

MANTSINEN 90 MCT



Material handling machine
Mobile harbour crane



Mantsinen 90 MCT

Technical specifications

Front equipment

Max. horizontal reach	25 m	82'
Lifting capacity	Approx. 10 t / 16 m	22 000 lbs @ 50'

Engine

Type	Caterpillar C-15	
Power	301 kW	409 hp
Number of cylinders	6	
Displacement	15.2 l	923 cu.in

Undercarriage

Height	2.3 m to 5 m	7'6" to 16'5"
Wheelbase	4.700 mm	15'5"
Axles	100 ton axles with planetary reductions	
Drive speed	Max. 10 km/h	6 mph
Tyres	8 x 14.00-25 solid rubber	

Hydraulic system

Oil flow, equipment and drive	2 x 400 l/min	2 x 106 gpm U.S.	
Oil flow, swing (closed loop circuit)	360 l/min	95 gpm U.S.	
Oil flow, auxiliary circuit	100 l/min	26 gpm U.S.	
Working pressures	Equipment	320 bar	4 500 PSI
	Swing	280 bar	4 000 PSI
	Drive	350 bar	5 000 PSI
Swing speed max.	6.5 rpm		

Cab elevator N2-3600 (option)

Horizontal movement	Max. 6.4 m (21') from original position of the cab
Vertical movement	Max. 10 m (33') operator eye level

Weight

With undercarriage height 4 m, cab elevator, without attachment	92.000 kg	203 000 lbs
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Refill capacities

Hydraulic system	670 l	177 gal U.S.
Hydraulic oil reservoir	310 l	82 gal U.S.
Fuel tank	800 l	210 gal U.S.

Illustrated machines can have optional equipment.
Specifications subject to change without prior notice.



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