

ENGINE

Model	Case F5C Diesel, Tier 4 Interim Emissions Certified
Type	4-stroke, turbocharged
Cylinders	4
Bore/Stroke	3.9 in x 4.33 in (99 mm x 110 mm)
Displacement	207 in ³ (3.4 L)
Fuel injection	Direct high pressure common rail
Fuel	Diesel
Fuel filter	w/ water trap
Air intake	Cross-flow
Cooling	Liquid
Engine speeds*	RPM
Rated speed, full load	2200
Low idle	875 – 1025
High idle, no load	2300 – 2450
Horsepower @ 2200 RPM:	
Gross	85 hp (63 kW)
Net w/ viscous fan**	83 hp (62 kW)
Net	78 hp (59 kW)
Maximum torque @ 1400 RPM:	
Gross	276 lb-ft (374 N-m)
Net w/ viscous fan	274 lb-ft (372 N-m)
Net	268 lb-ft (364 N-m)
Torque rise at rated speed	36%
Radiator:	
Core type	Square wave
Core size area	486 in ² (3145 cm ²)
Rows of tubes	4
39 degree fan:	
Style	7 blade suction
Diameter	19.65 in (499 mm)
Ratio	1.1:1
Water pump style	Integral
Engine oil pump:	
Deep sump plate cooler with pressurized under-piston nozzles	
Pump operating angle ratings:	
Side-to-side	Rated 35°
Fore and aft	Rated 35°
Oil filtration	Replaceable, full-flow spin-on

NOTE: *Meets federal emission regulations.

**Viscous fan included with Cab
Convenience package.

POWERTRAIN

Transmission – standard:		
4F-4R Power Shuttle Synchronesh Transmission manual gear shift fully synchronized		
Transmission – optional:		
Powershift S-Type, 4F-3R fully synchronized		
NOTE: Specifications below apply to both Power Shuttle and Powershift S-Type transmission unless otherwise indicated.		
Gear ratios	Forward/Reverse	
1st	5.603/4.643	
2nd	3.481/2.884	
3rd	1.584/1.313	
4th	0.793/0.657*	
Travel speeds:		
	Forward	Reverse
	mph (km/h)	mph (km/h)
1st	3.8 (6.1)	4.5 (7.3)
2nd	6.1 (9.8)	7.3 (11.7)
3rd	12.9 (20.8)	15.5 (24.9)
4th	24.3 (39.1)	29.1 (46.9)*
Torque converter ratio	3.2	

Differential lock	On-the-go push-button activation
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Front 4WD/Rear axle:		
Differential ratio	2.0/2.5	
Planetary hub ratio	6.0/6.4	
Total reduction ratio	12.0/16.0	

Service brakes:		
Individually applied, power assisted, hydraulically actuated, maintenance-free, self-adjusting, outboard mounted, wet disc, 2 per side.		
Disc area	384 in ² (.25 m ²)	

Parking brakes:		
Trans Mounted spring applied hydraulic release (SAHR).		

NOTE: Travel speeds at 2,293 engine RPM with
19.5 L x 24 tires. Speeds decrease with
17.5 L x 24 rear tires. 4R not available on
Powershift S-Type.

ELECTRICAL

Voltage	12 Volts, negative ground
Alternator	120 amp
Battery	850 cold-cranking amps
Opt. batteries (2)	850 cold-cranking amps
Power plugs (2)	30 amps total

OPERATOR ENVIRONMENT

ROPS/FOPS certified protective canopy;
Anti-vandalism cover for dash (with canopy only);
Rear fenders extensions; Coat hook w/ garment
strap; Interior rear view mirror, convex 90 mm
wide x 275 mm high; Non suspension seat –
180° swivel – Vinyl; 2 in (50 mm) retractable
seat belt; Cup holder/storage tray mounted
on left-hand fender; Right-hand storage
compartment w/ lid.

