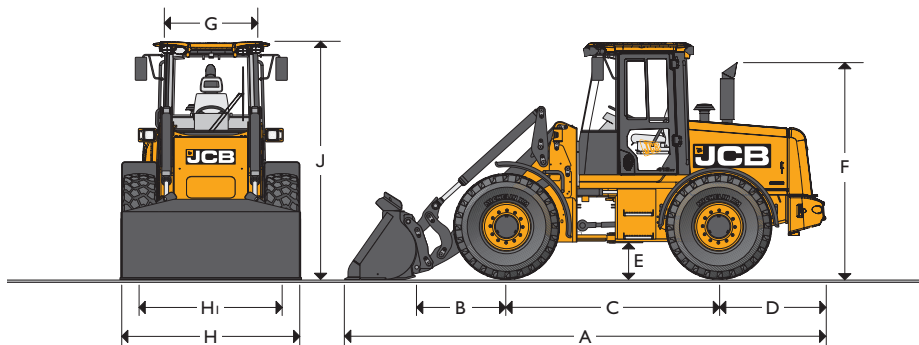


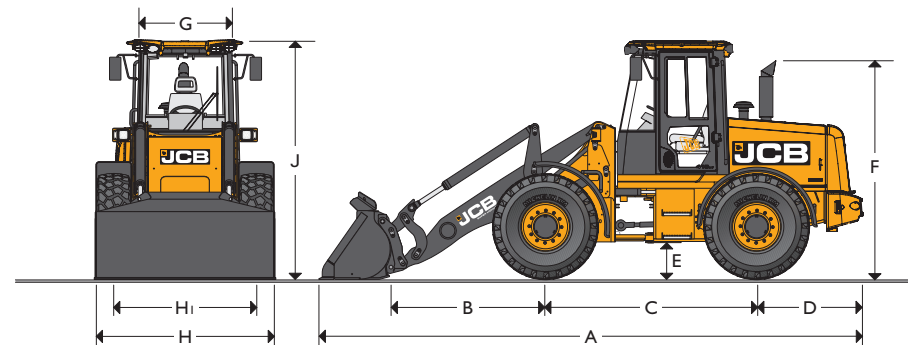


MAX ENGINE POWER: 130 hp (97 kW)    MAX OPERATING WEIGHT: 21,341 lb (9,680 kg)    MAX LOADER CAPACITY: 2.2 yd<sup>3</sup> (1.7 m<sup>3</sup>)

#### STATIC DIMENSIONS – Standard Height Arm



#### STATIC DIMENSIONS – Super High Lift Arm



#### STATIC DIMENSIONS – Standard Height Arm

		ft-in (mm)
A	Overall Length	20-0 (6090)
B	Axle to Pivot Pin	3-10 (1180)
C	Wheel Base	9-2 (2800)
D	Axle to Counterweight Face	4-4 (1322)
E	Minimum Ground Clearance	1-6 (448)
F	Height Over Exhaust	9-9 (2970)
G	Width Over Cab	4-4 (1310)
H	Width Over Tires	7-8 (2330)
H <sub>i</sub>	Wheel Track	6-2 (1880)
J	Height Over Cab	10-4 (3152)
	Pin Height (maximum)	11-11 (3633)
	Overall Operating Height	15-3 (4567)
	Front Axle Weight	lb (kg) 9394 (4261)
	Rear Axle Weight	lb (kg) 11,429 (5184)
	Total Weight	lb (kg) 20,822 (9445)
	Inside Radius	8-10 (2681)
	Maximum Radius	17-9 (5410)
	Articulation Angle	± 40°

Data based on machine equipped with a 1.8 yd<sup>3</sup>, direct mounted bucket with bolt on toeplates and Michelin 17.5R25 XHA (L3) tires

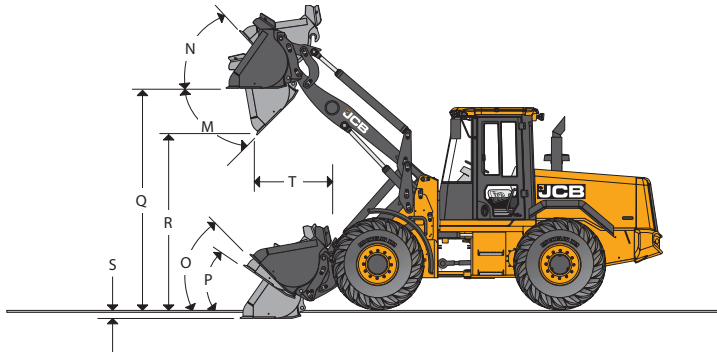
#### STATIC DIMENSIONS – Super High Lift Arm

