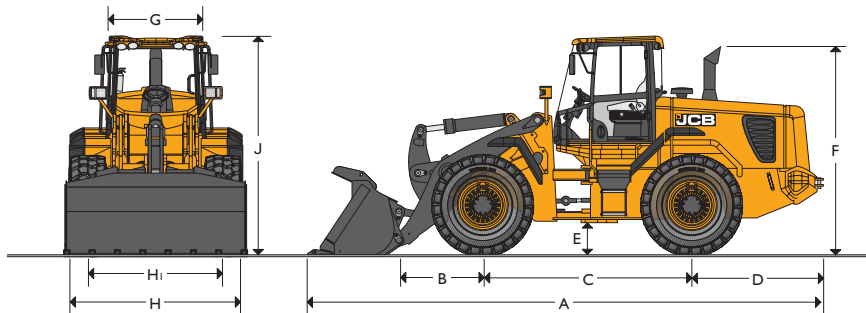


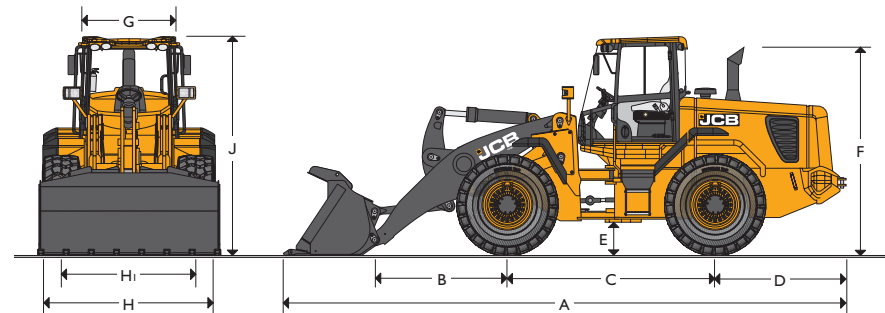


MAX ENGINE POWER: 215 hp (160 kW) MAX OPERATING WEIGHT: 47,036 lb (21,335 kg) MAX LOADER CAPACITY: 4.6 yd³ (3.5 m³)

STATIC DIMENSIONS – Standard Height Arm



STATIC DIMENSIONS – High Lift Arm



STATIC DIMENSIONS – Standard Height Arm

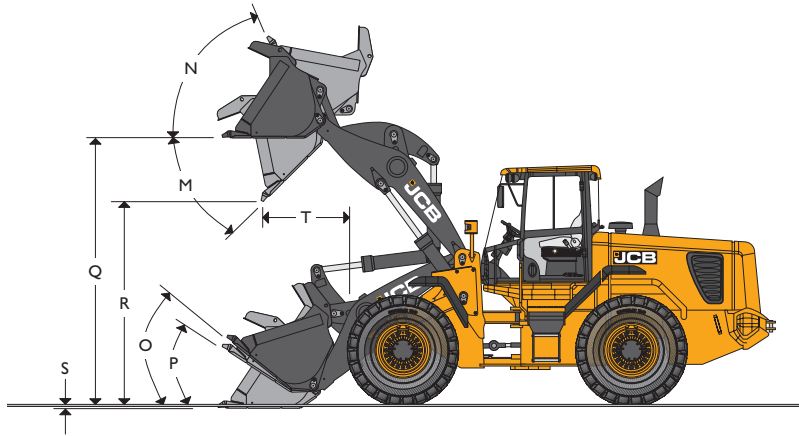
		ft-in (mm)
A	Overall Length	26-1 (7960)
B	Axle to Pivot Pin	5-4 (1622)
C	Wheel Base	10-10 (3300)
D	Axle to Counterweight Face	6-5 (1970)
E	Minimum Ground Clearance	1-7 (470)
F	Height Over Exhaust	10-8 (3260)
G	Width Over Cab	4-9 (1400)
H	Width Over Tires	8-10 (2702)
H ₁	Wheel Track	6-10 (2100)
J	Height Over Cab	11-1 (3370)
	Pin Height (maximum)	13-5 (4107)
	Overall Operating Height	18-3 (5571)
	Front Axle Weight	lb (kg) 19,487 (8840)
	Rear Axle Weight	lb (kg) 22,112 (10,030)
	Total Weight	lb (kg) 41,600 (18,870)
	Inside Radius	10-5 (3182)
	Maximum Radius	21-6 (6554)
	Articulation Angle	± 40°