Gauges:
Engine water temperature; Converter
oil temperature; Fuel level; Tachometer/
hourmeter; Voltmeter.

Warning lights:
Air cleaner restriction; Alternator; A/C high
pressure; Cold start; Engine oil pressure low;
Hydraulic oil filter bypass; Parking brake
engagement; Low fuel.

Audible alarms:
Coolant temperature; Engine oil pressure;
Parking brake engagement; Shuttle
engagement/seat position; Backup.

Horn – dual switched front and rear.

OPERATING WEIGHT

Configuration 1 – SAE Transport:

Standard dipper, 82 in (2.08 m) LL bucket,
2WD, 17.5 L x 24 rear tires, 24” Trenching
bucket, standard cast stabilizer pads, ROPS
canopy, vinyl-suspension seat, dual battery,
no operator, fully fueled:

14,564 lb (6607 kg)

Configuration 2 – SAE Transport:

Extendahoe dipper, 82 in (2.08 m) bucket,
4WD, 19.5 L x 24 rear tires, 24 HD bucket,
flip stabilizer pads, ROPS cab, cloth , air
suspension seat, dual battery, no operator,
backhoe mechanical quick coupler,
1,100 lb (500 kg) counterweight and
40 gal (151 L) plastic fuel tank:

17,454 lb (7917 kg)

Add-on weights:

Buckets:	
4 IN1 bucket	1,451 lb (658 kg)
82 in (2.08 m) General Purpose:	683 lb (310 kg)
93 in (2.36 m) General Purpose:	1,188 lb (539 kg)

OPERATING WEIGHT (CONT.)

24 in (610 mm) Heavy-Duty Universal:	427 lb (193.5 kg)
Cab (over canopy)	0 lb (0 kg)
Fabricated Stabilizer pads	141 lb (64 kg)
Counterweights	700 lb (318 kg)
Extendahoe ®	285 lb (129 kg)
4WD w/ driveshaft guard	283 lb (128 kg)

HYDRAULICS

Pump:	Parker P330 Single Section Gear Pump
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Standard main relief pressure:	3,350 +/- 50 psi @ 28.5 gpm (231 +/- 3.5 bar @ 108 L/min)
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Filtration:	7-micron, return line, full flow, spin-on element, condition indicator light for filter.
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Oil cooler	Heavy-duty
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Loader flow @ rated engine RPM:	28.5 gpm @ 3,000 psi (108 L/min @ 207 bar)
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Loader control valve:

Two or three spool open center monoblock valve. Two & three spool valves have a single lever manual control for lift and tilt functions. Three spool valve uses a proportional Electro-Hydraulic control for the auxiliary function. The lift lever has a positive hold "Float" position and a "return-to-dig" feature. System Main Relief valve is single stage with Manual Backhoe Controls, dual stage relief valve with Pilot Backhoe Controls.

Loader auxiliary hydraulics proportional thumb switch w/detent on loader control handle.

Loader auxiliary hydraulics with full available flow:

0 – 28.5 gpm (0 – 108 L/min)

Backhoe flow@ rated engine RPM:	28.5 gpm @ 3,000 psi (108 L/min @ 207 bar)
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Manual Backhoe Control Valve:

Six or Seven spool monoblock Open Center control valve. Features "Pro-Control" which includes custom designed spools for each individual function along with "swing cushioning" valve for zero-wag swing control. Basic control valve has an open center parallel circuit for all functions.

Pilot Backhoe Control Valve:

Six, seven, or eight-spool sectional Closed Center control valve. Features "Pro-Control" which includes custom designed spools for each individual function along with "swing cushioning" valve for zero-wag swing control. Basic control valve is closed center, with circuits in parallel with a post-compensated, flow sharing feature for simultaneous operation of all circuits.

HYDRAULICS (CONT.)

