

MCM **CL30**

COMPACT LOADER



MCM

Together, The **Future** Is Built



Instagram: @mcm.company



Facebook: MCM Group



Website: www.MCMGROUP.co.za

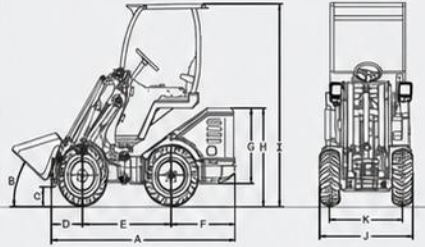
CL30 FEATURES & SPECIFICATIONS

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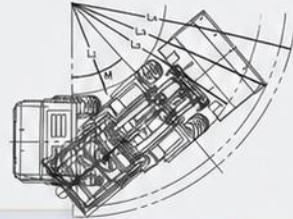
STATIC DIMENSIONS

A	Overall length (without attachment), mm (in)	2195 (86.41)
B	Roll back at ground, degrees	36°
C	Ground Clearance, mm (in)	250 (9.84)
D	Front axle to pivot pin, mm (in)	385 (15.15)
E	Wheelbase, mm (in)	1100 (43.3)
F	Rear axle to counterweight face, mm (in)	710 (27.95)
G	Tail height, mm (in)	730 (28.74)
H	Tail height from ground, mm (in)	948 (37.32)
I	Overall height, mm (in)	1985 (37.36)
J	Overall width, mm (in)	980 (38.58)
K	Wheel track, mm (in)	705 (27.75)



TURNING DIMENSIONS

L1	Inner tyre radius, mm (in)	1007 (39.64)
L2	Outer tyre radius, mm (in)	1986 (78.18)
L3	Outer bucket radius, mm (in)	2245 (88.38)
L4	Outer cabin articulation radius, mm (in)	2356 (92.75)
M	Articulation angle, degrees	40°



With more than 60 original attachments, the CL30 can become a trencher or a post hole digger, a fork lift, a compact tractor, a FEL, concrete mixer, or leveller in seconds. A CL30 can become almost any machine needed, bringing power and versatility to its owner.



KEY BENEFITS

- ✓ Perfect for tight spaces with robust design.
- ✓ All-terrain workhorse fit for rough work.
- ✓ Powerful 4WD hydrostatic transmission.
- ✓ Easy-to-use multifunctional joystick.
- ✓ Compact build brings strong lifting capacity.
- ✓ Telescopic boom brings great lifting height.
- ✓ Removable engine cover makes servicing a dream.

IDEAL APPLICATIONS

- Landscaping
- Construction
- Agriculture
- Material handling
- Governmental projects
- Demolition
- DIY enthusiasts
- And more

TRANSMISSION

Type	Hydrostatic	
Travel Speed, km/h (mph)	12 (7.4)	
Hi Range, km/h (mph)	Forward	Reverse
	12 (7.4)	10 (6.2)
Low Range, km/h (mph)	-	-

ENGINE

Make and Model	Yanmar 3TNV82A
Combustion Chamber	Direct Injection
Capacity, Litres (in ³)	1.331 (81.22)
Cylinders	3
Peak Power, kW (HP) @ 3000 rpm	21.9 (29.8)
Emission Generator	EPA Tier 3 & EU stage III

SERVICE FILL CAPACITIES

Hydraulic System, Litres (Gal)	35 (9.24)
Fuel Tank, Litres (Gal)	18 (4.75)
Engine Oil (Including Filter), Litres (Gal)	5.5 (1.45)