		ft-in (mm)
A	Overall Length	23-1 (7038)
B	Axle to Pivot Pin	7-0 (2143)
C	Wheel Base	9-2 (2800)
D	Axle to Counterweight Face	4-4 (1322)
E	Minimum Ground Clearance	1-6 (448)
F	Height Over Exhaust	9-9 (2970)
G	Width Over Cab	4-4 (1310)
H	Width Over Tires	7-8 (2330)
H <sub>i</sub>	Wheel Track	6-2 (1880)
J	Height Over Cab	10-4 (3152)
	Pin Height (maximum)	14-8 (4482)
	Overall Operating Height	18-7 (5652)
	Front Axle Weight	lb (kg) 10,324 (4683)
	Rear Axle Weight	lb (kg) 11,160 (5062)
	Total Weight	lb (kg) 21,484 (9745)
	Inside Radius	8-10 (2681)
	Maximum Radius	18-11 (5772)
	Articulation Angle	± 40°

Data based on machine equipped with a 1.8 yd<sup>3</sup>, direct mounted bucket with bolt on toeplates and Michelin 17.5R25 XHA (L3) tires



## LOADER DIMENSIONS – Standard Height Arm



## CHANGES TO OPERATING PERFORMANCE AND DIMENSIONS

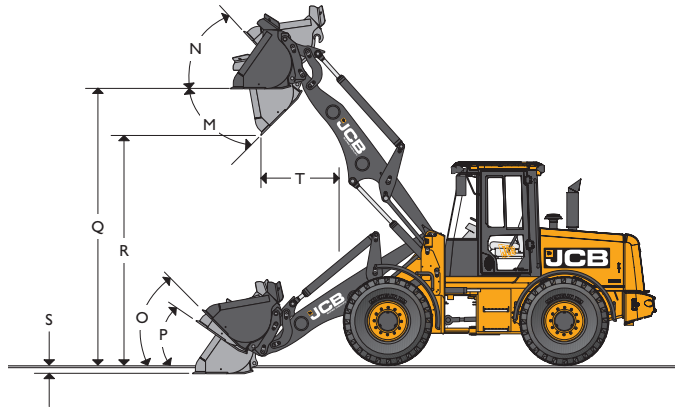
Tire Size	Manufacturer	Type	Rating	Op Weight lb (kg)	Tipping loads		Dimensions	
					Straight lb (kg)	Full Turn lb (kg)	Vertical in (mm)	Width in (mm)
17.5 - 25 (crossply)	Firestone		L2	-326 (-148)	-201 (-91)	-194 (-88)	-0.433 (-11)	+0.394 (+10)
17.5 - 25 (crossply)	Goodyear		L2	-370 (-168)	-227 (-103)	-221 (-100)	-0.433 (-11)	+0.394 (+10)
17.5 R 25 (radial)	Goodyear	GP - 2B	L2	0	0	0	-0.433 (-11)	0
17.5 R 25 (radial)	Goodyear	RL - 2 +	L2	+203 (+92)	+123 (+56)	+121 (+55)	-0.433 (-11)	0
17.5 R 25 (radial)	Michelin	XTLA	L2	-203 (-92)	-123 (-56)	-121 (-55)	-0.433 (-11)	+0.394 (+10)
17.5 R 25 (radial)	Michelin	XMINED2	L5	+723 (+328)	+443 (+201)	+430 (+195)	+1.969 (+50)	+0.906 (+23)

Assumes the machine is fitted with 1.8 yd<sup>3</sup> bucket with toeplates and Michelin 17.5R25 XHA (L3) tires.