Unidirectional Auxiliary Hydraulics:

Unidirectional hydraulic valve is equipped with an adjustable LS relief valve to control attachment pressure and a 6 position flow control selector for 6 detented, distinct flow settings.

Actuation:	Manual backhoe controls – Cab floor pedal Pilot controls – Left hand joystick
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SERVICE CAPACITY

Fuel tank	42 gal (159 L)
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Hydraulic system:	
Total	112 qt (106 L)
w/ Extendahoe®	118 qt (111.7 L)
Reservoir w/ filter	58 qt (55 L)
Reservoir w/o filter	56 qt (53 L)

Transmission - total system:	
2WD Standard	18 qt (17 L)
2WD Powershift	23 qt (21.7 L)
4WD Standard	21 qt (19.4 L)
4WD Powershift	22 qt (20.7 L)

4WD Front axle:	
Differential	8.1 qt (7.7 L)
Planetaries (each)	0.5 qt (0.5 L)

Rear axle:	
Differential & Planetaries	14.4 qt (13.6 L)

Engine oil w/ filter	14.4 qt (13.6 L)
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Cooling system:	
w/ heater	17.8 qt (16.8 L)
w/o heater	17.0 qt (16.1 L)

Window washer reservoir	3.0 qt (2.8 L)
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OTHER SPECIFICATIONS

Front tires:	2WD – 11 L x 16, 10-ply rating 4WD – 12 L x 16.5, 8-ply rating
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Rear tires:	2/4WD – 19.5 L x 24, 10-ply rating 2/4WD – 17.5 L x 24, 10-ply rating 2/4WD – 16.9 L x 28, 10-ply rating
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Loader:	Bucket position indicator; Lifting lugs on standard bucket; Single lever control with self-leveling and return-to-dig; Hand operated clutch disconnects on loader and shift levers, single lever 4 function loader control: lift, dump, clutch cut-out, differential lock.
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OTHER SPECIFICATIONS (CONTINUED)

Turning diameter:

2WD:	
Brakes on	10 ft 8 in (3.24 m)
Brakes off	12 ft 4 in (3.79 m)

4WD – engaged:	
Brakes on	11 ft 4 in (3.45 m)
Brakes off	13 ft 10 in (4.21 m)

4WD – disengaged:	
Brakes on	11 ft 0 in (3.36 m)
Brakes off	12 ft 3 in (3.72 m)

NOTE: Turning radius dimensions curb to curb w/ 17.5 L x 24 rear tires and 4 in 1 bucket.

Loader bucket sizes:

Width	Weight	Struck	Heaped
Long Lip Bucket w/o bolt on edge			
82 in (2.08 m)	683 lb (310 kg)	0.87 yd ³ (0.67 m ³)	1.03 yd ³ (0.79 m ³)
93 in (2.36 m)	1,188 lb* (539 kg)	1.07 yd ³ (0.82 m ³)	1.25 yd ³ (0.96 m ³)

4 IN 1® Bucket w/ bolt on edge			
Width	Weight	Struck	Heaped
82 in (2.08 m)	1,451 lb* (658 kg)	0.85 yd ³ (0.65 m ³)	1.04 yd ³ (0.80 m ³)

Backhoe:

Over center design, fabricated "S" boom; Open-center hydraulics – pro control system; 15,700 lb-ft (21 297 N-m) swing torque; 198° bucket rotation; Foot-swing w/ 3 lever control; Wing stabilizers w/cleated dirt pad.

