

F-SERIES WHEEL LOADERS

ENGINE

Make	FPT
Model	F2CFA614C, cursor 9
Cylinders	6
Displacement	531in ³ (8.7L)
Type	Turbocharged, air-to-air cooled
Fuel injection	Common Rail Multiple Injection
Emissions Certification	Tier II
Horsepower:	
Maximum Power Mode:	
Peak gross @ 1800 RPM	320hp (239kW)
Net rated @ 2100 RPM	261hp (195kW)
Peak net @ 1800 RPM	296hp (221kW)
Torque – peak:	
Maximum Power Mode:	
Gross @ 1100 RPM	1091 lb-ft (1479 N-m)
Net @ 1100 RPM	1063 lb-ft (1442 N-m)

NOTE: Gross horsepower and torque per SAE J1995.

DRIVETRAIN

4-Speed Powershift		
4F/3R Proportional w/ Electronic Control Module torque sensing autoshift /manual shift and modulation		
Travel speeds – 4 speed transmission		
	Forward	Reverse
	mph (km/h)	mph (km/h)
1st	4.8 (7.7)	4.8 (7.7)
2nd	7.8 (12.6)	7.8 (12.6)
3rd	11.7 (18.9)	16.5 (26.6)
4th	23.6 (38.0)	—

NOTE: Travel speeds at full engine throttle w/ 26.5 x 25 XHAT tires.

Rear axle total oscillation	24°
-----------------------------	-----

Heavy-duty axles – optional:
Front axle equipped w/ locking differential
Rear axle equipped w/ open differential

TIRES

Tires	26.5 x 25 20 Ply Bias 26.5 R 25 Radial
-------	-------------------------------------------

BRAKES

Service Brakes	
Hydraulically actuated, maintenance-free, multiple wet disc w/ accumulator to all four wheels	
Brake surface area (standard axle)	
Front hub	841in ² (.542m ²)/Hub
Rear hub	841in ² (.542m ²)/Hub
Parking brakes	
Spring-applied hydraulic release disc on transmission output shaft neutralizes power flow to wheels when engaged	
Brake Area of Parking Brake	12.6 in ² (81.6 cm ²)

HYDRAULICS

Pump	Tandem variable displacement piston pump
Variable displacement – load-sensing	50.2 gpm @ 2000 RPM (190 L/min @ 2000 RPM)
Loader control valve	Closed-center, 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
High pressure standby	
Implement	3650 psi (25165 kPa)
Steering	3495 psi (24097 kPa)
Reservoir	Filtered vent with relief on hydraulic reservoir maintains 3-5 psi (20-34 kPa) on reservoir. Full time 10 micron return filters furnish only clean oil to all components of the system.

SERVICE CAPACITIES

Fuel tank	121.3gal (459L)	
DEF tank – Diesel Exhaust Fluid		
Usable capacity	17.1 gal (64.7 L)	
Total	24 gal (90.8 L)	
Cooling system	15gal (56.8L)	
Engine		
Crankcase and Filter	28 quarts (26.5L)	
Hydraulic system:		
Reservoir	35.4gal (134L)	
Total	66gal (250L)	
Front and rear axle (standard):		
	Front	Rear
Total/Axle w/o Cooler	44.4quarts (42L)	44.4quarts (42L)
Total/Axle w Cooler	48.3quarts (45.7L)	48.3quarts (45.7L)
Transmission	48 quarts (45.4L)	
initial capacity		

CAB PROTECTION

Protection against	
falling objects (FOPS)	ISO 3449
Protection against roll over (ROPS)	ISO 3471

