

MCA ENGINEERING GROUP PROVIDES A WIDE RANGE OF ENGINEERING, FABRICATION, MECHANICAL, CIVIL AND INSTALLATION AND CONSTRUCTION SERVICES TO THE MINING INDUSTRY

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# 25 000kg Winder

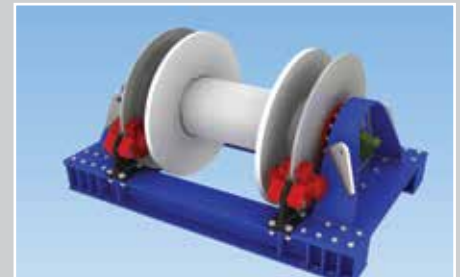
Optimal solution in shaft maintenance and egress systems.

Underground mining depends critically on the capability, reliability and safety of the hoisting equipment. MCA Engineering Group have designed and manufactured a 25 Tonne Winder that assures the highest level of safety coupled with maximum performance.

MCA Engineering Groups MCA-HT-25-W winder was designed to meet a clients' requirement of having a shaft maintenance winder as well as a unit that could also provide Emergency Egress. Therefore the winder's main purpose is shaft maintenance including rope changes, bridal and skip changes with the option of man riding.

The winder drum is driven by a variable displacement hydraulic motor via a reduction gearbox mechanism. In turn the hydraulic motor is driven by either a diesel or electric motor. This solution gives huge torque with exceptional control.

With a customer focused design the 25 Tonne winder is your optimal solution in shaft maintenance and egress systems - Available for hire or sale along with a range of other sizes and capabilities.



## Specifications

Drum Type	Smooth
Drum Dia	605mm
Drum Width	1782mm
Drum capacity rope size	2000m x 32mm
Working capacity	1994m x 32mm
Recommended drum/Dia ratio	1595m x 32mm ratio 19.9
Freeboard ANSI A10.22	50mm
Minimum distance to sheave	35m
Maximum distance to sheave	100 m
False check plates	Yes
Weight	7300 KG
Maximum speed	22 RPM 1000mm per second
Minimum crawl speed	300mm per minute
Brake Paths	Two
Brake ware indicator	Yes
Brake path one multi disk pack	Fail Safe
Brake path two disk	Fail Safe
Line stall load at drum	35000kg
Load hold while hydraulic lock	25000kg
Max operating pressure	400 Bar
Number of hold down bolts	16 x 30mm



Our experienced management team includes the skill set and experience to allow MCAE Group to provide total industry solutions to our customer base in the mining industry. Together with our team of key personnel including tradesmen, engineers and specialist suppliers we provide industry specific companies with total solution outcomes.

MCAE Group understands the full range of the engineering service industry's requirements and as a result we are a performance driven company. MCAE Group provides construction engineering support with full back up and planning for Safety, Environment and Quality.