STATIC DIMENSIONS – High Lift Arm

		ft-in (mm)
A	Overall Length	27-11 (8520)
B	Axle to Pivot Pin	7-2 (2182)
C	Wheel Base	10-10 (3300)
D	Axle to Counterweight Face	6-6 (1988)
E	Minimum Ground Clearance	1-7 (470)
F	Height Over Exhaust	10-8 (3260)
G	Width Over Cab	4-9 (1400)
H	Width Over Tires	8-10 (2702)
H ₁	Wheel Track	6-10 (2100)
J	Height Over Cab	11-1 (3370)
	Pin Height (maximum)	15-4 (4677)
	Overall Operating Height	20-2 (6140)
	Front Axle Weight	lb (kg) 21,429 (9720)
	Rear Axle Weight	lb (kg) 21,078 (9561)
	Total Weight	lb (kg) 42,507 (19,281)
	Inside Radius	10-5 (3182)
	Maximum Radius	22-2 (6770)
	Articulation Angle	± 40°



LOADER DIMENSIONS – Standard Height Arm



CHANGES TO OPERATING PERFORMANCE AND DIMENSIONS – Standard Height Arm

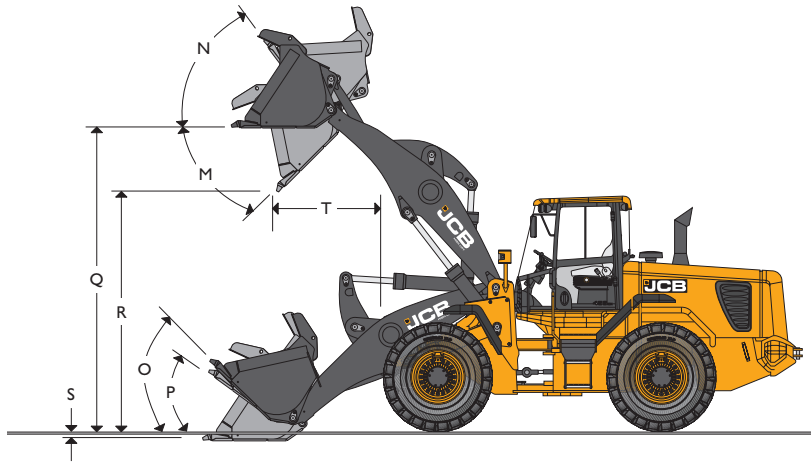
Tire Size	Manufacturer	Type	Rating	Op Weight lb (kg)	Tipping Loads		Dimensions		
					Straight lb (kg)	Full Turn lb (kg)	Vertical in (mm)	Width in (mm)	
23.5 - 25 (crossply)	Bridgestone	20 Ply	L2	-952 (-432)	-553 (-251)	-542 (-246)	-0.08 (-2)	0	
23.5 R 25 (radial)	Goodyear	GP - 2B	L2	-141 (-64)	-84 (-38)	-82 (-37)	-82 (-37)	0	
23.5 R 25 (radial)	Goodyear	RL - 2 +	L2	221 (100)	137 (62)	135 (61)	-0.08 (-2)	0	
23.5 R 25 (radial)	Michelin	XTLA	L2	-221 (-100)	-128 (-58)	-126 (-57)	-0.08 (-2)	0	
23.5 - 25 (crossply)	Bridgestone	20 Ply	L3	-459 (-208)	-267 (-121)	-260 (-118)	0	0	
23.5 - 25 (crossply)	Firestone	20 Ply	L3	-688 (-312)	-399 (-181)	-390 (-177)	0	0	
650/65 R25 (radial)	Michelin	XLD	L3	-432 (-196)	-249 (-113)	-247 (-112)	-2.36 (-60)	1.14 (29)	
750/65 R25 (radial)	Michelin	XLD	L3	935 (424)	578 (262)	567 (257)	-0.24 (-6)	8.07 (205)	
23.5 R25 (radial)	Michelin	XRD1A	L4	564 (256)	348 (158)	342 (155)	1.42 (36)	0	
23.5 R 25 (radial)	Goodyear	GP - 4B	L4	838 (380)	518 (235)	507 (230)	1.42 (35)	0	
23.5 R 25 (radial)	Goodyear	RL - 5K	L5	1552 (704)	959 (435)	937 (425)	1.42 (36)	0	
23.5 R 25 (radial)	Michelin	XLDD2A	L5	1261 (572)	778 (353)	761 (345)	1.42 (36)	0	
23.5 R 25 (radial)	Michelin	XMINED2	L5	1782 (808)	1100 (499)	1076 (488)	1.42 (36)	0	
Less optional counterweight				-	-1764 (-800)	-2628 (-1445)	-2206 (-1211)	0	0

Assumes the fitment of Michelin 23.5R25 XHA (L3) tires and optional counterweight.

