928 kg) 15,085 lb (6842 kg) 20,122 lb (9127 kg)	9,689 lb (4395 kg) 3,354 lb/yd ³ (1990 kg/m ³) 22,392 lb (10 157 kg) 19,387 lb (8790 kg) 13,324 lb (6044 kg) 18,837 lb (8545 kg) 29,364 lb (13 319 kg) 31,837 lb (14 441 kg) 492.9 in (12 519 mm) 3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Bolt-on Edge 221.4 in (5623 mm) 172.2 in (4374 mm) 315.2 in (8006 mm) 55° 130.9 in (3324 mm) 44.3 in (1126 mm) 77.5 in (1968 mm) 9,709 lb (4404 kg) 2,731 lb/yd ³ (1620 kg/m ³) 22.315 lb (10 122 kg) 19,417 lb (8808 kg) 15,073 lb (6837 kg) 20,086 lb (9111 kg)

721F Z-Bar		3.25 yd³ Medium Density Pin On (2.5 m³) Bucket w/Teeth Only	3.5 yd³ Low Density Pin On (2.7 m³) Bucket w/Bolt-on Edge	3.5 yd³ (2.7 m³) Bucket w/Grapple w/Bolt-on Edg
	SAE bucket capacity – struck	2.62 yd ³ (2.00 m ³)	3.01 yd ³ (2.30 m ³)	3.03 yd ³ (2.32 m ³)
	Heaped	3.01 yd ³ (2.30 m ³)	3.50 yd ³ (2.68 m ³)	3.49 yd ³ (2.67 m ³)
	Bucket width - outside	107.6 in (2732 mm)	106.3 in (2700 mm)	106.3 in (2700 mm)
	Bucket weight	2,700 lb (1225 kg)	2,823 lb (1280 kg)	4366 lb (1981 kg)
	Operating height – fully raised w/spillguard	205.8 in (5228 mm)	208.6 in (5297 mm)	208.1 in (5286 mm)
	Hinge pin height – fully raised	156.7 in (3979 mm)	156.7 in (3979 mm)	156.6 in (3977 mm)
	Overall length – bucket level on ground	307.1 in (7800 mm)	303.5 in (7708 mm)	303.5 in (7710 mm)
	Dump angle – fully raised	55°	55°	55°
	Dump height – fully raised, 45° dump	111.5 in (2831 mm)	113.8 in (2891 mm)	113.7 in (2889 mm)
	Bucket reach – fully raised, 45° dump	48.6 in (1235 mm)	46.1 in (1171 mm)	46.1 in (1171 mm)
	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	67.8 in (1721 mm)	66.4 in (1686 mm)	66.3 in (1685 mm)
	Operating load – ISO	11,706 lb (5310 kg)	11,461 lb (5199 kg)	10,527 lb (4775 kg)
	Maximum material density – SAE	3,526 lb/yd3 (2092 kg/m3)	2,964 lb/yd ³ (1759 kg/m ³)	2,702 lb/yd3 (1603 kg/m3)
	Tipping load – ISO Straight 40° turn	26,769 lb (12 142 kg) 23,413 lb (10 620 kg)	26,227 lb (11 896 kg) 22,922 lb (10 397 kg)	24,316 lb (11 029 kg) 21,055 lb (9550 kg)
	Lift capacity – Full height Maximum reach Ground	16,097 lb (7302 kg) 22,343 lb (10 134 kg) 29,872 lb (13 550 kg)	15,972 lb (7245 kg) 22,189 lb (10 065 kg) 29,337 lb (13 307 kg)	14,426 lb (6544 kg) 20,615 lb (9351 kg) 27,316 lb (12 390 kg)
	Breakout force w/tilt cylinder	33,827 lb (15 344 kg)	29,732 lb (13 486 kg)	27,976 lb (12 690 kg)
	Maximum rollback – Ground Carry position @ Maximum reach @ Full height	40° 43° 54° 57°	39° 43° 54° 57°	39° 43° 54° 57°
	Dig depth	3.1 in (78 mm)	2.9 in (74 mm)	3.0 in (76 mm)
	Maximum grading angle w/bucket – back dragging	61°	60°	60°
	Loader clearance circle	502.1 in (12 754 mm)	498.8 in (12 671 mm)	498.9 in (12 671 mm)