Bucket Mounting	Direct	Direct	Direct	Direct	Quickhitch	Quickhitch	Quickhitch	Quickhitch
Bucket Type	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose
Bucket Equipment	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate
Bucket Capacity (SAE heaped)	yd <sup>3</sup> (m <sup>3</sup> )	1.8 (1.4)	2.1 (1.6)	1.8 (1.4)	2.2 (1.7)	1.8 (1.4)	2.1 (1.6)	2.2 (1.7)
Bucket Capacity (struck)	yd <sup>3</sup> (m <sup>3</sup> )	1.542 (1.180)	1.780 (1.362)	1.542 (1.180)	1.780 (1.362)	1.542 (1.180)	1.780 (1.362)	1.780 (1.362)
Bucket Width	ft-in (mm)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)
Bucket Weight	lb (kg)	1448 (658)	1536 (698)	1496 (680)	1584 (720)	1415 (643)	1503 (683)	1551 (705)
Maximum Material Density	lb/yd <sup>3</sup> (kg/m <sup>3</sup> )	3857 (2249)	3266 (1944)	3857 (2249)	3117 (1829)	3695 (2154)	3126 (1861)	3695 (2154)
Tipping Load Straight	lb (kg)	16,472 (7472)	16,285 (7387)	16,472 (7472)	16,285 (7387)	15,841 (7186)	15,657 (7102)	15,841 (7186)
Tipping Load Full Turn	lb (kg)	13,888 (6299)	13,719 (6223)	13,888 (6299)	13,719 (6223)	13,301 (6033)	13,130 (5956)	13,301 (6033)
Payload	lb (kg)	6944 (3150)	6859 (3111)	6944 (3150)	6859 (3111)	6651 (3017)	6565 (2978)	6651 (3017)
Maximum Break Out Force	lbf (kN)	22,570 (100.4)	20,749 (92.3)	22,570 (100.4)	20,749 (92.3)	20,839 (92.7)	19,243 (85.6)	20,839 (92.7)
M Dump Angle Maximum	degrees	50°	50°	50°	50°	50°	50°	50°
N Roll Back Angle at Full Height	degrees	43°	43°	43°	43°	43°	43°	43°
O Roll Back at Carry	degrees	47°	47°	47°	47°	47°	47°	47°
P Roll Back at Ground Level	degrees	41.5°	41.5°	41.5°	41.5°	41.5°	41.5°	41.5°
Q Load Over Height	ft-in (mm)	11-2 (3404)	11-2 (3404)	11-2 (3404)	11-2 (3404)	11-3 (3421)	11-3 (3421)	11-3 (3421)
R Dump Height (45° dump)	ft-in (mm)	8-7 (2606)	8-5 (2556)	8-11 (2728)	8-9 (2678)	8-5 (2572)	8-3 (2552)	8-10 (2694)
S Dig Depth	ft-in (mm)	0-3 (83)	0-3 (83)	0-3 (75)	0-3 (75)	0-3 (66)	0-3 (66)	0-2 (58)
T Reach at Dump Height	ft-in (mm)	3-5 (1050)	3-7 (1095)	3-1 (940)	3-3 (985)	3-7 (1105)	3-9 (1150)	3-3 (995)
Reach Maximum (45° dump)	ft-in (mm)	5-1 (1559)	5-4 (1629)	4-9 (1449)	5-0 (1519)	5-4 (1624)	5-7 (1694)	5-0 (1514)
Operating Weight (includes 176 lb operator and full fuel tank)	lb (kg)	20,774 (9423)	20,862 (9463)	20,823 (9445)	20,911 (9485)	21,204 (9618)	21,292 (9658)	21,253 (9640)



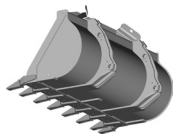
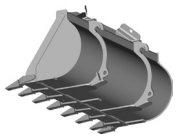
## LOADER DIMENSIONS – Super High Lift Arm



## CHANGES TO OPERATING PERFORMANCE AND DIMENSIONS SUPER HIGH LIFT ARM

Tire Size	Manufacturer	Type	Rating	Op Weight lb (kg)	Tipping Loads		Dimensions	
					Straight lb (kg)	Full Turn lb (kg)	Vertical in (mm)	Width in (mm)
17.5 - 25 (crossply)	Firestone		L2	-326 (-148)	-161 (-73)	-137 (-62)	-0.433 (-11)	+0.394 (+10)
17.5 - 25 (crossply)	Goodyear		L3	-370 (-168)	-183 (-83)	-157 (-71)	-0.433 (-11)	+0.394 (+10)
17.5 R 25 (radial)	Goodyear	GP - 2B	L2	0	0	0	-0.433 (-11)	0
17.5 R 25 (radial)	Goodyear	RL - 2 +	L2	+203 (+92)	+99 (+45)	+86 (+39)	-0.433 (-11)	0
17.5 R 25 (radial)	Michelin	XTLA	L2	-203 (-92)	-99 (-45)	-86 (-39)	-0.433 (-11)	+0.394 (+10)
17.5 R 25 (radial)	Michelin	XMINED2	L5	+723 (+328)	+355 (+161)	+304 (+138)	+1.969 (+50)	+0.906 (+23)

Assumes the machine is fitted with 1.8 yd<sup>3</sup> bucket with toeplates and Michelin 17.5R25 XHA (L3) tires.