NOISE

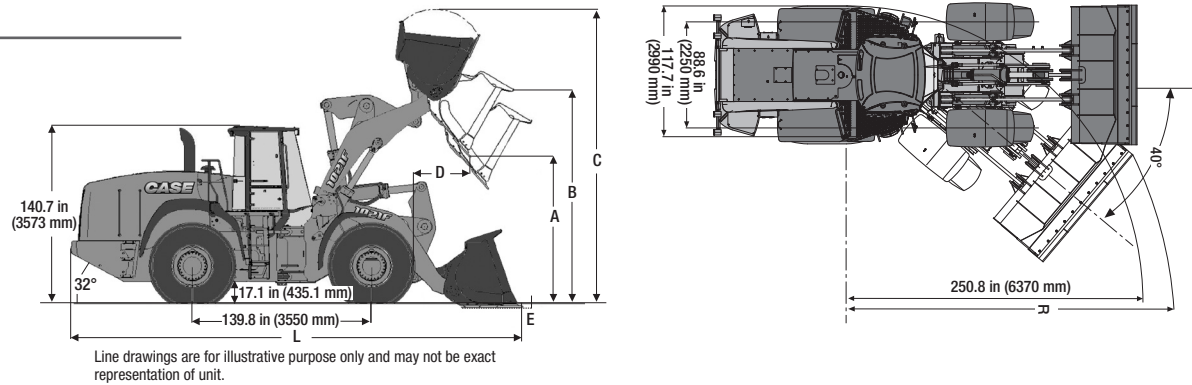
Sound Level (Standard Sound Package - ISO 6395, 6396, 3744)	
	Cab Closed
Interior LpA (dB)	71.0
Exterior LwA (dB)	105.75