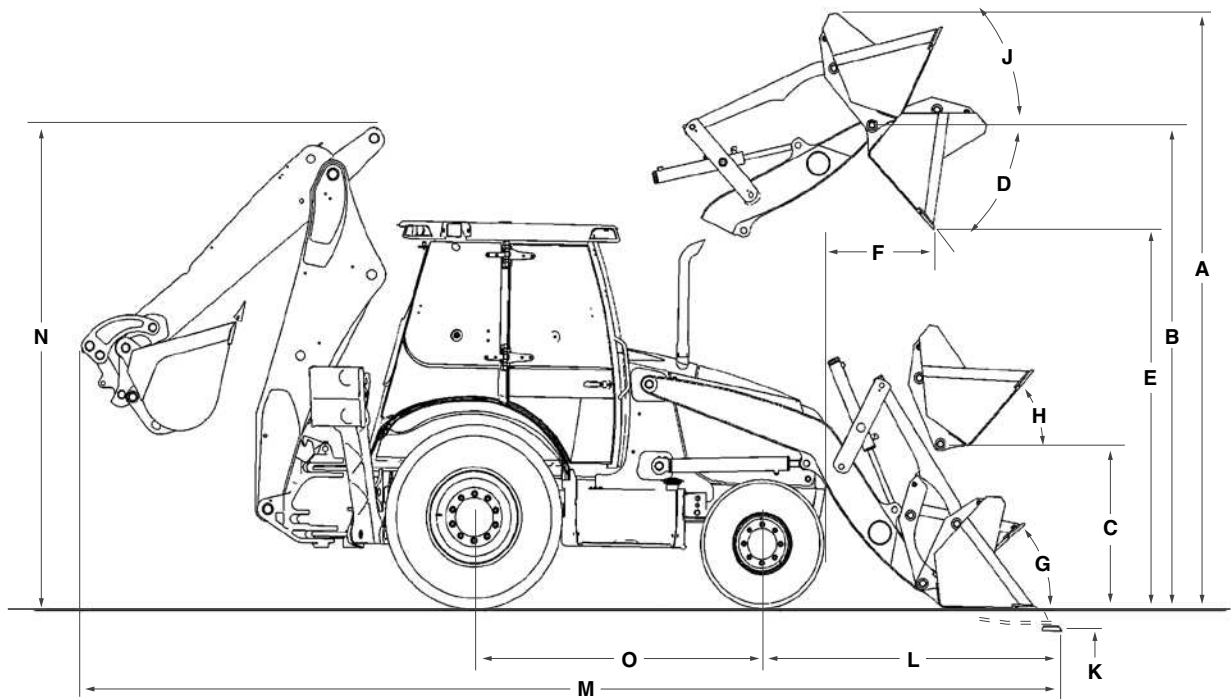
Backhoe bucket sizes:

Width	Weight	Heaped
General Purpose Trenching Buckets		
18 in (457 mm)	231.5 lb (105 kg)	4.7 ft ³ (0.13 m ³)
24 in (610 mm)	272 lb (123.4 kg)	6.26 ft ³ (0.18 m ³)

Universal Buckets		
Width	Weight	Heaped
12 in (305 mm)	294.5 lb (133.6 kg)	3.40 ft ³ (0.10 m ³)
18 in (457 mm)	356.3 lb (161.6 kg)	5.30 ft ³ (0.15 m ³)
24 in (610 mm)	426.6 lb (193.5 kg)	7.70 ft ³ (0.22 m ³)
30 in (762 mm)	489.4 lb (222 kg)	10.2 ft ³ (0.29 m ³)
36 in (914 mm)	552.3 lb (250.5 kg)	12.7 ft ³ (0.36 m ³)

High Capacity Buckets		
Width	Weight	Heaped
24 in (610 mm)	446.7 lb (202.6 kg)	8.50 ft ³ (0.24 m ³)

NOTE: *Weight of 4 IN 1 bucket includes edges, cylinders, and tube lines.



