

MANTSINEN 50 MCT



Material handling machine



Mantsinen 50 MCT

Technical specifications

Front equipment

| | | |
|-----------------------|----------------------|------------------|
| Max. horizontal reach | 20 m | 65' |
| Lifting capacity | Approx. 7.5 t / 12 m | 16 500 lbs @ 40' |

Engine

| | | |
|---------------------|-----------------|-----------|
| Type | Caterpillar C-9 | |
| Power | 195 kW | 265 hp |
| Number of cylinders | 6 | |
| Displacement | 8.8 l | 537 cu.in |

Undercarriage

| | | |
|-------------|----------------------------------------|---------------|
| Height | 2 m to 3.5 m | 6'7" to 11'6" |
| Wheelbase | 3.450 mm | 10'10" |
| Axles | 70 ton axles with planetary reductions | |
| Drive speed | Max. 12 km/h | 7.5 mph |
| Tyres | 8 x 12.00-24 solid rubber | |

Hydraulic system

| | | | |
|-------------------|---------------|-----------------|-----------|
| Oil flow | 2 x 280 l/min | 2 x 74 gpm U.S. | |
| Working pressures | Equipment | 350 bar | 5 000 PSI |
| | Swing | 280 bar | 4 000 PSI |
| | Drive | 350 bar | 5 000 PSI |
| Swing speed max. | 10 rpm | | |

Cab elevator N1-2400 (option)

| | |
|-------------------|--------------------------------------|
| Vertical movement | Max. 7.5 m (24½') operator eye level |
|-------------------|--------------------------------------|

Weight

| | | |
|-------------------------------------------------------------------|-----------|-------------|
| With undercarriage height 2.5 m, cab elevator, without attachment | 52.000 kg | 115 000 lbs |
|-------------------------------------------------------------------|-----------|-------------|

Refill capacities

| | | |
|---------------------|-------|--------------|
| Hydraulic system | 410 l | 108 gal U.S. |
| Hydraulic reservoir | 315 l | 83 gal U.S. |
| Fuel tank | 618 l | 163 gal U.S. |

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



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