721F/XT	60 in Fork on CNH XT Coupler
Fork attachment weight including coupler	2387 lb (1082 kg)
Operating load – (per EN 474-3): Rough terrain Firm and level ground	8289 lb (3760 kg) 11,052 in (5013 mm)
Tipping load straight ISO	16,160 in (7330 mm)
Tipping load @ 40° turn ISO	13,815 in (6266 mm)
Unit operating mass	31,500 lb (14,288 kg)

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.

721F XR		3.25 yd [®] Medium Density Pin On (2.5 m [®]) Bucket w/Teeth Only	3.5 yd³ Low Density Pin On (2.7 m³) Bucket w/ Bolt-on Edge	3.5 yd³ (2.7 m³) Bucket w/Grapple w/Bolt-on Edge
E.	Operating height – fully raised w/spillguard	221.4 in (5623 mm)	224.1 in (5692 mm)	223.6 in (5680 mm)
F.	Hinge pin height – fully raised	172.2 in (4374 mm)	172.2 in (4374 mm)	172.1 in (4372 mm)
G.	Overall length – bucket level on ground	321.2 in (8157 mm)	317.6 in (8066 mm)	317.6 in (8068 mm)
	Dump angle – fully raised	55°	55°	55°
H.	Dump height – fully raised,45° dump	127.0 in (3226 mm)	129.4 in (3286 mm)	129.3 in (3284 mm)
J.	Bucket reach – fully raised, 45° dump	48.7 in (1236 mm)	46.1 in (1172 mm)	46.1 in (1172 mm)
К.	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	80.2 in (2037 mm)	78.7 in (1998 mm)	78.6 in (1998 mm)
	Operating load – ISO	9,773 lb (4433 kg)	9,572 lb (4342 kg)	8,671 lb (3933 kg)
	Maximum material density – SAE	2,969 lb/yd ³ (1762 kg/m ³)	2,497 lb/yd3 (1482 kg/m3)	2,243 lb/yd ³ (1331 kg/m ³)
	Tipping load – ISO Straight 40° turn	22,474 lb (10 194 kg) 19,546 lb (8866 kg)	22,031 lb (9993 kg) 19,143 lb (8683 kg)	20,194 lb (9,160 kg) 17,341 lb (7866 kg)
	Lift capacity – Full height Maximum reach Ground	14,990 lb (6799 kg) 20,022 lb (9082 kg) 24,839 lb (11 267 kg)	14,865 lb (6743 kg) 19,871 lb (9013 kg) 24,405 lb (11 070 kg)	13,320 lb (6042 kg) 18,299 lb (8300 kg) 22,477 lb (10 196 kg)
	Breakout force w/tilt cylinder	33,653 lb (15 265 kg)	29,574 lb (13 414 kg)	27,819 lb (12 619 kg)
	Loader clearance circle	515.2 in (13 087 mm)	511.6 in (12 996 mm)	511.7 in (12 996 mm)