Bucket Mounting		Direct	Direct	Direct	Direct	Direct	Direct	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch
Bucket Type		General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose
Bucket Equipment		Tipped Teeth	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate	Tipped Teeth & Toeplate Segments	Tipped Teeth & Toeplate Segments	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate	Tipped Teeth & Toeplate Segments
Bucket Capacity (SAE heaped)	yd ³ (m ³)	4.1 (3.1)	4.3 (3.3)	4.1 (3.1)	4.3 (3.3)	4.6 (3.5)	4.3 (3.3)	4.1 (3.1)	4.3 (3.3)	4.3 (3.3)	4.6 (3.5)	4.3 (3.3)	4.6 (3.5)
Bucket Capacity (struck)	yd ³ (m ³)	3.651 (2.791)	3.912 (2.991)	3.651 (2.791)	3.836 (2.933)	4.103 (3.137)	3.836 (2.933)	4.103 (3.137)	3.266 (2.497)	3.515 (2.687)	3.464 (2.648)	3.720 (2.844)	3.464 (2.648)
Bucket Width	ft-in (mm)	9-4 (2837)	9-4 (2837)	9-3 (2811)	9-2 (2800)	9-2 (2800)	9-2 (2800)	9-2 (2800)	9-4 (2837)	9-4 (2837)	9-4 (2837)	9-4 (2837)	9-4 (2837)
Bucket Weight with Wearparts	lb (kg)	3532 (1602)	3627 (1645)	3554 (1612)	3797 (1722)	3892 (1765)	3797 (1722)	3892 (1765)	3043 (1380)	3122 (1416)	3296 (1495)	3376 (1531)	3296 (1495)
Maximum Material Density	lb/yd ³ (kg/m ³)	3411 (2064)	3257 (1925)	3436 (2061)	3249 (1920)	3014 (1797)	3249 (1920)	3014 (1797)	3125 (1874)	2957 (1748)	2950 (1743)	2737 (1631)	2950 (1743)
Tipping Load Straight	lb (kg)	36,454 (16,535)	36,222 (16,430)	36,404 (16,513)	36,169 (16,406)	35,936 (16,300)	36,169 (16,406)	35,936 (16,300)	33,443 (15,170)	36,185 (16,413)	33,184 (15,052)	32,974 (14,957)	33,184 (15,052)
Tipping Load Full Turn	lb (kg)	30,424 (13,800)	30,217 (13,706)	30,378 (13,779)	30,149 (13,675)	29,938 (13,580)	30,149 (13,675)	29,938 (13,580)	27,467 (12,459)	27,639 (12,537)	27,577 (12,509)	27,385 (12,422)	27,577 (12,509)
Payload at 50% FTTL	lb (kg)	15,212 (6900)	15,109 (6853)	15,189 (6890)	15,075 (6838)	14,969 (6790)	15,075 (6838)	14,969 (6790)	13,734 (6229)	13,820 (6268)	13,789 (6254)	13,693 (6211)	13,789 (6254)
Maximum Break Out Force	lbf (kN)	38,666 (172)	37,092 (165)	3866 (172)	36,193 (161)	34,619 (154)	36,193 (161)	34,619 (154)	34,394 (153)	33,046 (147)	32,146 (143)	30,798 (137)	32,146 (143)
M Dump Angle Maximum	degrees	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°
N Roll Back Angle at Full Height	degrees	67°	67°	67°	67°	67°	67°	67°	67°	67°	67°	67°	67°
O Roll Back at Carry	degrees	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°
P Roll Back at Ground Level	degrees	39°	39°	39°	39°	39°	39°	39°	39°	39°	39°	39°	39°
Q Load Over Height	ft-in (mm)	12-6 (3822)	12-6 (3822)	12-3 (3856)	12-6 (3831)	12-6 (3831)	12-6 (3822)	12-6 (3822)	12-6 (3822)	12-2 (3702)	12-6 (3831)	12-2 (3711)	12-6 (3822)
R Dump Height (45° dump)	ft-in (mm)	9-0 (2760)	8-11 (2718)	9-1 (2784)	9-6 (2887)	9-4 (2845)	9-0 (2760)	8-11 (2718)	8-8 (2640)	9-1 (2767)	8-11 (2725)	8-8 (2640)	8-6 (2578)
S Dig Depth	ft-in (mm)	0-2 (56)	0-2 (56)	0-2 (56)	0-4 (91)	0-4 (91)	0-4 (91)	0-4 (91)	0-2 (56)	0-2 (56)	0-4 (91)	0-4 (91)	0-4 (91)
T Reach at Dump Height	ft-in (mm)	3-10 (1187)	3-9 (1141)	4-0 (1213)	3-7 (1085)	3-5 (1039)	3-10 (1187)	3-9 (1141)	4-3 (1307)	4-2 (1261)	3-11 (1205)	3-10 (1159)	4-3 (1307)
Reach Maximum (45° dump)	ft-in (mm)	7-0 (2146)	7-2 (2188)	7-1 (2170)	6-8 (2032)	6-10 (2074)	7-0 (2146)	7-2 (2188)	7-5 (2266)	7-7 (2308)	7-1 (2152)	7-2 (2194)	7-5 (2266)
Operating Weight (includes 175 lb operator and full fuel tank)	lb (kg)	43,261 (19,623)	43,369 (19,672)	43,283 (19,633)	43,526 (19,743)	43,634 (19,792)	43,526 (19,743)	43,634 (19,792)	43,975 (19,947)	44,084 (19,996)	44,240 (20,067)	44,348 (20,116)	44,240 (20,067)



