

## 75 hp, High Performance Lifting<sup>™</sup>

Hoisting winch available in four versions

75 HPL<sup>™</sup> 25: maximum load 10 t

75 HPL<sup>™</sup> 30: maximum load 12 t

75 HPL<sup>™</sup> 35: maximum load 14 t

75 HPL<sup>™</sup> 40: maximum load 16 t

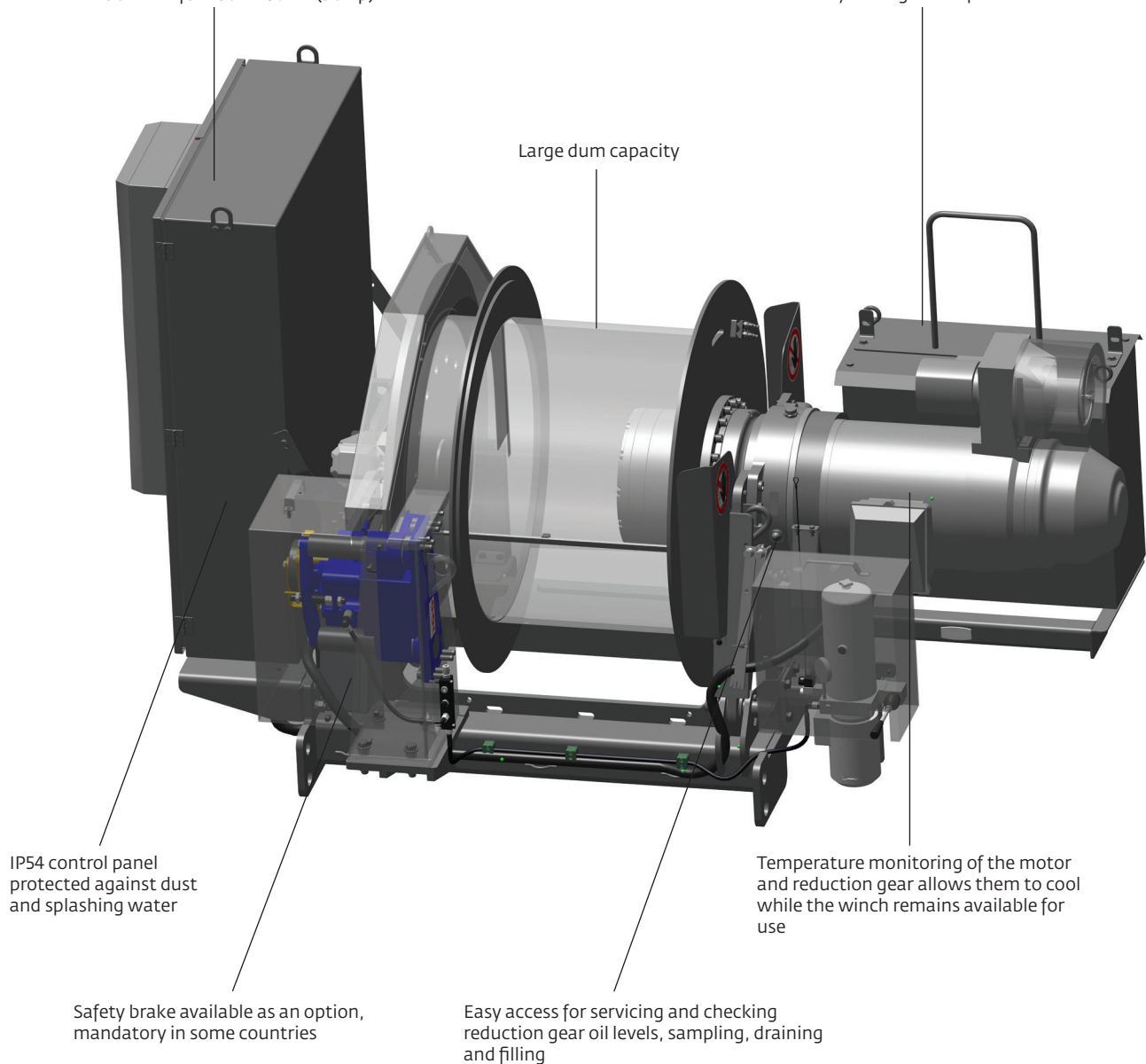
Suitable for GME cranes with or without CCS