21F Z-Bar		5.5 yd³ Low Density Pin On (4.2 m³) Bucket w/Bolt-on Edge	3.0 yd ³ General Purpose (2.3 m ³) Bucket on CNH Z-Bar Coupler w/ Bolt-on Edge	3.0 yd ³ General Purpose (2.3 m ³) Bucket on CNH Z-Bar Coupler w/ Teeth Only
SAE bucket	capacity - struck	5.49 yd ³ (4.20 m ³)	2.51 yd ³ (1.92 m ³)	2.42 yd ³ (1.85 m ³)
Heaped		5.49 yd ³ (4.20 m ³)	2.94 yd ³ (2.25 m ³)	2.79 yd ³ (2.13 m ³)
Bucket widt	h – outside	106.3 in (2700 mm)	106.3 in (2700 mm)	107.6 in (2732 mm)
Bucket weig	Iht	3,025 lb (1372 kg)	3,722 lb (1688 kg)	3,559 lb (1614 kg)
. Operating he	eight – fully raised w/spillguard	223.2 in (5669 mm)	211.0 in (5359 mm)	211.0 in (5360 mm)
Hinge pin he	eight – fully raised	156.6 in (3979 mm)	156.6 in (3978 mm)	156.6 in (3978 mm)
. Overall lengt	th – bucket level on ground	319.7 in (8119 mm)	309.8 in (7868 mm)	315.7 in (8020 mm)
Dump angle	- fully raised	55°	55°	55°
I. Dump heigh	t – fully raised, 45° dump	103.1 in (2617 mm)	109.7 in (2787 mm)	105.9 in (2689 mm)
. Bucket reac	h – fully raised, 45° dump	56.7 in (1441 mm)	50.9 in (1293 mm)	55.2 in (1403 mm)
Bucket reac	h – 7 ft 0 in (2.13 m) height, 45° dump	71.3 in (1811 mm)	69.2 in (1757 mm)	71.4 in (1814 mm)
Operating lo	ad – ISO	10,753 lb (4878 kg)	10,168 lb (4620 kg)	10,379 lb (4708 kg)
Maximum m	aterial density – SAE	1,768 lb/yd3 (1049 kg/m3)	3,132 lb/yd³ (1858 kg/m³)	3,373 lb/yd3 (2001 kg/m3)
Tipping load Straight 40° turn		24,651 lb (11 182 kg) 21,507 lb (9755 kg)	23,444 lb (10 634 kg) 20,371 lb (9240 kg)	23,860 lb (10 823 kg) 20,758 lb (9416 kg)
Lift capacity Full heig Maximu Ground	ht	15,759 lb (7148 kg) 21,879 lb (9924 kg) 27,958 lb (12 682 kg)	15,005 lb (6806 kg) 21,060 lb (9552 kg) 26,962 lb (12 230 kg)	15,173 lb (6882 kg) 21,248 lb (9638 kg) 27,342 lb (12 402 kg)
Breakout for	rce w/tilt cylinder	22,294 lb (10 112 kg)	26,375 lb (11 964 kg)	28,237 lb (12 808 kg)
Maximum ro Ground Carry po @ Maxin @ Full he	psition num reach	40° 43° 54° 57°	39° 43° 54° 57°	39° 43° 54° 57°
. Dig depth		4.3 in (110 mm)	2.9 in (75 mm)	3.1 in (80 mm)
Maximum gi	rading angle w/bucket – back dragging	65°	60°	62°
Loader clear	rance circle	508.8 in (12 923 mm)	502.8 in (12 770 mm)	507.6 in (12 893 mm)

721F XR		5.5 yd³ Low Density Pin On (4.2 m³) Bucket w/Bolt-on Edge	3.0 yd³ General Purpose (2.3 m³) Bucket on Z-bar Coupler w/Bolt-on Edge	3.0 yd³ General Purpose (2.3 m³) Bucket on Z-bar Coupler w/Teeth Only
E.	Operating height – fully raised w/spillguard	238.7 in (6064 mm)	226.5 in (5754 mm)	226.5 in (5754 mm)
F.	Hinge pin height – fully raised	172.2 in (4373 mm)	172.1 in (4372 mm)	172.2 in (4373 mm)
G.	Overall length – bucket level on ground	333.6 in (8473 mm)	323.9 in (8226 mm)	329.8 in (8377 mm)
	Dump angle – fully raised	55°	55°	55°
н.	Dump height – fully raised,45° dump	118.6 in (3012 mm)	125.3 in (3182 mm)	121.4 in (3083 mm)
J.	Bucket reach – fully raised, 45° dump	56.8 in (1442 mm)	50.9 in (1294 mm)	55.3 in (1404 mm)
к.	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	84.2 in (2140 mm)	81.7 in (2075 mm)	84.2 in (2138 mm)
	Operating load – ISO	9,002 lb (4083 kg)	8,495 lb (3853 kg)	8,662 lb (3929 kg)
	Maximum material density – SAE	1,492 lb/yd ³ (885 kg/m ³)	2,631 lb/yd3 (1561 kg/m3)	2,836 lb/yd3 (1683 kg/m3)
	Tipping load – ISO Straight 40° turn	20,764 lb (9419 kg) 18,004 lb (8167 kg)	19,695 lb (8933 kg) 16,991 lb (7707 kg)	20,051 lb (9095 kg) 17,324 lb (7858 kg)
	Lift capacity – Full height Maximum reach Ground	14,654 lb (6647 kg) 19,570 lb (8877 kg) 23,269 lb (10 554 kg)	13,903 lb (6306 kg) 18,758 lb (8508 kg) 22,412 lb (10 166 kg)	14,071 lb (6383 kg) 18,944 lb (8593 kg) 22,734 lb (10 312 kg)
	Breakout force w/tilt cylinder	22,199 lb (10 069 kg)	26,226 lb (11 896 kg)	28,083 lb (12 738 kg)
	Loader clearance circle	523.0 in (13 285 mm)	516.2 in (13 111 mm)	521.5 in (13 247 mm)