LOADER DIMENSIONS – High Lift Arm



CHANGES TO OPERATING PERFORMANCE AND DIMENSIONS – High Lift Arm

Tire Size	Manufacturer	Type	Rating	Op Weight lb (kg)	Tipping Loads		Vertical in (mm)	Dimensions Width in (mm)
					Straight lb (kg)	Full Turn lb (kg)		
23.5 - 25 (crossply)	Bridgestone	20 Ply	L2	-952 (-432)	-436 (-198)	-428 (-194)	-0.080 (-2)	0
23.5 R 25 (radial)	Goodyear	GP - 2B	L2	-141 (-64)	-66 (-30)	-64 (-29)	-0.080 (-2)	0
23.5 R 25 (radial)	Goodyear	RL - 2 +	L2	221 (100)	108 (49)	106 (48)	-0.080 (-2)	0
23.5 R 25 (radial)	Michelin	XTLA	L2	-221 (-100)	-101 (-46)	-99 (-45)	-0.080 (-2)	0
23.5 - 25 (crossply)	Bridgestone	20 Ply	L3	-459 (-208)	-212 (-96)	-205 (-93)	0	0
23.5 - 25 (crossply)	Firestone	20 Ply	L3	-688 (-312)	-315 (-143)	-309 (-140)	0	0
650/65 R25 (radial)	Michelin	XLD	L3	-432 (-196)	-196 (-89)	-194 (-88)	-2.36 (-60)	1.14 (29)
750/65 R25 (radial)	Michelin	XLD	L3	935 (424)	578 (262)	567 (257)	-0.24 (-6)	8.07 (205)
23.5 R25 (radial)	Michelin	XRDI A	L4	564 (256)	276 (125)	269 (122)	1.42 (36)	0
23.5 R 25 (radial)	Goodyear	GP - 4B	L4	838 (380)	410 (186)	401 (182)	1.42 (36)	0
23.5 R 25 (radial)	Goodyear	RL - 5K	L5	1552 (704)	759 (344)	741 (336)	1.42 (36)	0
23.5 R 25 (radial)	Michelin	XLDD2A	L5	1261 (572)	615 (279)	602 (273)	1.42 (36)	0
23.5 R 25 (radial)	Michelin	XMINED2	L5	1782 (808)	869 (394)	851 (386)	1.42 (36)	0
Less optional counterweight	-	-	-	-1764 (-800)	-2628 (-1192)	-2206 (-1000)	0	0

Assumes the fitment of Michelin 23.5R25 XHA (L3) tires and optional counterweight.

