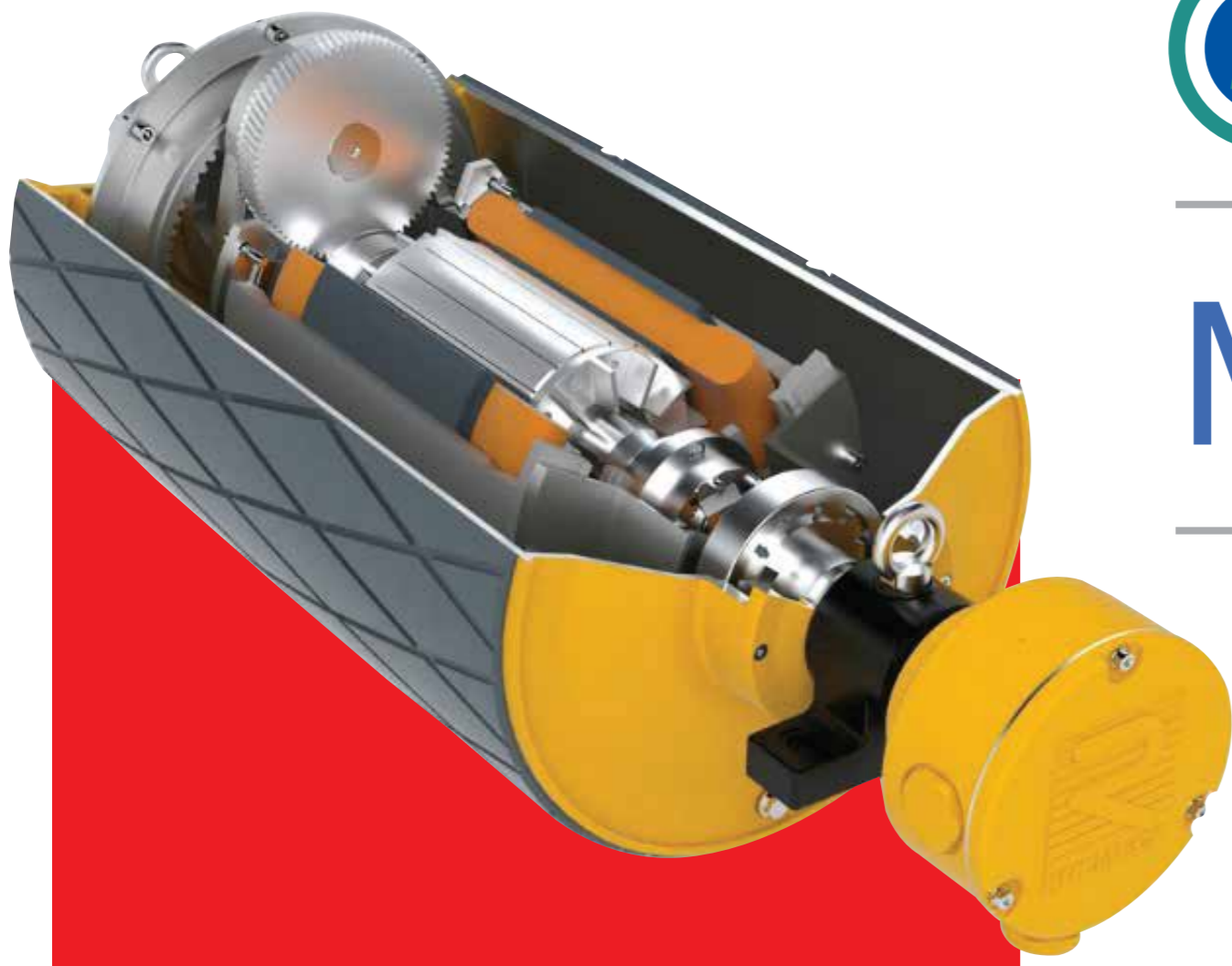




RULMECCA
MOVING AHEAD



MOTORIZED PULLEYS

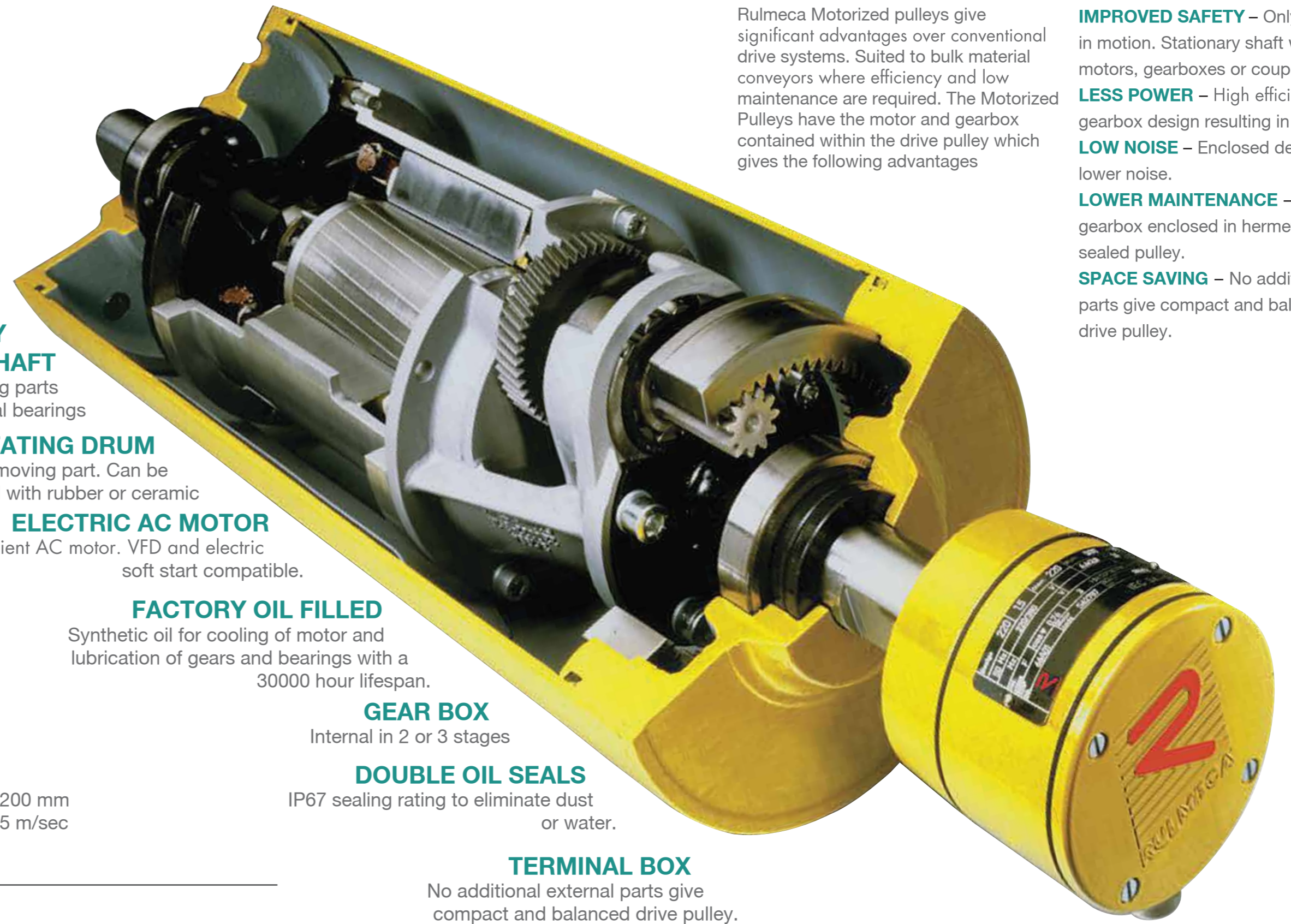


**LOW
MAINTENANCE**

**HIGH
EFFICIENCY**

**IMPROVED
SAFETY**

**FIT &
FORGET**



Rulmecca Motorized pulleys give significant advantages over conventional drive systems. Suited to bulk material conveyors where efficiency and low maintenance are required. The Motorized Pulleys have the motor and gearbox contained within the drive pulley which gives the following advantages

- IMPROVED SAFETY** – Only external drum in motion. Stationary shaft with no external motors, gearboxes or couplings.
- LESS POWER** – High efficiency motor and gearbox design resulting in lower losses.
- LOW NOISE** – Enclosed design results in lower noise.
- LOWER MAINTENANCE** – Motor and gearbox enclosed in hermetically sealed pulley.
- SPACE SAVING** – No additional external parts give compact and balanced drive pulley.