								
Bucket Mounting	Direct	Direct	Direct	Direct	Quickhitch	Quickhitch	Quickhitch	Quickhitch
Bucket Type	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose
Bucket Equipment	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate
Bucket Capacity (SAE heaped)	yd <sup>3</sup> (m <sup>3</sup> ) 1.8 (1.4)	2.1 (1.6)	1.8 (1.4)	2.2 (1.7)	1.8 (1.4)	2.1 (1.6)	1.8 (1.4)	2.2 (1.7)
Bucket Capacity (struck)	yd <sup>3</sup> (m <sup>3</sup> ) 1.542 (1.180)	1.780 (1.362)	1.542 (1.180)	1.780 (1.362)	1.542 (1.180)	1.780 (1.362)	1.542 (1.180)	1.780 (1.362)
Bucket Width	ft-in (mm) 7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)	7-10 (2400)
Bucket Weight	lb (kg) 1448 (658)	1536 (698)	1496 (680)	1584 (720)	1415 (643)	1503 (683)	1463 (665)	1551 (705)
Maximum Material Density	lb/yd <sup>3</sup> (kg/m <sup>3</sup> ) 2673 (1560)	2262 (1346)	2673 (1560)	2262 (1268)	2535 (1478)	2147 (1278)	2535 (1478)	2049 (1203)
Tipping Load Straight	lb (kg) 11,371 (5158)	11,241 (5099)	11,371 (5158)	11,241 (5099)	10,844 (4919)	10,724 (4865)	10,844 (4919)	10,724 (4865)
Tipping Load Full Turn	lb (kg) 9627 (4367)	9505 (4311)	9627 (4367)	9505 (4311)	9129 (4141)	9017 (4090)	9129 (4141)	9017 (4090)
Payload	lb (kg) 4813 (2183)	4752 (2156)	4813 (2183)	4752 (2156)	4564 (2070)	4509 (2045)	4564 (2070)	4509 (2045)
Maximum Break Out Force	lbf (kN) 22,794 (101.4)	21,289 (94.7)	22,794 (101.4)	21,289 (94.7)	21,378 (95.1)	19,243 (85.6)	21,378 (95.1)	19,243 (85.6)
M Dump Angle Maximum	degrees 45°	45°	45°	45°	45°	45°	45°	45°
N Roll Back Angle at Full Height	degrees 47°	47°	47°	47°	47°	47°	47°	47°
O Roll Back at Carry	degrees 57.5°	57.5°	57.5°	57.5°	57.5°	57.5°	57.5°	57.5°
P Roll Back at Ground Level	degrees 48.5°	48.5°	48.5°	48.5°	48.5°	48.5°	48.5°	48.5°
Q Load Over Height	ft-in (mm) 14-0 (4257)	14-0 (4257)	14-0 (4257)	14-0 (4257)	14-0 (4257)	14-0 (4274)	14-0 (4274)	14-0 (4274)
R Dump Height (45° dump)	ft-in (mm) 11-4 (3454)	11-2 (3404)	11-9 (3576)	11-7 (3526)	11-3 (3420)	11-2 (3400)	11-7 (3542)	11-5 (3492)
S Dig Depth	ft-in (mm) 0-5 (124)	0-5 (124)	0-5 (116)	0-5 (116)	0-4 (107)	0-4 (107)	0-4 (99)	0-4 (99)
T Reach at Dump Height	ft-in (mm) 3-11 (1195)	4-1 (1240)	3-7 (1085)	3-8 (1130)	4-1 (1250)	4-3 (1295)	3-9 (1140)	3-11 (1185)
Reach Maximum (45° dump)	ft-in (mm) 7-11 (2415)	8-2 (2485)	7-7 (2305)	7-10 (2375)	8-2 (2480)	8-4 (2550)	7-9 (2370)	8-0 (2440)
Operating Weight (includes 176 lb operator and full fuel tank)	lb (kg) 21,436 (9723)	21,524 (9763)	21,484 (9745)	21,572 (9785)	21,865 (9918)	21,954 (9958)	21,914 (9940)	22,002 (9980)



## LOADER

Widely spaced four ram geometry provides the combination of excellent visibility with high bucket torque characteristics throughout the working arc. The pin, bush and sealing design on all pivot points provide extended maintenance intervals.

## ENGINE

4-cylinder wastegated turbo-charged, liquid cooled, direct injection common rail diesel. Air-to-air charge-air cooling ensure low emissions and "clean-burn" combustion chamber provides minimum fuel consumption. A remote sump oil drain facility simplifies servicing.