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EQUIPMENT

ELECTRICAL	CL30	EXTERIOR	CL30
Working Lights, front & rear	■	Counterweights	■
Horn / rotating beacon, 12V	■	Rear hydraulic output	+
12V electrical auxiliary output, front	■	Rear 3-point hitch	+
		4WD/Four-wheel-drive	■
OPERATOR STATION	CL30	Two-way multi coupling system	■
Removable canopy, ROPS/FOPS	■	Hydraulic oil cooler	■
Adjustable seat with seat belt	■	Hydraulic quick coupler plate	■
Multi-functional joystick	■	Dynamic block system	■
Engine throttle control	■	Boom floating function	■
Electric instrument panel	■	Boom self-leveling function	■
Manual parking brake	■	Telescopic Boom	■
Steering wheel spinner knob	■	Boom safety lock	■
Horn	■	Travel safety lock	■
		Trailer hook, standard or euro	■
		Hydraulic pressure testing point	■
SWITCH CONTROLS	CL30		
4WD/lock control	■		
Two-speed hydraulic flow control	■		
Electric auxiliary control, front	■		
Light controls	■		
Direction indicator control	■		
		■ Standard	
		+ Optional	
PRIMARY DISPLAY	CL30		
Warning lights	■		
Fuel level gauge	■		
Voltage	■		
Engine oil pressure	■		
Water temperature	■		
High oil temperature	■		
Engine revolutions per minute (rpm)	■		

LOADER DIMENSIONS

	CL30
Bucket/Shovel Mounting	Quickhitch
Std Bucket/Shovel Capacity, m ³ (ft ³)	0.25 (8.82)
Std Bucket/Shovel Width, mm (in)	1020 (40.15)
Std Bucket/Shovel Weight, kg (lb)	110 (242.5)
Tipping Load Straight, kg (lb)	800 (1763.7)
Tipping Load Full Turn, kg (lb)	550 (1212.5)
Rated Load, kg (lb)	500 (1102.3)
Maximum Breakout Force, kg (lb)	950 (2094.3)
N Boom Horizontal Full Extension, mm (in)	975 (38.38)
O Boom Horizontal Full Retraction, mm (in)	375 (14.76)
P Roll Back at Ground Level, degrees	36°
Q Boom Horizontal Lift Height, mm (in)	1190 (46.85)
R Dump Height (Extended), mm (in)	2150 (84.64)
Dump Height (Retracted), mm (in)	1620 (63.77)
S Load Over Height (Extended), mm (in)	2480 (97.63)
Load Over Height (Retracted), mm (in)	1950 (76.77)
T Working Height (Extended) mm (in)	3290 (129.52)
Working Height (Retracted) mm (in)	2810 (110.62)
U Reach at Dump Height (Extended), mm (in)	700 (27.55)
Reach at Dump Height (Retracted), mm (in)	330 (12.99)
V Maximum Dumping Angle (Extended), mm (in)	30°
Maximum Dumping Angle (Retracted), mm (in)	30°



ATTACHMENTS



HYDRAULICS

	CL30
Pump Type	Gear
Pump 1 Max. Flow, L/min (gal/min)	18 (4.7)
Pump 1 Max. Pressure, MPa (psi)	21 (3,045.7)
Pump 2 Max. Flow, L/min (gal/min)	12 (3.1)
Pump 2 Max. Pressure, MPa (psi)	16 (2,610.8)
Pump 3 Max. Flow, L/min (gal/min)	-
Pump 3 Max. Pressure, bar (psi)	-
Max. Auxiliary Flow (Single Lth), L/min (gal/min)	30 (7.9)
Hydraulic Cycle Times at Engine Revs.	
Arms Raise (Full Bucket), seconds	6.15
Bucket Dump (Full Bucket), seconds	7.18
Arms Lower (Empty Bucket), seconds	3.08
Total Cycle, seconds	11.01

TYRES

	CL30
Type	Standard
Size	23x8.5-12
Operating Weight, kg (lb)	-
Tyre Weight, kg (lb)	20 (44)
Optional Tyre Type	Turf
Size	23x8.5-12
Operating Weight, kg (lb)	-
Tyre Weight, kg (lb)	20 (44)

ELECTRICAL OUTPUT

	CL30
System Voltage, volts	12
Alternator Output, Ah	36
Battery Capacity, Ah	190 (7.48)
Auxiliary Electrical Output	12



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