

MANTSINEN 110 RCT



Material handling machine
Mobile harbour crane



Mantsinen 110 RCT

Technical specifications

Front equipment

Max. horizontal reach	27 m	88'
Lifting capacity	Approx. 12.5 t / 16 m depending on boom length	28 000 lbs @ 50'

Engine

Type	Caterpillar C 18	
Power	390 kW	530 hp
Number of cylinders	6	
Displacement	18.1 l	1106 cu.in

Undercarriage

Height	4 m to 9.5 m	13' to 31'
Load carrying track length	6.150 mm	20'2"
Track shoes	1.040 mm flat	41"
Drive speed	2 km/h and 3.5 km/h	1.2 and 2.2 mph

Hydraulic system

Oil flow, equipment and drive	2 x 490 l/min	2 x 130 gpm U.S.	
Oil flow, swing	340 l/min	90 gpm U.S., closed loop circuit	
Oil flow, auxiliary circuit	100 l/min	26 gpm U.S.	
Working pressures	Equipment	320 bar	4 500 PSI
	Swing	290 bar	4 100 PSI
	Drive	350 bar	5 000 PSI
Max. swing speed	5.5 rpm		

Cab elevator N2-4300 (option)

Horizontal movement	Max. 7.2 m (23'7") from original location of cab
Vertical movement	Max. 12.6 m (38') operator eye level

Weight

With undercarriage height 5.5 m (18'), without attachment	110.000 kg	236 000 lbs
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Refill capacities

Hydraulic system	995 l	263 gal U.S.
Hydraulic oil reservoir	810 l	214 gal U.S.
Engine oil	80 l	21.2 gal U.S.
Fuel tank	1.240 l	328 gal U.S.

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



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