Type	Diesel 4 Stroke	
Make	JCB Dieselmex Tier III	
Capacity	in <sup>3</sup> (l)	269 (4.4)
Bore	in (mm)	4.06 (103)
Stroke	in (mm)	5.2 (132)
Aspiration	Turbocharged Aftercooled	
Cylinders	4	
Max Gross Power to SAE J1995/ISO 14396	hp (kW) @ 2200 rpm	130 (97)
Rated Gross Power to SAE J1995/ISO 14396	hp (kW) @ 2200 rpm	130 (97)
Nett Power to SAE J1349/EEC 80/1269	hp (kW) @ 2200 rpm	121 (90.5)
Max Torque	lbf.ft (Nm) @ 1400 rpm	392 (532)

**Emissions:** US EPA Tier 3/CARB 3/EU Stage 3. Relevant standards EUNR MM Stage 3 USA CFR Part 89 (Complies with EU/EPA "Off Highway" Construction Equipment Regulation Stage 3).

## TRANSMISSION

4 wheel drive, automatic smooth shift transmission electrically operated selector and gear change incorporating a speed inhibitor and modulation for smooth, responsive on-the-move direction and ratio changes. Single stage integral torque converter 4 forward and 3 reverse gears.

Type	Smooth Shift Powershift	
Make & Model	JCB PD87 Front & Rear	
Torque Converter Stall Ratio	2.30 : 1	
1st Gear	mph (km/h)	4.0 (6.5)
2nd Gear	mph (km/h)	7.7 (12.4)
3rd Gear	mph (km/h)	16.3 (26.2)
4th Gear (forward only)	mph (km/h)	22.6 (36.3)

## AXLES

Type	Epicyclic Hub Reduction	
Make & Model	JCB PD 87 Front & Rear	
Overall Axle Ratio	20.18 : 1	
Rear Axle Oscillation	25°	

## STEERING

Priority steer hydraulic system with emergency steering. Piston pump meters flow through steer valve @ 170 bar (2465 lb/in<sup>2</sup>) to provide smooth low effort response. Steering angle  $\pm 40^\circ$ . Steer rams located high in the chassis fabrication to provide protection from damage. Adjustable steering column.

## BRAKES

Hydraulic power braking on all wheels, operating pressure 50 bar (725 psi). Dual circuit with accumulator back-up provide maximum safety under all conditions. In board mounted, oil immersed, multi-plate disk brakes with organic brake linings are environmentally acceptable. Parking brake, mechanical disc type operating on transmission output shaft.

## TIRES

A variety of tire options are available including:

17.5 x 25 x 12 ply (L2). 17.5 x 25 x 12 ply (L3). 17.5R25 XTLA (L2). 17.5R25 GP2B (L2). 17.5R25 VUT (L2). 17.5R25 XHA (L3). 17.5R25 VMT (L3). 17.5R25 XRD 1A (L4). 17.5R25 RL-2+ (L4). 17.5R25 XMINED2 (L5).

## LOADER HYDRAULICS

Variable displacement piston pump feeds a "load sensing" system providing a fuel efficient and responsive distribution of power as required. Main services are servo actuated from a single lever (joystick) loader control. Auxiliary circuits controlled via additional lever or joystick mounted electrical buttons. Accumulator back-up is available to control loader in the event of loss of pump pressure.

Pump Type		Variable Displacement Piston Pump
Pump Max Flow	gpm (l/min)	41.2 (156)
Pump Max Pressure	lb/in <sup>2</sup> (bar)	3190 (220)
Hydraulic Cycle Times at Full Engine Revs		Seconds
Arms Raise (full bucket)		4.6
Bucket Dump (full bucket)		1.4
Arms Lower (empty bucket)		3.0
Total Cycle		9.0

Ram Dimensions		Bore	Rod	Closed Centers	Stroke
Bucket Ram x2	in (mm)	3.9 (100)	2.4 (60)	62.9 (1598)	36.5 (927)
Lift Ram x2	in (mm)	3.9 (100)	2.4 (60)	45.6 (1158)	29.2 (742)
Steer Ram x2	in (mm)	2.8 (70)	1.6 (40)	24.6 (625)	12.3 (312)



### ELECTRICAL SYSTEM

24 V negative ground system, 55 Amp alternator with 2 x 126 Amp hour low maintenance batteries. Isolator located in rear of machine. Ignition key start/stop and pre-heat cold start. Primary fuse box. Other electrical equipment includes quartz halogen, twin filament working lights, front/rear wash/wipe, heated rear screen, full road going lights, clock, gauge and warning light monitoring. Connectors to IP67 standard.