STATIONARY EXTERNAL SHAFT

No additional external moving parts or external bearings

ROTATING DRUM

Only external moving part. Can be lagged with rubber or ceramic

ELECTRIC AC MOTOR

Efficient AC motor. VFD and electric soft start compatible.

FACTORY OIL FILLED

Synthetic oil for cooling of motor and lubrication of gears and bearings with a 30000 hour lifespan.

GEAR BOX

Internal in 2 or 3 stages

DOUBLE OIL SEALS

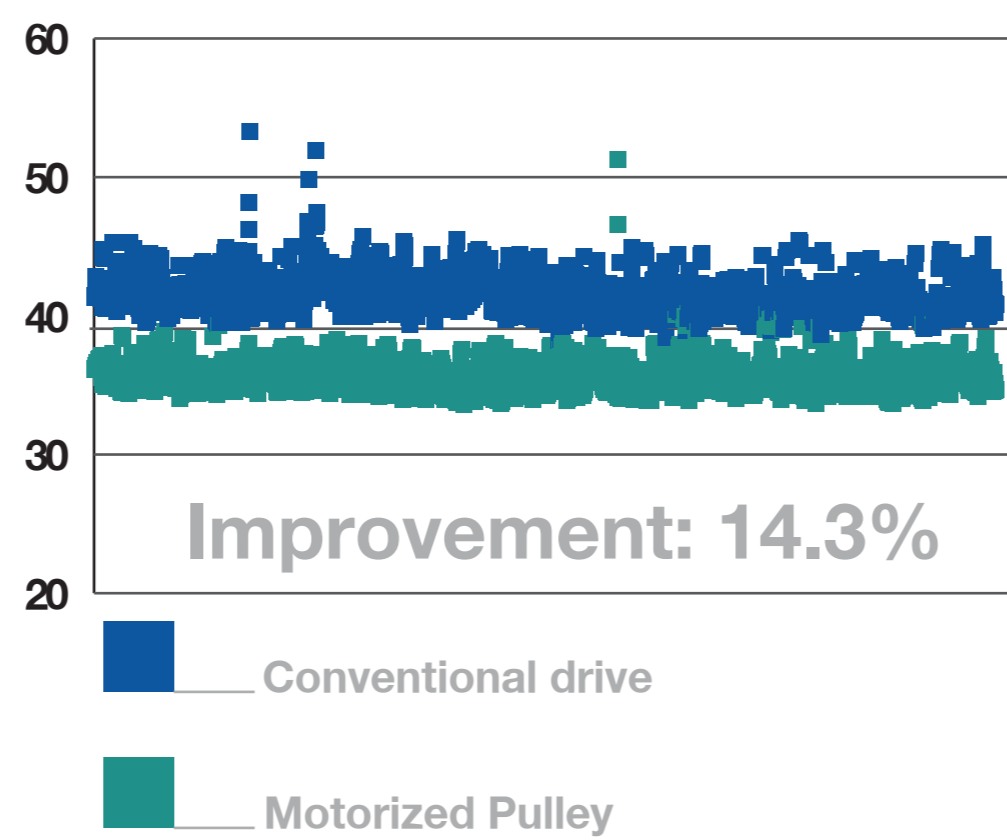
IP67 sealing rating to eliminate dust or water.

TERMINAL BOX

No additional external parts give compact and balanced drive pulley.

CASE STUDY

Product conveyed : Coal, 1200 mm BW, 90 kW, Belt Speed : 2.5 m/sec



SPACE SAVING
No external parts saves space and balances loads



BEFORE



AFTER



SIZE RANGE >

Diameter 138 mm - 1000 mm
Power 0.1 kW – 250 kW
Belt speed 0.04 – 5.5 m/s

Voltage 115V to 1000V
Phase Single & 3 phase
Frequency 50&60 Hz (VFD)

