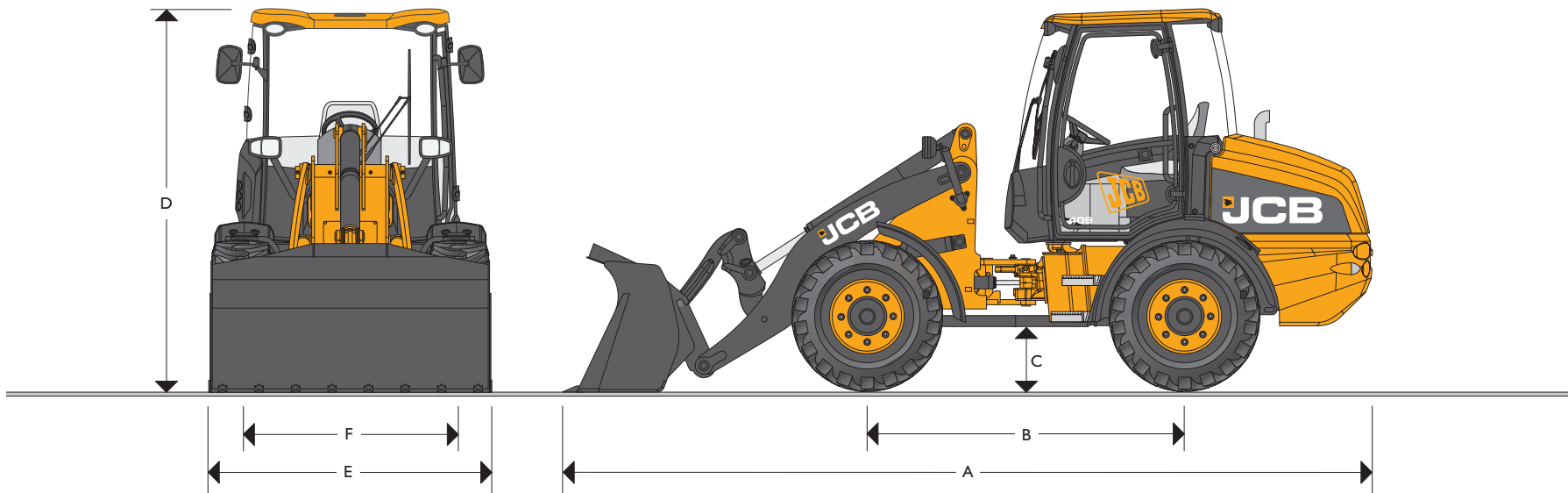


MAX ENGINE POWER: 75 hp (56 kW) MAX OPERATING WEIGHT: 13,060 lb (5,924 kg) MAX LOADER CAPACITY: 2.0 yd³ (1.6 m³)



STATIC DIMENSIONS

A Overall Length with Standard Bucket	ft-in (mm)	17-11 (5465)	Front Axle Weight*	lb (kg)	4343 (1970)
B Wheel Base	ft-in (mm)	7-2 (2205)	Rear Axle Weight*	lb (kg)	8487 (3850)
C Min Ground Clearance	ft-in (mm)	1-6 (472)	Operating Weight (includes standard bucket)	lb (kg)	12,831 (5820)
D Height Over Cab	ft-in (mm)	8-8 (2643)	Inside Radius	ft-in (mm)	6-9 (2079)
E Max Bucket Width	ft-in (mm)	6-4 (1950)	Maximum Radius Over Standard Bucket	ft-in (mm)	14-6 (4432)
F Wheel Track	ft-in (mm)	4-10 (1490)	Maximum Radius Over Tires	ft-in (mm)	13-0 (3979)
			Articulation Angle	degrees	±40°
			Max Width Across Tires	ft-in (mm)	6-2 (1900)

Note: Dimensions assume fitment of standard Goodyear I 6.0/70-20 SGL wheel and tires. *Axle weights based on unloaded bucket in carry position.

ENGINE

Type	4 Cylinder Diesel	
Make	Deutz	
Model	TD2011 L04i	
Capacity	in ³ (l)	220.9 (3.62)
Bore	in (mm)	3.8 (96)
Stroke	in (mm)	5.0 (125)
Aspiration	Turbocharged	
Cylinders	4	
Power Rating		
Gross Power to SAE J1995/ISO 14396	hp (kW) @ 2500 rpm	75 (56)
Nett Power to J1349/EEC 80/1269	hp (kW) @ 2500 rpm	72 (53)
Torque Rating		
Gross Torque	lbf ft (Nm) @ 1700 rpm	184 (250)
Emission Certification	EPA T3 (EU Stg 3)	

TRANSMISSION

Type	Hydrostatic	
Make	Rexroth	
Model	A6VM	
Low Range	mph (km/h)	3.8 (6)
High Range	mph (km/h)	12.4 (20)
High Speed (optional)	mph (km/h)	24.9 (40)