Bucket Mounting		Direct	Direct	Direct	Direct	Direct	Direct	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch	Quickhitch
Bucket Type		General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose
Bucket Equipment		Tipped Teeth	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate	Tipped Teeth & Toeplate Segments	Tipped Teeth & Toeplate Segments	Tipped Teeth	Tipped Teeth	Reversible Toeplate	Reversible Toeplate	Tipped Teeth & Toeplate Segments
Bucket Capacity (SAE heaped)	yd ³ (m ³)	3.7 (2.8)	4.1 (3.1)	4.3 (3.3)	4.3 (3.3)	4.6 (3.5)	4.3 (3.3)	4.6 (3.5)	4.1 (3.1)	4.3 (3.3)	4.3 (3.3)	4.6 (3.5)	4.3 (3.3)
Bucket Capacity (struck)	yd ³ (m ³)	3.266 (2.497)	3.651 (2.791)	3.912 (2.991)	3.836 (2.933)	4.103 (3.137)	3.836 (2.933)	4.103 (3.137)	3.266 (2.497)	3.515 (2.687)	3.464 (2.648)	3.720 (2.844)	3.464 (2.648)
Bucket Width	ft-in (mm)	9-4 (2837)	9-4 (2837)	9-4 (2837)	9-2 (2800)	9-2 (2800)	9-2 (2800)	9-2 (2800)	9-4 (2837)	9-4 (2837)	9-4 (2837)	9-4 (2837)	9-4 (2837)
Bucket Weight with Wearparts	lb (kg)	3371 (1529)	3532 (1602)	3627 (1645)	3797 (1722)	3892 (1765)	3797 (1722)	3892 (1765)	3043 (1380)	3122 (1416)	3296 (1495)	3376 (1531)	3296 (1495)
Maximum Material Density	lb/yd ³ (kg/m ³)	2858 (1713)	2567 (1540)	2430 (1436)	2424 (1432)	2249 (1340)	2424 (1432)	2249 (1340)	2351 (1410)	2226 (1315)	2220 (1312)	2060 (1228)	2220 (1312)
Tipping Load Straight	lb (kg)	28,191 (12,787)	28,065 (12,730)	27,890 (12,651)	27,850 (12,633)	27,677 (12,554)	27,850 (12,633)	27,677 (12,554)	26,029 (11,807)	25,867 (11,733)	25,832 (11,717)	25,673 (11,645)	25,832 (11,717)
Tipping Load Full Turn	lb (kg)	23,358 (10,595)	23,255 (10,548)	23,102 (10,479)	23,050 (10,455)	22,893 (10,384)	23,050 (10,455)	22,893 (10,384)	21,486 (9746)	21,346 (9682)	21,300 (9662)	21,157 (9597)	21,300 (9662)
Payload at 50% FTTL	lb (kg)	11,679 (5298)	11,628 (5274)	11,551 (5239)	11,525 (5228)	11,447 (5192)	11,525 (5228)	11,447 (5192)	10,743 (4873)	10,673 (4841)	10,650 (4831)	10,579 (4798)	10,650 (4831)
Maximum Break Out Force	lbf (kN)	36,867 (164)	33,945 (151)	32,596 (145)	31,922 (142)	30,573(136)	31,922 (142)	30,573 (136)	30,123 (134)	28,999 (129)	28,325 (126)	27,201 (121)	28,325 (126)
M Dump Angle Maximum	degrees	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°
N Roll Back angle at Full Height	degrees	53°	53°	53°	53°	53°	53°	53°	53°	53°	53°	53°	53°
O Roll Back at Carry	degrees	52°	52°	52°	52°	52°	52°	52°	52°	52°	52°	52°	52°
P Roll Back at Ground Level	degrees	44°	44°	44°	44°	44°	44°	44°	44°	44°	44°	44°	44°
Q Load Over Height	ft-in (mm)	14-5 (4393)	14-5 (4393)	14-5 (4393)	14-5 (4402)	14-5 (4402)	14-5 (4393)	14-5 (4393)	14-5 (4393)	14-0 (4273)	14-5 (4402)	14-1 (4282)	14-5 (4393)
R Dump Height (45° dump)	ft-in (mm)	11-2 (3395)	10-11 (3311)	10-9 (3289)	11-4 (3458)	11-2 (3416)	10-11 (3331)	10-9 (3289)	10-6 (3211)	10-4 (3149)	10-11 (3338)	10-10 (3296)	10-6 (3211)
S Dig Depth	ft-in (mm)	0-2 (56)	0-2 (56)	0-2 (56)	0-4 (91)	0-4 (91)	0-4 (91)	0-4 (91)	0-2 (56)	0-2 (56)	0-4 (91)	0-4 (91)	0-4 (91)
T Reach at Dump Height	ft-in (mm)	3-8 (1105)	4-2 (1265)	4-0 (1219)	3-10 (1162)	3-8 (1117)	4-2 (1265)	4-0 (1219)	4-7 (1385)	4-5 (1339)	4-3 (1283)	4-1 (1237)	4-7 (1385)
Reach Maximum (45° dump)	ft-in (mm)	8-5 (2559)	8-7 (2623)	8-9 (2665)	8-3 (2509)	8-4 (2551)	8-7 (2623)	8-9 (2665)	9-0 (2743)	9-2 (2785)	8-8 (2629)	8-9 (2617)	9-0 (2743)
Operating Weight (includes 175 lb operator and full fuel tank) lb (kg)		44,006 (19,961)	25,967 (11,779)	44,275 (20,083)	44,432 (20,154)	44,540 (20,203)	44,432 (20,154)	44,540 (20,203)	44,882 (20,358)	44,990 (20,407)	45,146 (20,478)	45,254 (20,527)	45,146 (20,478)



