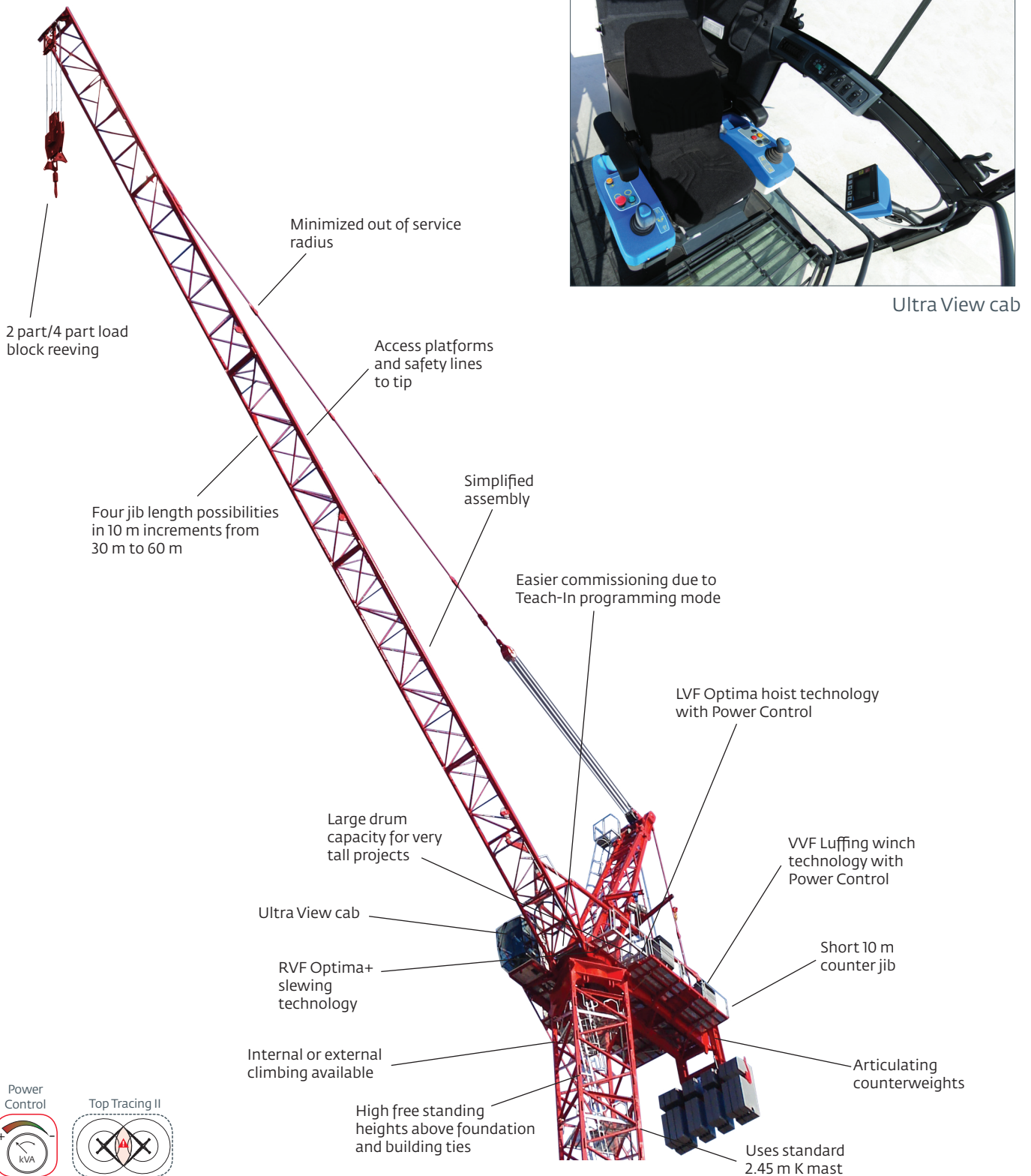# POTAIN®
by Manitowoc

MR 608

Maximum capacity: 32 t
Maximum operating hook radius: 60 m
Maximum capacity at 60 m: 9 t
Maximum line speed: 204 m/min
2 part / 4 part load block reeving