System Voltage	V	24
Alternator Output	Ah	55
Battery Capacity	Ah	2 x 110

### CAB

Resiliently mounted ROPS/FOPS structure (tested in accordance with ISO 3471-1 : 1986 / ISO 3449 : 1984). Deluxe operator environment combines ergonomically located controls with a high level of appointment and low internal noise levels. Entry/exit is via large rear hinged door and anti - slip steps. Excellent forward visibility is provided by a 3 section curved, laminated windscreen and low waistline. Extensive instrumentation includes electronic monitoring panel and display (EMS). Heating / ventilation provides balanced and filtered air distribution throughout the cab via a powerful 11 kW capacity heater. The unitary construction allows easy sealing and prevents ingress of dust. A transmission lock on the selector prevents inadvertent engagement and the loader controls can be isolated for safe road travel.

### ATTACHMENTS

An extensive range of attachments including pallet forks, crane jibs, high dumping buckets and timber grapples are available to fit directly or via the JCB quickhitch mounting.

### SERVICE FILL CAPACITIES

	gal (l)
Hydraulic System	33 (125)
Fuel Tank	37 (140)
Engine Oil Sump	2.8 (10.7)
Transmission Oil System	6.8 (26)
Axle Oil (front)	6.7 (25.5)
Axle Oil (rear)	6.7 (25.5)
Engine Coolant System	6.1 (23)

### STANDARD EQUIPMENT

**Loader:** Bucket reset mechanism, loader arm kickout mechanism, loader control isolator, single lever servo control, high torque geometry combines with excellent visibility between the arms.

**Engine:** Air cleaner - 2 stage dry type - cyclonic with primary and safety elements, stainless steel silencer and exhaust stack, sedimenter, twin bowl fuel filters, fan guards.

**Transmission:** Single lever shift control, speed inhibitor, neutral start, disconnect on footbrake and loader lever, disconnect isolator switch, direction changes and kickdown on gear selector and loader control lever.

**Axles:** Epicyclic wheel hub reduction, fixed front, oscillating rear.

**Brakes:** Multi-plate wet disc brakes, organic linings, dual circuit hydraulic power. Parking disc brake on transmission output shaft.

**Hydraulics:** Piston pump with priority steer, emergency steer back-up, 2 spool loader circuit with accumulator support, 3rd spool auxiliary hydraulic circuit as standard. Hydraulic tank located in the rear chassis fabrication.

**Steering:** Adjustable steering column, "soft feel" steering wheel 5 turns lock to lock, resilient stops on max lock.

**Cab:** ROPS/FOPS safety structure, cigar lighter, ashtray, interior reading light, center mounted master warning light.

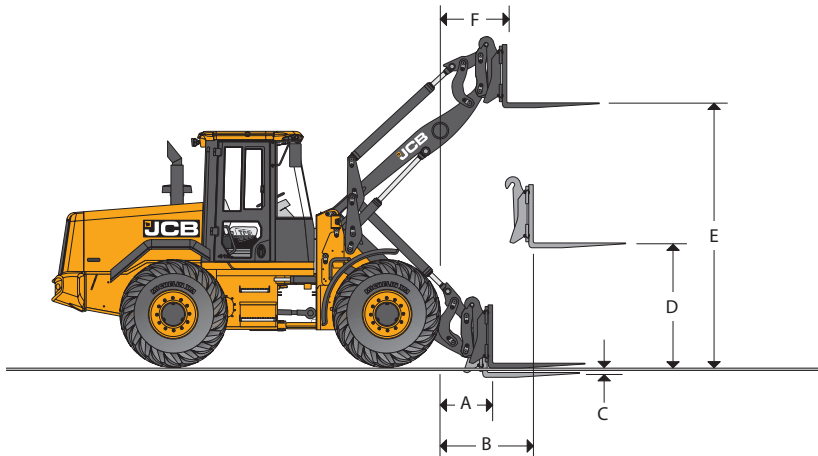
Electronic monitoring panel with LCD message display. Two speed intermittent front windscreen wipe/wash and self park, single speed rear windscreen wipe/wash and self park. 3 speed heater/demisting with replaceable air filter, LH and RH opening windows, sun visor, sun blind, internal rear view mirror, heated external mirrors, adjustable suspension seat with belt and headrest, operator storage facilities, laminated windscreen, loader control isolator, horn.

**Electrical:** Road lights front and rear, parking lights, front and rear working lights, reverse alarm and light, rear fog light, battery isolator, radio wiring and speakers, 55 amp alternator, rotating beacon.

**Bodywork:** Front fenders, side and rear access panels, flexible bottom step, full width rear counterweight, recovery hitch, lifting lugs.