LOADER

Heavy duty three ram geometry provides high breakout forces with excellent loading characteristics. The pin, bush and sealing design on all pivot points provide extended maintenance intervals.

ENGINE

6-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	4 Stroke Direct Injection	
Model	QSC 8.3	
Capacity	in ³ (l)	504.5 (8.3)
Bore	in (mm)	4.49 (114)
Stroke	in (mm)	5.32 (135)
Aspiration	Turbo Charged	
Cylinders	6	
Max Gross Power to SAE J1995/ISO 14396	hp (kW) @ 2000 rpm	215 (160)
Rated Gross Power to SAE J1995/ISO 14396	hp (kW) @ 2200 rpm	215 (160)
Net Power to SAE J1349/EEC 80/1269	hp (kW) @ 2200 rpm	206.5 (154)
Max Torque	lbf.ft (Nm) @ 1400 rpm	675 (915)

Emissions:

US EPA Tier 3, CARB Tier 3, EU Stage I I I A.

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	ZF 4WG 210	
Torque Converter Stall Ratio	2.813 : 1	
1st Gear	mph (km/h)	4.3 (6.9)
2nd Gear	mph (km/h)	7.7 (12.3)
3rd Gear	mph (km/h)	15.3 (24.4)
4th Gear (forward only)	mph (km/h)	23.4 (37.4)

AXLES

Type	Epicyclic Hub Reduction
Make & Model	ZF MT-L 3095 II
Overall Axle Ratio	23.334 : 1
Rear Axle Oscillation	25°

STEERING

Priority steer hydraulic system with emergency steering. Piston pump meters flow through steer valve to provide smooth low effort response. Steering angle ± 40°. Steer rams fitted with end rod damping to provide cushioned steering at full articulation. Adjustable steering column.

BRAKES

Hydraulic power braking on all wheels, operating pressure 1,160 psi (80 bar). Dual circuit with accumulator back-up provide maximum safety under all conditions. Hub mounted, oil immersed, multi-plate disk brakes with organic brake linings are environmentally acceptable. Parking brake, electro-hydraulic disc type operating on transmission output shaft.



TIRES

A variety of tire options are available including:
 23.5 x 25 x 20 ply (L2). 23.5R25 RL-2+ (L2). 23.5 x 25 x 20 ply (L3). 23.5R25 XTLA (L2). 23.5R25 GP2B (L2).
 23.5R25 VUT (L2). 650/65 R25 XLD (L3). 23.5R25 XHA (L3). 23.5R25 VMT (L3). 23.5R25 XRD1A (L4).
 23.5R25 XMINED2 (L5). 750/65 R25 XLD (L3).