AXLES

Type	Straight Beam	
Make	Dana Spicer	
Model	111	
Overall Axle Ratio / Drop Box Ratio	19.30 / 2.10	
Chassis Angle Oscillation	degrees	± 10°

LOADER HYDRAULICS

Pump Type	Gear	
Pump Max Flow	gal/min (l/min)	20.6 (78)
Pump Max Pressure	lb/in ² (bar)	3625 (250)
Hydraulic Cycle Times at Full Engine Revs:		
Arms Raise (full bucket)	Seconds	
	4.9	
Bucket Dump (full bucket)	4.1	
Arms Lower (empty bucket)	3.0	
Total Cycle	12.0	

SERVICE FILL CAPACITIES

	gal (l)
Hydraulic and Transmission System	18.5 (70)
Fuel Tank	21.1 (80)
Engine Oil Sump	3.2 (12)
Axle Oil (front) Including Hubs	1.2 (4.4)
Axle Oil (rear) Including Hubs and Drop Box	1.6 (6.05)

ELECTRICAL SYSTEM

System Voltage	V	12
Alternator Output	Ah	80
Battery Capacity	Ah	105

STANDARD EQUIPMENT

Loader: Single lever servo joystick control; parallel lift geometry.

Engine: 4 cylinder turbocharged oil cooled diesel engine; dual stage cyclonic engine air filter; single bowl fuel filter; fan guards.

Transmission: Two position electric switch; neutral start; disconnect on footbrake (inching capability); forward/reverse switch on joystick control lever.

Axles: Straight beam axles.

Brakes: In board oil immersed brakes with combined handbrake; spring actuated hydraulic released park brake.

Electrical: Road lights front and rear; reverse lights; 80 amp alternator; battery isolator switch.

Hydraulics: Gear pump with priority steer; emergency steer back up; 3 spool loader circuit.

Cab: ROPS/FOPS safety structure; fully adjustable seat; interior light; adjustable steering column; safety glass; electronic monitoring with warning panel; front and rear screen wash/wipe; 3 speed heater fan with replaceable filters; optional analogue gauges; LH opening door; radio aperture (high spec cab only); single lever joystick control; laminated screen; loader control isolator; door lock back system; storage tray; sun visor.

Bodywork: Front and rear fenders; side and rear access panels; fixed bottom steps; full width rear counterweight; recovery hitch; lifting lugs; engine sump kit.

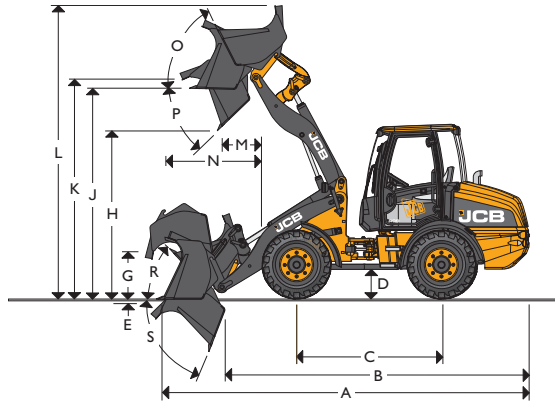
OPTIONAL EQUIPMENT

Limited slip differential axles front/rear; HBCV; smooth ride system; air suspension seat; creep speed; 4th spool auxiliary circuit; high spec cab; front and rear working lights; fire extinguisher; face level fan; radio installation kit; reverse alarm; rotating beacon; adjustable steering column; reversing lights and rear fog lights; sun visor; biodegradable oil; sliding window; electrical quickhitch isolation; auxiliary ARV kit; captive strut; document box; battery isolator; additional fuel and water filter; quickhitch protection plate; hydraulic fill cap locking; cab guards.

TIRES

335/80 R20 Dunlop SPT9; 365/80 R20 Dunlop SPT9; 405/70 R20 Dunlop SPT9, 405/70 R18 Dunlop SPT9; 400/70 R20 Goodyear IT520; 420/75 R20 Goodyear IT520; 12.5 20 Goodyear MPT; 16.0/70-20 Goodyear SGL; 12.00R20 Michelin XMINE; 375/75 R20 Michelin XMCL; 400/70 R20 Michelin XMCL; 375/75 R20 Michelin X2SL; 405/70 R20 Michelin X2SL