LOADER DIMENSIONS*

	Long Lip Bucket	4 IN 1® Bucket
A. Overall operating height – fully raised	13 ft 9 in (4.18 m)	13 ft 8 in (4.16 m)
Height to:		
B. Bucket hinge pin fully raised	11 ft 3 in (3.42 m)	11 ft 3 in (3.42 m)
C. Bucket hinge pin @ SAE carry	1 ft 2 in (345 mm)	1 ft 2 in (345 mm)
D. Dump angle @ full height	47°	47°
E. Dump clearance @ full height, 45° dump:		
Bucket	8 ft 10 in (2.69 m)	8 ft 11 in (2.71 m)
Clam open	NA	9 ft 8 in (2.96 m)
F. Dump reach @ full height, 45° dump:		
Bucket	2 ft 8 in (801 mm)	2 ft 5 in (738 mm)
Clam open	NA	1 ft 3 in (388 mm)
Bucket rollback:		
G. @ groundline	42°	42°
H. @ SAE carry	42°	42°
J. @ full height	Adjustable	Adjustable
K. Digging depth below grade:		
Bucket flat	6.1 in (155 mm)	4.8 in (122 mm)
Clam open (dozing)	NA	4.1 in (103 mm)
L. Reach from front axle centerline – bucket on ground	6 ft 1 in (2.08 m)	6 ft 1 in (2.03 m)
Lift capacity to full height	6,803 lb (3086 kg)	6,454 lb (2930 kg)
Breakout force:		
Lift cylinders	9,506 lbf (4228 daN)	9,276 lbf (4126 daN)
Dump cylinders	10,622 lbf (4724 daN)	11,312 lbf (5032 daN)
Bucket cutting edge width	82.5 in (2.09 m)	82 in (2.08 m)
Maximum grading angle	114°	114°
Maximum clam opening	NA	38.3 in (972 mm)
Moldboard height	NA	36.8 in (934 mm)
Raising time to full height	4.6 sec	4.6 sec
Bucket dumping time	1.1 sec	1.1 sec
Lowering time:		
Power down	2.6 sec	2.6 sec
Return-to-dig	3.6 sec	3.6 sec
Clam:		
Open time	NA	1.0 sec
Close time	NA	1.0 sec

NOTE: Loader dimensions taken with 4WD, 19.5 L x 24 rear tires.

DIMENSIONS

	2WD w/ 19.5 L x 24 tires	4WD w/ 19.5 L x 24 tires
M. Overall transport length:		
Long Lip bucket w/ Quick Coupler	23 ft 5 in (7.14 m)	23 ft 4 in (7.10 m)
4 IN 1 [®] bucket w/ Quick Coupler	23 ft 3 in (7.07 m)	23 ft 1 in (7.04 m)
Long Lip bucket w/ Straight Links	23 ft 6 in (7.15 m)	23 ft 4 in (7.12 m)
4 IN 1 [®] bucket w/ Straight Links	23 ft 3 in (7.09 m)	23 ft 2 in (7.06 m)
Overall transport width (rear tires)	6 ft 10 in (2.07 m)	6 ft 10 in (2.07 m)
Height:		
To top of canopy	8 ft 9 in (2.66 m)	8 ft 9 in (2.66 m)
To top of cab	8 ft 11 in (2.72 m)	8 ft 11 in (2.72 m)
To top of exhaust stack	8 ft 7 in (2.62 m)	8 ft 7 in (2.61 m)
N. Transport	10 ft 10 in (3.30 m)	11 ft 1 in (3.37 m)
Ground clearance at backhoe frame	15 in (380 mm)	15 in (380 mm)
Angle of departure	15.3°	19°
Front wheel tread:		
11 L x 16	67.5 in (1.71 m)	67.5 in (1.71 m)
12 L x 16.5	67.7 in (1.72 m)	67.7 in (1.72 m)
Rear wheel tread:		
17.5 L x 24	63.1 in (1.60 m)	63.1 in (1.60 m)
19.5 L x 24	61.2 in (1.55 m)	61.2 in (1.55 m)
Width over tires:		
11 L x 16	79.3 in (2.01 m)	79.3 in (2.01 m)
12 L x 16.5	81.1 in (2.06 m)	81.1 in (2.06 m)
17.5 L x 24	81.7 in (2.07 m)	81.7 in (2.07 m)
19.5 L x 24	81.4 in (2.07 m)	81.4 in (2.07 m)
O. Wheelbase	84 in (2.13 m)	84.5 in (2.15 m)