LOADER HYDRAULICS

Variable displacement piston pump feed 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 circuit 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		Twin Variable Displacement Piston Pump
Pump 1 Max Flow	gal/min (l/min)	43 (163)
Pump 1 Max Pressure	lb/in ² (bar)	3625 (250)
Pump 2 Max Flow	gal/min (l/min)	43 (163)
Pump 2 Max Pressure	lb/in ² (bar)	2320 (160)
Hydraulic Cycle Times at Full Engine Revs		Seconds
Arms Raise (full bucket)		5.8
Bucket Dump (full bucket)		1.2
Arms Lower (empty bucket)		4.1
Total Cycle		11.1

Ram Dimensions		Bore	Rod	Closed Centers	Stroke
Bucket Ram x1	in (mm)	7.1 (180)	3.5 (90)	44.1 (1120)	20.9 (530)
Lift Ram x2	in (mm)	6.3 (160)	3.1 (80)	50.8 (1290)	29.3 (744)
Steer Ram x2	in (mm)	3.5 (90)	2.0 (50)	24.4 (621)	12.3 (312)

ELECTRICAL SYSTEM

24 V negative ground system, 70 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 window, full road going lights, clock, gauge and warning light monitoring. Connectors to IP67 standard.

System Voltage	V	24
Alternator Output	Ah	70
Battery Capacity	Ah	2 x 126

CAB

Resiliently mounted ROPS/FOPS structure (tested in accordance with EN13510 : 2000/EN13627 : 2000 (Level 2). 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 windshield and full glazing below waistline. Extensive instrumentation includes electronic monitoring panel and display (EMS). Heating / ventilation provides balanced and filtered air distribution throughout the cab via a powerful 8 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.

Exterior Power Level : 72 Lp (A)
 106 Lw (A)



ATTACHMENTS

An extensive range of attachments are available to fit directly or via the JCB quickhitch mounting.

SERVICE FILL CAPACITIES

	gal (l)
Hydraulic System	57 (215)
Fuel Tank	85 (320)
Engine Oil Sump	5 (18.9)
Transmission Oil System	9 (34)
Axle Oil (front)	9 (35)
Axle Oil (rear)	9 (35)
Engine Coolant System	11 (40)

STANDARD EQUIPMENT

Loader: Bucket reset mechanism, loader arm kickout mechanism, loader control isolator, single lever or multi lever servo control, high breakout forces with excellent loading characteristics.

Engine: Air cleaner 2 stage dry type – cyclonic with primary and safety elements, sedimenter, twin bowl fuel filters, alternator and air conditioning compressor drive belt guards, isolated cooling package with hydraulically driven cooling fan.

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: Twin piston pumps with priority steer, emergency steer back-up, z spool loader circuit with accumulator support, 3rd spool auxiliary hydraulic circuit as option.

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

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, 70 amp alternator, rotating beacon.

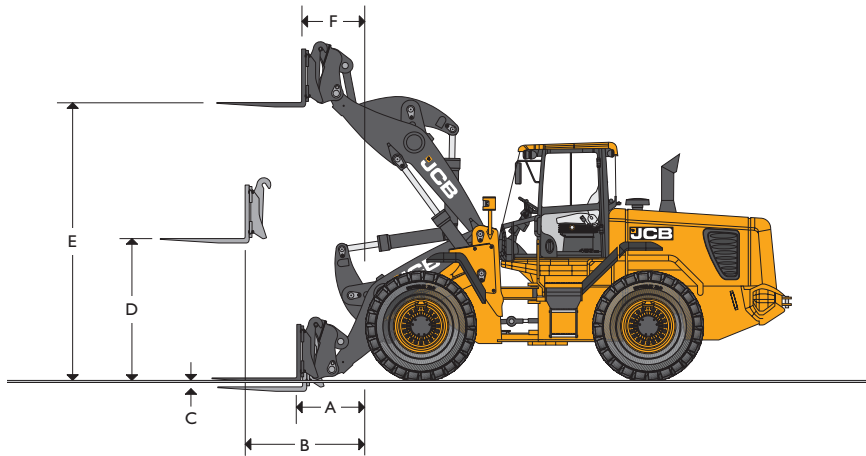
Bodywork: Front and rear fenders, side and rear access panels, flexible bottom step, full width rear counterweight, recovery hitch, lifting lugs.

OPTIONAL EQUIPMENT

Air conditioning, limited slip differentials front/rear axles, oil bath air cleaner, Turbo 2 and dust buster pre-cleaner, visibowl pre-cleaner, tooth guard, replaceable bucket wearparts, sealed alternator, 100 amp alternator, epoxy coated radiator/coolers, automatically reversing cooling fan, stainless steel brake pipes, smooth ride system (SRS), hydraulic quickhitch, full rear fenders, reversing camera (colour), additional front and rear worklights, auto greasing system, auxiliary proportional control buttons on joystick, spark arrestor, 24 V to 12 V in cab converter, cab screen guards, additional front and rear work lights, heated air suspension seat, heated mirrors, extra counterweight, light guards, front and rear blinds, engine block heater, biodegradable hydraulic oil, cab filtration options, fire extinguisher, number plate light kit.

