MDT 809

Higher capacity.
Lower operating costs.

Three versions available:
Max. Load: 25 t (27.6 USt), 32 t (35.3 USt) and 40 t (44.1 USt)
Max. Radius: 80 m (262 ft)
CCS control system

11 jib lengths between 30 m and 80 m, in 5 m increments

Topless design

Two types of trolleys (according to model): 1C/2C or SM/DM equipped with a trolley rope tensioning system. Radii recalibrated automatically

Ergonomic Ultra View cab with CCS control unit

New reinforced mast sections KM/KMT 850.14, for very high working heights and existing mast sections 2.45 m K850

Topless design

Maximum hoisting speed from 80 to over 210 m/min. New HPL hoisting winch available on the 25 t and 32 t versions

Telescopic cage T 851 has all of the latest technical and ergonomic developments (belaying points, system for helping in securing balancing, etc.)

1kVA
Power Control
Top Site
Top Tracing 3

Potain Plus

Experience the revolution at:
WWW.MANITOWOC.COM
THE TOPLESS CRANE WITH THE HIGHEST CAPACITY
Developed for industrial projects and large-scale infrastructure jobs

Groundbreaking performances for a Topless
- Specific design based on the Topless concept, with low space requirements to adapt to multi-crane job sites
- High working heights obtained through newly developed installation bases and mast sections:
  - Reinforced fixing angles P 854A
  - Cross-shaped base ZY 854, 8 m crane footing with equivalent performance to 10 m chassis, but at a lower cost
  - Reinforced mast sections KM/KMT 850.14, 5 m and 10 m
  - Mast section fleet management optimized through reuse of standard mast section K850 2.45 m
- Integrated CCS control system
  - Ergonomic control unit for crane driver comfort and productivity
  - Greater hoisting capacities generated by the Potain Plus function
  - Driving mode customization (limiting speed, sensitivity when operating, etc.)
  - Optimized maintenance with CraneSTAR Diag to carry out remote diagnostics

Optimized and economical transport
- Compact size and limited weight of each of the crane elements:
  - Foldable counter-jib (12 m long package including the extension)
  - Towerhead and cab assembly transportable as one block
  - Jib elements packaged head to foot easily through dedicated supports
  - Foldable platforms on the jib foot
  - Cross-shaped base ZY 854 sized for a single container

Fastest 40 t tower crane assembly
- Simple and rapid unfolding of the ballast cage
- Wired towerhead/cab assembly fitted just once (no inter-site dismantling)
- Cathead/jib foot is single element
- Modular jib without tie bars: several configurations are possible; lighter package weights with quick and easy handling
- Cross-shaped base comprised of a main girder and 2 half cross-girders connected easily using pins
- Handling of elements in complete safety: designated sling points on each element and sling points with different forms for the handling of multiple parts (jib sections, towerhead/cab package, etc.) make lifting easier and secure
- Belaying points with specific shapes allow technicians to attach their safety harnesses easily during fitting
- Quick and easy commissioning, adjustment of safety devices done in cab on the CCS screen

Metro stations
Urban areas
Metro stations
Shipyards
Bridges
Mining sector

11 convoys at the most for transportation of the whole slewing crane part with a 80 m jib.