CYLINDERS

	Bore Diameter	Rod Diameter	Stroke	Closed Length
Loader:				
Lift (2)	3.25 in (82.6 mm)	1.75 in (44.5 mm)	28.86 in (733 mm)	41.81 in (1062 mm)
Dump (2)	3.00 in (76.2 mm)	1.5 in (38.1 mm)	20.33 in (516.5 mm)	30.31 in (769.9 mm)
4 IN 1 [®] clam (2)	3.00 in (76.2 mm)	1.75 in (44.5 mm)	9.08 in (230.6 mm)	19.62 in (498.3 mm)
Backhoe:				
Boom	4.5 in (114.3 mm)	2.25 in (57.2 mm)	38.22 in (971.5 mm)	52.82 in (1341.6 mm)
Dipperstick	4.25 in (108 mm)	2.25 in (57.2 mm)	25.14 in (628.5 mm)	39.65 in (1007 mm)
Bucket	3.25 in (82.6 mm)	2.25 in (57.2 mm)	35.35 in (897.9 mm)	48.17 in (1223.6 mm)
Extendahoe [®]	3.00 in (76.2 mm)	1.75 in (44.5 mm)	42.05 in (1068 mm)	56.22 in (1428 mm)
Swing (2)	3.75 in (95.3 mm)	2.0 in (50.8 mm)	11.5 in (292 mm)	24.44 in (620.8 mm)
Stabilizer (2)	4.25 in (108 mm)	2.25 in (57.2 mm)	21.37 in (542.9 mm)	33.87 in (860.2 mm)

AXLE RATINGS

	Front – 2WD	Rear	Front – 4WD
Maximum static	70,821 lb (32 124 kg)	90,145 lb (40 889 kg)	64,613 lb (29 308 kg)
Dynamic operating	44,261 lb (20 076 kg)	56,200 lb (25 492 kg)	39,328 lb (17 839 kg)
Static operating	17,704 lb (8030 kg)	22,480 lb (10 197 kg)	15,732 lb (7136 kg)
Oscillation (front axle)	22° total – 11% side to side	–	22° total – 11% side to side

BACKHOE LIFT CAPACITIES

Boom Lift	Standard Backhoe	Extendahoe®	
	Backhoe Lift Capacity lb (kg)	Retracted Backhoe Lift Capacity lb (kg)	Extended Backhoe Lift Capacity lb (kg)
+16 ft (4.87 m)	—	—	1,693 (768)
+14 ft (4.27 m)	2,472 (1121)	2,271 (1030)	1,979 (897)
+12 ft (3.66 m)	2,857 (1296)	2,644 (1199)	2,124 (964)
+10 ft (3.05 m)	2,966 (1345)	2,748 (1246)	2,172 (985)
+8 ft (2.44 m)	2,983 (1353)	2,761 (1252)	2,169 (984)
+6 ft (1.83 m)	2,963 (1344)	2,739 (1242)	2,173 (985)
+4 ft (1.22 m)	2,929 (1329)	2,701 (1225)	2,165 (982)
+2 ft (0.61 m)	2,892 (1312)	2,662 (1207)	2,153 (977)
Ground Level	2,858 (1297)	2,625 (1191)	2,153 (977)
-2 ft (0.61 m)	2,834 (1285)	2,598 (1178)	2,145 (973)
-4 ft (1.22 m)	2,827 (1282)	2,588 (1174)	2,143 (972)
-6 ft (1.83 m)	2,853 (1294)	2,609 (1183)	2,154 (977)
-8 ft (2.44 m)	2,949 (1338)	2,698 (1224)	2,189 (993)
-10 ft (3.05 m)	3,319 (1506)	3,053 (1385)	2,270 (1030)
-12 ft (3.66 m)	—	—	2,429 (1102)
-14 ft (4.27 m)	—	—	3,115 (1413)
Dipper Lift:			
+14 ft (4.27 m)	—	—	3,154 (1431)
+12 ft (3.66 m)	4,343 (1970)	4,139 (1877)	2,981 (1352)
+10 ft (3.05 m)	4,027 (1827)	3,826 (1735)	2,823 (1281)
+8 ft (2.44 m)	4,112 (1865)	3,910 (1774)	2,855 (1295)
+6 ft (1.83 m)	4,563 (2070)	4,357 (1976)	3,010 (1365)
+4 ft (1.22 m)	5,398 (2449)	5,177 (2348)	2,948 (1337)
+2 ft (0.61 m)	—	—	3,486 (1581)