721F Z-Bar		2.6 yd ³ (1.9 m ³)	
		4-in-1 Bucket on CNH Z-bar co	upler
	SAE bucket capacity – struck	2.24 yd ³ (1.71 m ³)	
	Heaped	2.59 yd ³ (1.98 m ³)	
	Bucket width – outside	106.3 in (2700 mm)	
	Bucket weight	5,000 lb (2268 kg)	
E.	Operating height – fully raised w/spillguard	211.4 in (5371 mm)	
F.	Hinge pin height – fully raised	156.5 in (3976 mm)	
G.	Overall length – bucket level on ground	302.5 in (7684 mm)	
	Dump angle – fully raised	55°	
Н.	Dump height – fully raised, 45° dump	114.4 in (2905 mm)	
J.	Bucket reach – fully raised, 45° dump	45.3 in (1150 mm)	
к.	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	65.8 in (1671 mm)	
	Operating load – ISO	10,027 lb (4548 kg)	
	Maximum material density – SAE	3,477 lb/yd3 (2063 kg/m3)	
	Tipping load – ISO		
	Straight	23,223 lb (10 534 kg)	
	40° turn	20,053 lb (9096 kg)	
	Lift capacity –		
	Full height Maximum reach	13,751 lb (6237 kg) 19,885 lb (9020 kg)	
	Ground	26,464 lb (12 004 kg)	
	Breakout force w/tilt cylinder	30,119 lb (13 662 kg)	
		30,119 lb (13 662 kg)	
	Maximum rollback – Ground	39°	
	Carry position		
	@ Maximum reach	43 54°	
	@ Full height	57°	
L.	Dig depth	3.0 in (77 mm)	
	Maximum grading angle w/bucket – back dragging	59°	
	Loader clearance circle	498.5 in (12 661 mm)	
		, ,	

721F XR		2.6 yd³ General Purpose (1.9 m³) 4-in-1 Bucket on Z-bar coupler	
E.	Operating height – fully raised w/spillguard	227.0 in (5765 mm)	
F.	Hinge pin height – fully raised	172.1 in (4371 mm)	
G.	Overall length – bucket level on ground	316.6 in (8042 mm)	
	Dump angle – fully raised	55°	
Н.	Dump height – fully raised,45° dump	129.9 in (3299 mm)	
J.	Bucket reach – fully raised, 45° dump	45.3 in (1151 mm)	
К.	Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	78.1 in (1983 mm)	
	Operating load – ISO	8,236 lb (3736 kg)	
	Maximum material density – SAE	2,876 lb/yd3 (1707 kg/m3)	
	Tipping load – ISO Straight 40° turn	19,251 lb (8732 kg) 16,471 lb (7,471 kg)	
	Lift capacity – Full height Maximum reach Ground	12,647 lb (5737 kg) 17,576 lb (7972 kg) 21,739 lb (9861 kg)	
	Breakout force w/tilt cylinder	29,950 lb (13 585 kg)	
	Loader clearance circle	511.2 in (12 984 mm)	

