

# MANTSINEN 100 MHC



**Material handling machine  
Hydraulic harbour crane**

## Mantsinen 100 MHC

### Technical specifications

#### Front equipment

Max. horizontal reach	25 m	
Lifting capacity	Approx. 18 t/10 m	8.5 t/20 m

#### Engine

Type	Isuzu AH-6WG1XYSA-03
Power	397 kW/1800 rpm
Number of cylinders	6
Displacement	15.7 l

#### Undercarriage

Height	3.5 m to 5.5 m
Wheelbase	5.500 mm
Tyres	8 x 16.00 – 25 solid rubber
Axles	80 ton axles with planetary reductions
Turning radius, 2 wheel steering	16.3 m
Turning radius, 4 wheel steering	9,7 m
Drive speed	Max. 8 km/h

#### Hydraulic system

Oil flow	2 x 528 l/min
Working pressures	Equipment 330 bar
	Swing 300 bar
	Drive 350 bar
Max. swing speed	7.3 rpm

#### Cab elevator N2-4300 (option)

Horizontal movement	Max. 7.2 m from original position
Vertical movement	Max. 11.5 m operator eye level with 5.5 m undercarriage

#### Weight

With 5.5 m undercarriage and cab elevator N2-4300, without attachment  
Approximately 110.000 kg

#### Refill capacities

Hydraulic system	790 l
Hydraulic oil reservoir	500 l
Engine oil	57 l
Fuel tank	1.120 l
Auxiliary furl tank (option)	2.000 l

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



**Mantsinen Group Ltd Oy**  
Välikankaantie 3  
FI-80400 Ylämylly  
FINLAND

Your dealer:

Tel +358 13 252 5500  
Fax +358 13 252 5555  
[www.mantsinen.com](http://www.mantsinen.com)