WASTEMASTER STANDARD EQUIPMENT

Machine as above including: fully belly guard kit, turbo 2 pre-cleaner, automatically reversing fan, carbon cab air intake filter, front and rear light guards, white noise reverse alarm, auxiliary work lights, widecore radiator, full Wastemaster branding.

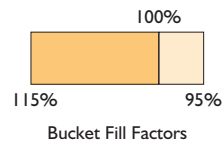
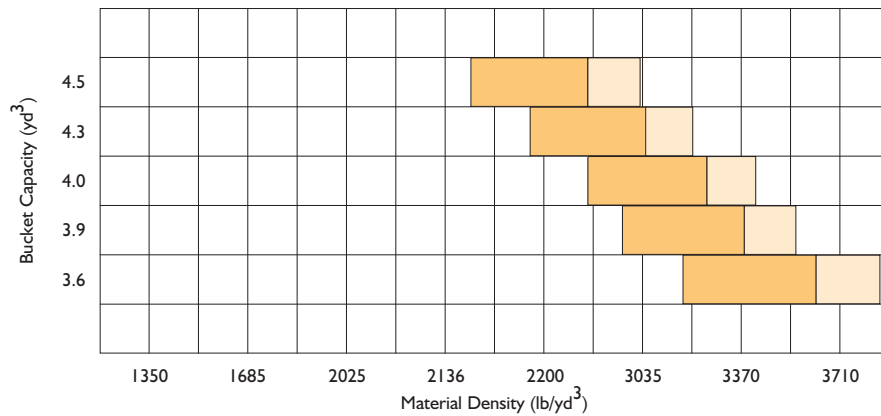


LOADER DIMENSIONS – FORK FRAME WITH FORKS

Assumes the fitment of Michelin 23.5R25 XHA (L3) tires		Standard Arm	High Lift Arm
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)	3-7 (1084)	5-5 (1644)
B Reach at Arms Horizontal	ft-in (mm)	5-7 (1695)	7-2 (2172)
C Below Ground Level	ft-in (mm)	0-1 (16)	0-1 (16)
D Arms, Horizontal Height	ft-in (mm)	6-6 (1975)	6-6 (1975)
E Arms, Maximum Height	ft-in (mm)	13-1 (3997)	15-0 (4567)
F Reach at Maximum Height	ft-in (mm)	2-5 (735)	2-8 (813)
Payload*	lb (kg)	17,383 (7883)	12,967 (5880)
Tipping Load Straight	lb (kg)	26,044 (11,812)	19,587 (8882)
Tipping Load Full Turn (40°)	lb (kg)	21,724 (9853)	16,210 (7351)
Attachment Weight	lb (kg)	1301 (590)	1301 (590)

*At the center-of-gravity distance 2 ft 0 in (600 mm). Based on 80% of full turn tipping load as defined by ISO 8313. Manual fork spacings at 2 in (50 mm) increments. Class 4A Fork section 6 in x 2.4 in (150 mm x 60 mm).

BUCKET SELECTOR



Material	Loose Density		Fill Factor
	lb/yd ³	kg/m ³	%
Snow (fresh)	337	200	110
Peat (dry)	674	400	100
Sugar Beet	894	530	100
Coke (loose)	961	570	85
Barley	600	1012	85
Petroleum Coke	1146	680	85
Wheat	1231	730	85
Coal Bitumous	1290	765	100
Fertilizer (mixed)	1737	1030	85
Coal Anthracite	1764	1046	100
Earth (dry) (loose)	1939	1150	100
Nitrate Fertilizer	2180	1250	85
Sodium Chloride (dry) (salt)	2192	1300	85
Cement Portland	2428	1440	100
Limestone (crushed)	2580	1530	100
Sand (dry)	2613	1550	100
Asphalt	2698	1600	100
Gravel (dry)	2782	1650	85
Clay (wet)	2832	1680	110
Sand (wet)	3187	1890	110
Fire clay	3507	2080	100
Copper (concentrate)	3878	2300	85
Slate	4721	2800	100
Magnetite	5402	3204	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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