60 INCH FORKS

721F Z-Bar Lift Arm: Forks on CNH Z-Bar Coupler	
Dimensional	
Fork length – Vertical front surface of tine to fork tip	60.0 in (1524 mm)
Fork load center – Vertical front surface of tine to load CG	30.0 in (762 mm)
Fork width (max) – Outside to outside of tine	60.0 in (1524 mm)
Fork clearance @ full height – Ground to top of tine	145.3 in (3692 mm)
Fork reach @ full height - Vertical front surface of tine to front of tire	36.8 in (934 mm)
Fork clearance @ max reach – Ground to top of tine	69.2 in (1758 mm)
Fork reach (max) – Vertical front surface of tine to front of tire	67.2 in (1708 mm)
Fork reach @ ground – Vertical front surface of tine to front of tire	42.8 in (1088 mm)
Operational	
Fork attachment weight (includes coupler)	2,664 lb (1208 kg)
Operating load – (per EN 474-3)	
Rough terrain	8,356 lb (3790 kg)
Firm and level ground	11,141 lb (5054 kg)
Tipping load straight ISO	16,336 lb (7410 kg)
Tipping Load @ 40° turn ISO	13,926 lb (6317 kg)

XT Lift Arm: Forks on CNH XT Coupler

Overall length – Forks level on ground

Operating weight

Dimensional	
Fork length – Vertical front surface of tine to fork tip	60.0 in (1524 mm)
Fork load center - Vertical front surface of tine to load CG	30.0 in (762 mm)
Fork width (max) – Outside to outside of tine	60.0 in (1524 mm)
Fork clearance @ full height – Ground to top of tine	150.7 in (3827 mm)
Fork reach @ full height - Vertical front surface of tine to front of tire	38.1 in (968 mm)
Fork clearance @ max reach – Ground to top of tine	71.1 in (1806 mm)
Fork reach (max) – Vertical front surface of tine to front of tire	70.9 in (1800 mm)
Fork reach @ ground – Vertical front surface of tine to front of tire	45.6 in (1159 mm)

31,558 lb (14 315 kg)

334.5 in (8495 mm)

Operational Fork attachment weight (includes coupler) 2,387 lb (1082 kg) Operating load - (per EN 474-3) Rough terrain 8,289 lb (3760 kg) Firm and level ground 11,052 lb (5013 kg) Tipping load straight ISO 16,160 lb (7330 kg) Tipping Load @ 40° turn ISO 13,815 lb (6266 kg) Operating weight 31,500 lb (14 288 kg) Overall length – Forks level on ground 337.3 in (8566 mm)

XR Lift Arm: Forks on CNH Z-Bar Coupler Dimensional

Fork length – Vertical front surface of tine to fork tip	60.0 in (1524 mm)
Fork load center – Vertical front surface of tine to load CG	30.0 in (762 mm)
Fork width (max) – Outside to outside of tine	60.0 in (1524 mm)
Fork clearance @ full height – Ground to top of tine	160.9 in (4086 mm)
Fork reach @ full height - Vertical front surface of tine to front of tire	36.8 in (935 mm)
Fork clearance @ max reach – Ground to top of tine	69.2 in (1756 mm)
Fork reach (max) – Vertical front surface of tine to front of tire	78.5 in (1995 mm)
Fork reach @ ground – Vertical front surface of tine to front of tire	56.9 in (1446 mm)

Fork attachment weight (includes coupler)	2,664 lb (1208 kg)
Operating load – (per EN 474-3)	
Rough terrain	7,356 lb (3336 kg)
Firm and level ground	9,807 lb (4449 kg)
Tipping load straight ISO	14,465 lb (6561 kg)
Tipping Load @ 40° turn ISO	12,259 lb (5561 kg)
Operating weight	32,039 lb (14 533 kg)
Overall length – Forks level on ground	348.6 in (8853 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 Hvdraulic 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

Horn

NOTE: *If equipped with option.