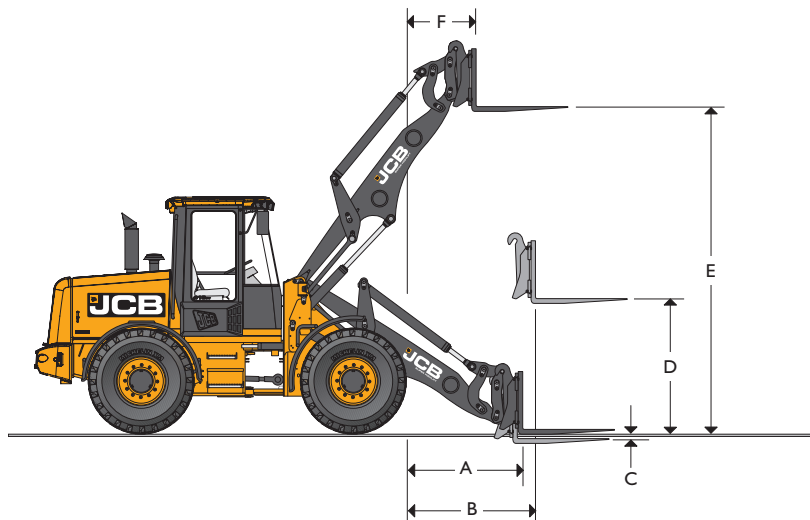
### OPTIONAL EQUIPMENT

Auxiliary 4th spool hydraulic service, air conditioning, limited slip differentials front/rear axles, oil bath air cleaner, turbo 2 pre-cleaner, visibowl pre-cleaner, tooth guard, replaceable bucket wearparts, sealed alternator, epoxy coated radiator/coolers, smooth ride system (SRS), hydraulic quickhitch, rear fenders, super high lift arms, reversing camera (color), auto greasing system, auxiliary control buttons on joystick, spark arrestor, 24 V to 12 V in cab converter, cab screen guards, additional front and rear cab mounted work lights, air suspension seat, front chassis apron mat.

**LOADER DIMENSIONS - FORK FRAME WITH FORKS**

Assumes Michelin 17.5R25 XHA L3 tires		Parallel Fork	Roll Back Fork
Fork Carriage Width	ft-in (mm)	4-11 (1500)	4-11 (1500)
Length of Tines	ft-in (mm)	4-0 (1220)	4-0 (1220)
A Reach at Ground Level	ft-in (mm)	2-2 (666)	2-2 (673)
B Reach at Arms Horizontal	ft-in (mm)	4-9 (1439)	4-9 (1446)
C Below Ground Level	ft-in (mm)	0 (0)	0-0.25 (8)
D Arms, Horizontal Height	ft-in (mm)	5-11 (1799)	5-10 (1789)
E Arms, Maximum Height	ft-in (mm)	11-4 (3456)	11-4 (3446)
F Reach at Maximum Height	ft-in (mm)	2-8 (803)	2-8 (810)
Payload**	lb (kg)	8117 (3682)	8117 (3682)
Tipping Load Straight	lb (kg)	12,048 (5465)	12,048 (5465)
Tipping Load Full Turn (40°)	lb (kg)	10,146 (4602)	10,146 (4602)
Attachment Weight	lb (kg)	968 (440)	968 (440)

\*\*At the center-of-gravity distance 500 mm (1 ft 8 in). Based on 80% of full turn tipping load as defined by ISO 8313.  
Manual fork spacings at 50 mm increments. Fork section 100 mm x 50 mm (4 in x 2 in).