Ultra View cab

2 part/4 part load block reeving

Minimized out of service radius

Access platforms and safety lines to tip

Four jib length possibilities in 10 m increments from 30 m to 60 m

Simplified assembly

Easier commissioning due to Teach-In programming mode

LVF Optima hoist technology with Power Control

Large drum capacity for very tall projects

VVF Luffing winch technology with Power Control

Ultra View cab

RVF Optima+ slewing technology

Short 10 m counter jib

Internal or external climbing available

Articulating counterweights

High free standing heights above foundation and building ties

Uses standard 2.45 m K mast

Power Control

Top Tracing II

Benefits

New mechanisms

- 150/180 LVF 80 or 270/320 LVF 80 hoist options available
- 2 part / 4 part load block reeving
- Smooth movements due to frequency control technology
- Extremely accurate and reactive luffing movements through VVF technology
- Very high speed, high capacity hoist winches maximize productivity at very tall working heights
- Ultra View cab provides outstanding visibility with first-rate comfort

Smart design

- Improved technician access to mechanisms and electrical panels
- Optimized counter jib length, 10 m and articulating counterweight minimize out of service radius
- Standard service derrick allows handling of mechanism components on machinery deck
- Simplified assembly, commissioning and maintenance phases maximize uptime
- One type of counterweight 6 t used with all jib combinations
- Minimized weights for transportation and assembly of components

On-board computer

- Easier commissioning with Teach-In programming mode
- Improved man to machine interface through modern control system
- Simplified maintenance through fault stack readout
- Secured sensors and switches ensure a high level of safety
- Optional Top Tracing II (WADS + crane interface control) that informs the operator of obstructions and obstacles within the working area
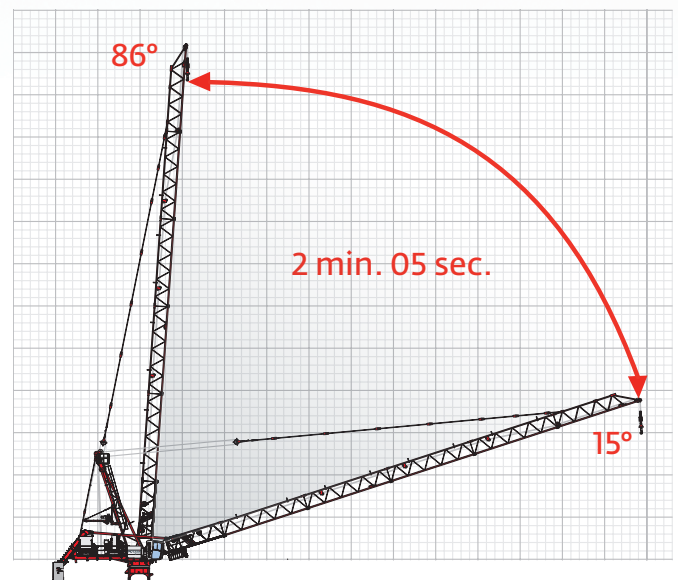
LVF Optima hoist system

Electrical network	400 V - 50 Hz		480 V - 60 Hz	
Winch	150 LVF 80 Optima	270 LVF 80 Optima	180 LVF 80 Optima	320 LVF 80 Optima
Max. speed	123 m/min	204 m/min	123 m/min	204 m/min
Lifted load	3.1 t	2.4 t	4.2 t	4.1 t
Drum capacity	968 m	1046 m	968 m	1046 m

- High-speed hoisting winches with large drum capacity
- Optimized speed depending on the load
- Automatic detection of the electrical network
- Power Control function for reduced electrical demand
- No gearbox

VVF luffing system

86°

2 min. 05 sec.

15°

RVF Optima+ slewing system

- Slewing speeds up to 1 rpm