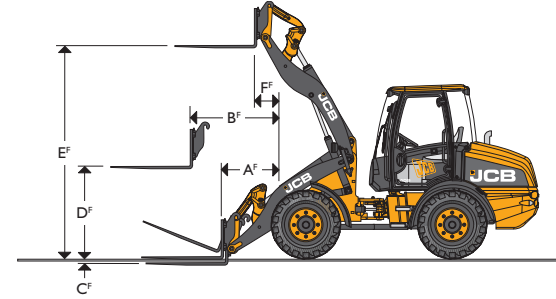
LOADER DIMENSIONS



LOADER DIMENSIONS

Bucket		General Purpose	General Purpose	Light Duty	Light Duty	6-in-1 Clam Shovel
Capacity Heaped	yd ³ (m ³)	1.3 (1.0)	1.6 (1.2)	1.8 (1.4)	2.03 (1.6)	1.2 (0.9)
Material Density	lb/yd ³ (kg/m ³)	3287 (1957)	2691 (1602)	2261 (1346)	1943 (1157)	3511 (2090)
Empty Bucket Weight	lb (kg)	732 (332)	789 (358)	880 (399)	957 (434)	961 (436)
Bucket Equipment		Teeth or Toeplate	Teeth or Toeplate	Toeplate	Toeplate	Teeth or Toeplate
Static Tipping Load, Straight (EN)	lb (kg)	10,840 (4917)	10,650 (4831)	10,441 (4736)	10,258 (4653)	9058 (4109)
Static Tipping Load, Full Turn 40° (ISO)	lb (kg)	8628 (3914)	8476 (3845)	8309 (3769)	8163 (3703)	8293 (3762)
Payload 50%	lb (kg)	4314 (1957)	4237 (1922)	4153 (1884)	4080 (1851)	4146 (1881)
Max Tearout Force	lbf (kN)	12,095 (53.8)	10,476 (46.6)	9689 (43.1)	9352 (41.6)	11,420 (50.8)
Bucket Width	ft-in (mm)	6-4 (1950)	6-4 (1950)	6-4 (1950)	6-4 (1950)	6-4 (1950)
Outside Turning Circle Radius	ft-in (mm)	14-6 (4432)	14-7 (4460)	14-10 (4545)	15-1 (4610)	14-6 (4440)
A Total Length (bucket flat on ground)	ft-in (mm)	18-3 (5575)	18-5 (5628)	18-6 (5651)	18-9 (5726)	18-4 (5597)
L Lift Height Max	ft-in (mm)	14-6 (4427)	14-10 (4526)	15-0 (4576)	15-2 (4628)	14-1 (4315)
E Digging Depth	ft-in (mm)	0-2 (60)	0-2 (60)	0-2 (60)	0-2 (60)	0-2 (60)
H Dump Height	ft-in (mm)	8-7 (2619)	8-4 (2552)	8-2 (2500)	8-1 (2446)	14-1 (2609)
M Reach at Max Height @ 45° Dump	ft-in (mm)	1-8 (523)	1-11 (599)	2-1 (652)	2-3 (705)	1-8 (523)
N Max Reach @ 45° Dump	ft-in (mm)	4-11 (1502)	5-1 (1569)	5-3 (1622)	5-5 (1675)	5-0 (1538)
Operating Weight	lb (kg)	12,830 (5820)	12,888 (5846)	12,978 (5887)	13,055 (5922)	13,060 (5924)

PALLET FORK DIMENSIONS



PALLET FORK DIMENSIONS

Loader Dimensions: Assumes Fitment of 16.0/7-20 Tires.

		ft-in (mm)
Fork Carriage Width		4-5 (1345)
Length of Tines		3-11 (1200)
A ^F Reach at Ground Level		2-4 (724)
B ^F Max Reach Arms Horizontal		3-10 (1187)
C ^F Below Ground Level		0-0 ⁷ / ₁₀ (17)
D ^F Height Arms Horizontal		4-7 (1396)
E ^F Max Height		10-7 (3231)
F ^F Reach at Max Height		0-8 (231)
Full Turn Tipping Load (500 mm load centers)	lb (kg)	6876 (3119)
Operating Load (60%)	lb (kg)	4124 (1871)
Operating Load (80%)	lb (kg)	5500 (2495)

LOADER DIMENSIONS

B Length to Loader Pin	ft-in (mm)	15-1 (46,602)
C Wheelbase	ft-in (mm)	7-2 (2205)
D Minimum Ground Clearance	ft-in (mm)	1-6 (472)
F Height Over Cab	ft-in (mm)	8-8 (2643)
G Dump Height at Maximum Reach	ft-in (mm)	2-6 (783)
J Load Over Height	ft-in (mm)	10-5 (3189)
K Hinge Pin Height	ft-in (mm)	11-0 (3371)
O Roll Back at Full Height	degrees	63.6°
P Dump at Full Height	degrees	45°
R Rollback at Carry	degrees	53.1°
S Dump at Minimum Height	degrees	68.3°

A GLOBAL COMMITMENT TO QUALITY

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By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the world.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with an extensive dealer sales and service network in over 150 countries, we aim to deliver the best customer support in the industry.

Through setting the standards by which others are judged, JCB has become one of the world's most impressive success stories.



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