BACKHOE OPERATIONAL DATA

	Standard Backhoe	Extendahoe®	
		Retracted	Extended
Digging depth:			
Maximum	14 ft 10 in (4.5 m)	14 ft 9 in (4.5 m)	18 ft 3 in (5.55 m)
2 ft (610 mm) flat bottom	14 ft 8 in (4.46 m)	14 ft 8 in (4.46 m)	18 ft 1 in (5.52 m)
8 ft (2.44 m) flat bottom	13 ft 8 in (4.16 m)	13 ft 8 in (4.16 m)	17 ft 4 in (5.29 m)
Overall reach from:			
Rear axle centerline	21 ft 11 in (6.68 m)	21 ft 11 in (6.68 m)	25 ft 4 in (7.72 m)
Swing pivot	18 ft 4 in (5.57 m)	18 ft 4 in (5.57 m)	21 ft 8 in (6.6 m)
Loading height	11 ft 9 in (3.59 m)	11 ft 9 in (3.59 m)	14 ft 1 in (4.30 m)
Loading reach – dipper retracted	6 ft 9 in (2.04 m)	6 ft 9 in (2.04 m)	9 ft 4 in (2.84 m)
Swing arc	180°	180°	180°
Bucket rotation:			
Straight links	175.6°	175.6°	175.6°
Mechanical coupler	198°	198°	198°
Stabilizer spread – centers			
Flip pad	9 ft 5 in (2.87 m)	9 ft 5 in (2.87 m)	9 ft 5 in (2.87 m)
Cast Pad	9 ft 9 in (2.97 m)	9 ft 9 in (2.97 m)	9 ft 9 in (2.97 m)
Digging force:			
Bucket cylinder	11,334 lbf (50 414 N)	11,334 lbf (50 414 N)	11,334 lbf (50 414 N)
Dipper cylinder	6,710 lbf (29 484 N)	6,710 lbf (29 484 N)	4,887 lbf (21 738 N)
Leveling angle:			
Flip pad	12.8°	12.8°	12.8°
Cast pad	13.8°	13.8°	13.8°

STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

See page 2.

ENGINE

Case F5C diesel

Cooled EGR

Diesel Particulate Filter

Full flow engine oil filter

Air cleaner – replaceable dry type with radial seal

Aspirated air cleaner

Muffler, non spark arresting

Radiator with de-aeration bottle

Antifreeze to -34° F (-37° C)

Throttles, both hand and foot

Self adjusting belt tensioner

Glow plugs cold start

Inline fuel strainer

LOADER

See page 2.

BACKHOE

See page 2.