OPERATOR ENVIRONMENT

ROPS cab w/ heat
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

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	5.2 sec
Dump w/rated bucket load	
Z-Bar and XR	1.2 sec
XT	1.3 sec
Lower (empty)	
Power down	2.5 sec
Float down	2.4 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	47.0 gal (177.8 L)
Reservoir	24.0 gal (90.8 L)
Transmission	
Service w/filter	36 qt (34 L)
Front and rear axle	
Front axle	37 qt (35 L)
Rear axle	24.3 qt (23 L)
Front and rear axle (optional)	
Front axle	37 qt (35 L)
Rear axle	37 qt (35 L)
Engine oil w/filter	16 qt (15.1 L)
Cooling system (-40)	30 qt (28.4 L)

OPERATING WEIGHTS

Z-Bar

Unit equipped with ROPS cab with heater and A/C, full counterweight, 20.5R25 XHA TL Michelin tires, front and rear fenders, 3.25 yd³ (2.5 m³) HD Pin On bucket w/edge, full fuel, 175 lb (79 kg) operator

31,510 lb (14 293 kg)

XT Unit equipped with ROPS cab with heater and A/C, full counterweight, 20.5R25 XHA TL Michelin tires, 3.0 yd³ (2.3 m³) CNH GP with CNH XT Coupler w/edge, standard batteries, full fuel, 175 lb (79 kg) operator

32,339 lb (14 667 kg)

XR Unit equipped with ROPS cab with heater and A/C, full counterweight, 20.5R25 XHA TL Michelin tires, front and rear fenders, 3.25 yd³ (2.5 m³) HD Pin On bucket w/edge, full fuel, 175 lb (79 kg) operator 31,991 lb (14 511 kg)

STANDARD EQUIPMENT

OPERATOR'S ENVIRONMENT

ROPS/FOPS cab structure See page 8 ENGINE FPT F4HFE613Y Tier 4 interim certified Selectable work modes Max power Auto power Standard power Economy power Turbocharger Charge air cooling Automatic fan belt tensioner Integral engine oil cooling Fuel filter w/water trap Dual-element drv-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

OPTIONAL EQUIPMENT

OPERATOR'S COMPARTMENT

Heated cloth-covered air-suspension seat 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 rear view mirrors Rear view camera with accessory mount Extra front-facing work lights

LOADER See page 8 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 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 HYDRAULICS Single lever 2-spool loader control valve Low-effort steering Hydraulic driven fan (8) Diagnostic guick couplers

DRIVETRAIN

5F/3R Autoshift/manual shift transmission, lockup torque converter, PowerInch de-clutch Special application axles with auto-locking front differential and rear open differential Commodity King package with heavy debris cooling system Cold weather package Heavy-duty (2) 950 CCA 12V batteries Fuel heater Hydraulic oil cooler bypass Low temperature hydraulic oil Grid heater Full-view or ejector type pre-cleaner Remote jump start receptacle

Split flange hydraulic connections (1 inch or greater)

HYDRAULICS

Auxiliary hydraulics Ride Control Secondary steering 3-spool loader valves with 2-lever loader control (joystick plus lever) Variable speed hydraulic reversing fan Hydraulic cooler

ELECTRICAL

Alternator and voltage regulator Electrical disconnect **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 Centrally located fuse box with all electrical circuits protected OTHER Electric hood lift Front and rear fenders Standard counterweight Drawbar hitch Articulation locking bar Lift arm locking bar Lift and tie-down points - front/rear Backup alarm Remote drain points Remote-mounted ecology drains for Engine oil Engine coolant Hydraulic oil

LOADER

Attachment auxiliary hydraulics Buckets (see pages 3 through 6) Loader coupler systems XT parallel lift XR extended reach Forks (see page 7)

TIRES

20.5-25 16 PR L3 bias (rock) 20.5 R25 L2 radial (dirt/traction) 20.5 R25 L3 radial (rock) 20.5 R25 SnoPlus radial (snow)

OTHER

Special paint Full coverage fenders Belly pan Tool box Full counterweight - Z-Bar Fire extinguisher Spare wheel and tires Side guards for rear frame License plate bracket 20 kph maximum speed control This page intentionally left blank.



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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Printed in U.S.A. 721F/XT/XR • Page 10 of 10



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