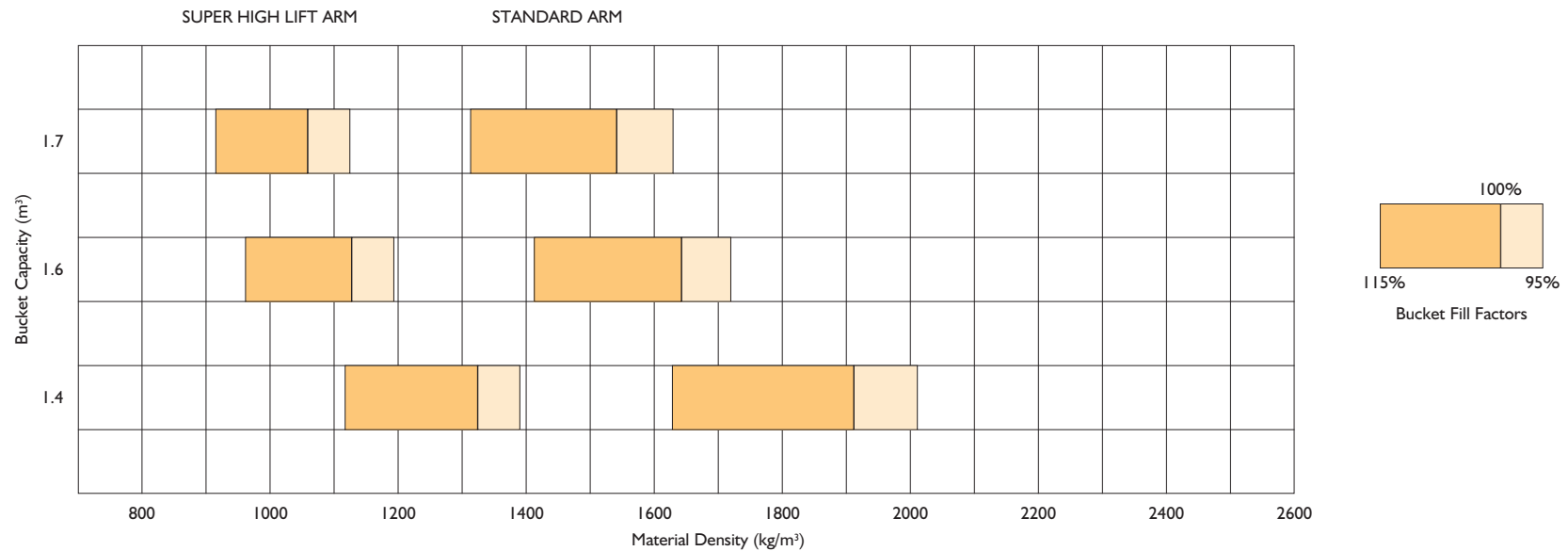
**SUPER HIGH LIFT LOADER DIMENSIONS - FORK FRAME WITH FORKS**

Assumes Michelin 17.5R25 XHA L3 tires		Parallel Fork	Roll Back Fork
Fork Carriage Width	ft-in (mm)	4-11 (1500)	4-11 (1500)
Length of Tines	ft-in (mm)	4-0 (1220)	4-0 (1220)
A Reach at Ground Level	ft-in (mm)	5-0 (1527)	5-0 (1534)
B Reach at Arms Horizontal	ft-in (mm)	5-11 (2114)	7-0 (2121)
C Below Ground Level	ft-in (mm)	0-1 (33)	0-2 (43)
D Arms, Horizontal Height	ft-in (mm)	5-11 (1799)	5-10 (1789)
E Arms, Maximum Height	ft-in (mm)	14-1 (4315)	14-0 (4305)
F Reach at Maximum Height	ft-in (mm)	2-10 (859)	2-10 (866)
Payload**	lb (kg)	6046 (2742)	6046 (2742)
Tipping Load Straight	lb (kg)	8944 (4057)	8944 (4057)
Tipping Load Full Turn (40°)	lb (kg)	7559 (3429)	7559 (3429)
Attachment Weight	lb (kg)	968 (440)	968 (440)

\*\*At the center-of-gravity distance 500 mm (1 ft 8 in). Based on 80% of full turn tipping load as defined by ISO 8313.  
Manual fork spacings at 50 mm increments. Fork section 100 mm x 50 mm (4 in x 2 in).



## BUCKET SELECTOR



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Material	Loose Density		Fill Factor
	kg/m³	lb/yd³	%
Snow (fresh)	200	337	110
Peat (dry)	400	674	100
Sugar Beet	530	894	100
Coke (loose)	570	961	85
Barley	600	1012	85
Petroleum Coke	680	1146	85
Wheat	730	1231	85
Coal Bituminous	765	1290	100
Fertilizer (mixed)	1030	1737	85
Coal Anthracite	1046	1764	100
Earth (dry) (loose)	1150	1939	100
Nitrate Fertilizer	1250	2180	85

Material	Loose Density		Fill Factor
	kg/m³	lb/yd³	%
Sodium Chloride (dry) (salt)	1300	2192	85
Cement Portland	1440	2428	100
Limestone (crushed)	1530	2580	100
Sand (dry)	1550	2613	100
Asphalt	1600	2698	100
Gravel (dry)	1650	2782	85
Clay (wet)	1680	2832	110
Sand (wet)	1890	3187	110
Fire Clay	2080	3507	100
Copper (concentrate)	2300	3878	85
Slate	2800	4721	100
Magnetite	3204	5402	100



## A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into one of the world's largest manufacturers of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders and tractors.

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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