POWERTRAIN

Front axle, as selected:

2WD heavy-duty front axle w/ 11 L x 16 tires

4WD heavy-duty mechanically driven front axle w/ 12 L x 16.5 tires and drive shaft guard

Rear axle:

2/4WD heavy-duty outboard planetary drive w/ 17.5 L x 24 tires

4F-4R Power Shuttle Synchromesh transmission

Torque converter – 11.8 in (300 mm)

On-the-Go electric 4WD control

Electric F/R shuttle control

Electric Differential lock control w/ push button activation on the loader control lever

Park brake, spring applied, hydraulic release

HYDRAULICS

Pump 28.5 gal/min @ 3,000 lbf/in²
(107.9 L/min @ 207 bar)

Heavy-duty hydraulic oil cooler

7 micron, spin-on oil filter

OTHER

Forward tilt engine hood

Replaceable, molded front bumpers

Front/rear tie downs

Reflective logos

Lights – cab and canopy:

Rear tail/stop (2)

Front flashers/turn (2)

Rear flashers/turn (2)

Cab only:

2 front driving lights (55 W)

Adjustable halogen work lights (55 W):
2 front, 2 side (left & right), 4 rear

Canopy only:

2 front driving lights (55 W)

Adjustable halogen work lights (55 W):
2 side (left & right), 2 rear

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Auto Ride Control – 4WD models

Standard Ride Control – 2WD models

Comfort Steer with momentary latching switch, two speed steering pump and 3rd/4th gear cutout.

ROPS/FOPS certified protective cab w/ rear wipers and floor mat

Cab Convenience Package containing:

Pull-down sunvisor

Window washer, front and rear

Left-hand storage tray

Deluxe interior package

Tilt steering column

Sound Reduction Package for cab models:

levels reduced to 72 dB (A)

Right-hand threshold storage box

Viscous fan

Air-conditioning for cab models

Mechanical suspension seat with flip-up arm rests, 180° swivel, cloth or vinyl, adjustable seat and weight, backrest angle, lumbar and cushion angle

Air Ride suspension seat with flip-up arm rests, 180° swivel

Electric height adjustment, adjustable back rest and lumbar support – cab units cloth, canopy units vinyl

Pull-down sunvisor for canopy models

Radio, AM/FM Stereo/WB, MP3 aux input (cab models)

3 in (75 mm) seat belt for mechanical and air suspension seat

ENGINE

Cold Weather Starting Aid:
dual 12 Volt batteries

Block heater

LOADER

Auxiliary hydraulics for loader-mounted equipment with thumb-operated proportional control

Hydraulic front quick coupler

Bolt-on cutting edges

Loader linkage w/o loader bucket

Tool portfolio of additional attachments

Buckets (see page 2)

BACKHOE

Auxiliary hydraulics with flow from 0 to 36 gal/min (0 to 136 L/min)

Extendahoe

Two lever controls (backhoe or Extendahoe)

Pilot operated control system

Fingertip proportional Electro-Hydraulic stabilizer controls

Thumb-operated proportional Electro-

Hydraulic Extendahoe® control

Thumb-operated horn button

Thumb-operated auxiliary hydraulic control

Infinitely adjustable towers

In-cab switchable “excavator to backhoe” control pattern change

Flip-over stabilizer pads

Street/Cemetery Pads

Case mechanical quick coupler

Bucket retrofit kits

Buckets (see page 2)

POWERTRAIN

Powershift S-Type transmission, 4F-3R fully synchronized, electronic transmission controller & kick down in loader control lever (2WD or 4WD)

Heavy-duty outboard planetary drive w/ 19.5 L x 24 tires

HYDRAULICS

Auxiliary backhoe unidirectional hydraulics

Auxiliary backhoe bidirectional hydraulics:

Hand lever operated for manual controls

Button operated for pilot controls

OTHER

11 L x 16 10-ply, 12 L x 16.5 8-ply or 17.5 L x 24 10-ply front tires

19.5 L x 24 10-ply rear tires

Rotating beacon

Special paint

Canopy lights – Additional 2 front and 2 rear halogen lights (55 W)

Tool box – bolt on, step mounted

Lift hooks – export

Front counterweights:
700 lb and 1,100 lb (318 kg and 500 kg)

Master disconnect switch and remote jump start terminals

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

NOTE: All engines meet current EPA emissions requirements.

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

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