- Lift height: 29.70 m
- Max. reach: 25.50 m
- Engine: 216 HP – 159 kW
- 4 wheel drive and steering
- Hydrostatic transmission with a powershift gearbox
- Suspended chassis
MRT 3050 PRIVILEGE

- Lift capacity ........................................ 4999 kg
  at 500 mm from fork heads
- Lift height (on stabilizers) .......................... 29.70 m
- Tyres .................................................. 17.5 R 25
- Forks (mm) ........................................... 1200
  Length ..............................................
  Width x thickness ................................ 150 X 50
- Oil-bath multidisc brakes hydraulically assisted
  on both axles
- Negative parking brake

PERKINS Engine
- Type .................................................. 1106DE66TA - Euro3
- Capacity ............................................. 6 cyl. 6600 cm³
- Power (ISO/TR 14396) ................................ 216 HP/159 kW
  932 Nm at 1400 rpm
- Water cooling
- Common-rail injection

Power-regulated hydrostatic transmission
- with a powershift gearbox
  (hydraulic variable-displacement pump
  and variable-capacity hydrostatic motor)
- Reversing shift ......................................
  electromagnetic
- Gearbox .............................................
  powershift
- Travel speed ....................................... 40 km/h*
  * this speed may be limited by local regulations

Electronically controlled hydropneumatic suspension
- Lateral (8°) and longitudinal (3°)
  Oscillating rear axle with automatic hydraulics lock
  when rotated (>15°)

4 triplex telescopic stabilizers
- simultaneously or individually controlled

Total and continuous rotation
- Turret mounted on a double slew ring
- Hydraulic swivel joint
- Electrical rotating connector

Hydraulics
- Piston pump: variable displacement (Load Sensing)...270 bars/165 l/min
  gear pump ........................................ 220 bars/74 l/min

Controls: 2 electro-hydraulic proportional control
- Joysticks for all hydraulic movements

Capacities
- Cooling system ................................... 26 l
- Engine oil .......................................... 15.5 l
- Hydraulic oil ...................................... 285 l
- Fuel tank ......................................... 310 l
- Weight unladen (with forklift) .................. 22860 kg
- Overall width ..................................... 2.50 m
- Overall height ................................... 3.26 m
- Overall length (without forklifts) .............. 8.10 m
- Ground clearance ................................. 0.42 m
- Drawbar pull ...................................... 10500 daN

Standard load moment indicator (mobile crane standards)

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This specifications contained herein shall not bind the manufacturer and are subject to change without notice.
The equipment described in this brochure is standard, optional or accessories, depending on the versions.
For recent details, contact your Manitou dealer.