ELECTRICAL SYSTEM

Electrical System	24 Volts
Batteries	(2) 12 Volt
Alternator	95 Amp 36 SI Remy

SPECIFICATIONS

1021F general dimensions



1021F	Z-BAR bucket				XR bucket			
	5.75 yd ³		5.5yd ³		5.75 yd ³		5.5yd ³	
	edge	teeth	edge	teeth	edge	teeth	edge	teeth
Volume, heaped (SAE)	5.75 yd ³ (4.40 m ³)	5.53 yd ³ (4.23 m ³)	5.49 yd ³ (4.20 m ³)	5.31 yd ³ (4.06 m ³)	5.75 yd ³ (4.40 m ³)	5.53 yd ³ (4.23m ³)	5.49 yd ³ (4.20 m ³)	5.31 yd ³ (4.06 m ³)
Volume at 110% fill factor	6.33 yd ³ (4.84 m ³)	6.08 yd ³ (4.65 m ³)	6.04 yd ³ (4.62 m ³)	5.83 yd ³ (4.46 m ³)	6.33 yd ³ (4.84 m ³)	6.08 yd ³ (4.65m ³)	6.08 yd ³ (4.65 m ³)	5.83 yd ³ (4.46 m ³)
Operating Load (SAE)	17286 lb (7841 kg)	17657 lb (8009 kg)	17500 lb (7938 kg)	17639 lb (8001 kg)	14583 lb (6615 kg)	14914 lb (6765 kg)	14831 lb (6727 kg)	14942 lb (6778 kg)
Maximum material density (SAE)	3004 lb/yd ³ (1782 kg/m ³)	3191 lb/yd ³ (1894 kg/m ³)	3186 lb/yd ³ (1890 kg/m ³)	3322 lb/yd ³ (1971 kg/m ³)	2534 lb/yd ³ (1504 kg/m ³)	2696 lb/yd ³ (1600 kg/m ³)	2700 lb/yd ³ (1602 kg/m ³)	2814 lb/yd ³ (1670 kg/m ³)
Bucket outside width	117.3 in (2980 mm)	117.3 in (2980 mm)	125.8 in (3195 mm)	125.8 in (3195 mm)	117.3 in (2980 mm)	117.3 in (2980 mm)	125.8 in (3195 mm)	125.8 in (3195 mm)
Bucket weight	5467 lb (2480 kg)	5117 lb (2321 kg)	5040 lb (2286 kg)	5000 lb (2268 kg)	5467 lb (2480 kg)	5.117 lb (2321 kg)	5040 lb (2286 kg)	5000 lb (2286 kg)
Tipping load - straight (SAE)	41572 lb (18857 kg)	42370 lb (19219 kg)	41989 lb (19046 kg)	42313 lb (19193 kg)	35149 lb (15943 kg)	35862 lb (16267 kg)	35666 lb (16178 kg)	35930 lb (16298 kg)
Tipping Load @40° Turn (SAE)	34572 lb (15682 kg)	35315 lb (16018 kg)	35001 lb (15876 kg)	35278 lb (16002 kg)	29165 lb (13229 kg)	29829 lb (13530 kg)	29662 lb (13454 kg)	29885 lb (13556 kg)
Breakout force	42090 lb (19092 kg)	46216 lb (20963 kg)	45097 lb (20456 kg)	48329 lb (21922 kg)	42508 lb (19282 kg)	46672 lb (21170 kg)	45550 lb (20661 kg)	48814 lb (22142 kg)
Lift capacity @ ground	50706 lb (23000 kg)	51763 lb (23479 kg)	51617 lb (23413 kg)	52160 lb (23659 kg)	40779 lb (18497 kg)	41641 lb (18888 kg)	41574 lb (18858 kg)	41964 lb (19034 kg)
A. Dump height @ 45° at full height	118.9 in (3019 mm)	115.0 in (2920 mm)	121.1 in (3075 mm)	116.5 in (2959 mm)	141.7 in (3600 mm)	137.9 in (3502 mm)	144.0 in (3657 mm)	139.4 in (3541 mm)
B. Hinge p in height	167.0 in (4243 mm)	167.1 in (4243 mm)	167.1 in (4243 mm)	167.1 in (4243 mm)	189.9 in (4824 mm)	190.0 in (4825 mm)	190.0 in (4825 mm)	190.0 in (4825 mm)
C. Overall height	233.9 in (5942 mm)	233.9 in (5942 mm)	228.4 in (5800 mm)	228.4 in (5800 mm)	256.8 in (6523 mm)	256.8 in (6524 mm)	251.3 in (6382 mm)	251.3 in (6382 mm)
D. Bucket reach @ full height	52.5 in (1332 mm)	57.1 in (1450 mm)	49.8 in (1265 mm)	55.3 in (1404 mm)	52.9 in (1345 mm)	57.6 in (1462 mm)	50.3 in (1278 mm)	55.8 in (1416 mm)
E. Dig depth	5.0 in (127 mm)	5.0 in (127 mm)	5.0 in (127 mm)	5.0 in (127 mm)	5.0 in (127 mm)	5.0 in (127 mm)	5.0 in (127 mm)	5.0 in (127 mm)
L. Overall length with bucket on the ground	353.5 in (8979 mm)	359.6 in (9133 mm)	350.1 in (8892 mm)	357.2 in (9073 mm)	373.9 in (9498 mm)	380.0 in (9651 mm)	370.5 in (9410 mm)	377.6 in (9591 mm)
Overall length without bucket	272 in (6910 mm)	272 in (6910 mm)	272 in (6910 mm)	272 in (6910 mm)	290.1 in (7370 mm)	290.1 in (7370 mm)	290.1 in (7370 mm)	291.3 in (7400 mm)
R. Turning radius to front corner of the bucket	275.6 in (7000 mm)	279.5 in (7100 mm)	279.5 in (7100 mm)	279.5 in (7100 mm)	287.4 in (7300 mm)	287.4 in (7300 mm)	287.4 in (7300 mm)	291.3 in (7400 mm)
Bucket rollback @ carry position	49°	49°	49°	49°	48°	48°	48°	48°
Dump angle @ full height	53°	53°	53°	53°	50°	50°	50°	50°
Machine operating weight with XHA2 (L3) Tyres	54219 lb (24593 kg)	53868 lb (24434 kg)	53791 lb (24399 kg)	53751 lb (24381 kg)	57061 lb (25882 kg)	56710 lb (25723 kg)	56633 lb (25688 kg)	56593 lb (25670 kg)
Machine operating weight with VSDL (L5) Tyres	56872 lb (25797 kg)	56522 lb (25638 kg)	56444 lb (25603 kg)	56405 lb (25585 kg)	59714 lb (27086 kg)	59363 lb (26927 kg)	59286 lb (26892 kg)	59247 lb (26874 kg)



CASE Corporation reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold. The specifications, descriptions, and illustrative materials contained here reflect correctly the data known up to the publication date, but are subject to changes with no previous notice. The illustrations may include optional equipment and accessories and may not include all standard equipment.

CCE-10F-I01 – 05/2016 – Printed in Brazil

CaseCE.com

Sales Office

Garín – Buenos Aires
Rep. Argentina
Calle 28, 920
Panamericana Km 38,5
Tel.: +54 3327-4461000

Weston Florida – USA
3.265 Meridian Pkwy,
Suite 124
C.P. 33331-3505
Tel.: +19 5465-92414

Manufacturing plants

Contagem – Minas Gerais – Brasil
Av. General David Sarnoff, 2.237
Inconfidentes – C.P. 32210-900
Tel.: +55 31 2104-3392

Sorocaba – São Paulo – Brasil
Av. Jerome Case, 1.801
Éden – C.P. 18087-220
Tel.: +55 15 3334-1700



COMMUNICATIONS LATIN AMERICA ©