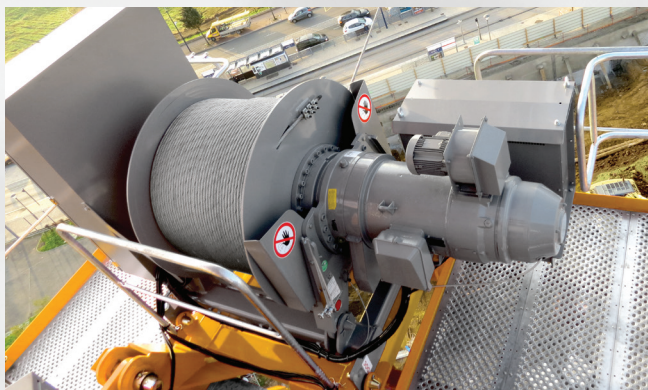
Automatic detection of the electrical network

Winch power optimized:

- 75 HPL<sup>™</sup> for 400 V - 50 Hz (75 hp)
- 90 HPL<sup>™</sup> for 480 V - 60 Hz (90 hp)

Standardized components for all four versions of the 75 HPL<sup>™</sup> results in a simpler spare part inventory management process



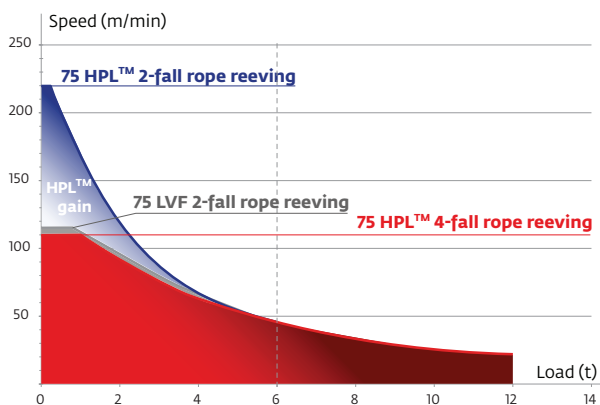


## Increased productivity

- Increased hoisting speeds for quick load handling and shorter hoisting cycles

Winch	Maximum load	Maximum speed	Drum capacity
75 HPL™ 25	10 t	215 m/min	956 m or 834 m (depending on model)
75 HPL™ 30	12 t	220 m/min	845 m or 742 m (depending on model)
75 HPL™ 35	14 t	198.5 m/min	754 m
75 HPL™ 40	16 t	167 m/min	539 m

- Greater speed range for working in four-fall configuration with a high level of productivity



- Increase of intermediate speeds by 20% on the 480 V - 60 Hz network. Winch power optimized, automatically adapts to the electrical network: 55 kW for 400 V - 50 Hz and 66 kW for 480 V - 60 Hz
- Power supply required to operate the crane similar to that obtained with the equivalent 75 LVF winch
- Power Control function reduces the maximum power of the winch for crane operation using a lower power supply

## Optimal operation

- Smooth and precise operation thanks to new service brake controls
- Increased hoist control due to improved reaction of the winch in the brake delay phase
- Monitoring system ensures consistency between control and current speeds

## New control panel

- Two-door IP54 control panel
- Reinforced anti-corrosion treatment and stainless steel accessories
- Fan equipped with filter maintains a slight overpressure of air to prevent the infiltration of particles
- Optional air conditioning unit available

## New winch architecture

- Easy-to-access components
- Larger platforms and secure access points when the crane is in service
- New hoist rope reeving on MDT cranes for longer life (unwinds from the bottom of the drum)
- Low vibrations enhance crane operator comfort
- Low noise levels for a quiet surrounding area (maximum sound power level of 92 dB(A))

## Reduced maintenance

- Temperature monitoring of the motor and reduction gear helps to increase service life. Temperatures displayed on the CCS screen inside the cab.
- Optimized motor cooling with automatically activated ventilation above 80 °C
- Optional filter installed on the motor ventilation air inlet limits dust intrusion
- Oil level easily checked by an eyecup installed on the reduction gear
- Service brake wear reduced due to operating mode

