

## ALMINCO MANTIS

Quarry Mining & Construction Equipment is the designer, manufacturer and supplier of the Alminco Mantis (Mantis).

### SPECIFICATIONS:

**Closed Height:** 1450mm

**Extended Height:** 3400mm

**Stroke:** 1950mm

**Performance:**

Maximum lifting capacity 720kg (stage 1), 500kg (stage 2)

**Weight:**

25kg with ergonomic bottom and grab handle lifting points.

- ✓ **OEM** – Quarry Mining & Construction Equipment is the OEM of Alminco products.
- ✓ **Australian Designed and Manufactured** at Quarry Mining's Beresfield facility.
- ✓ **Robust Design** – Produced with high quality materials designed for the mining and construction industries.
- ✓ **Service** – Full parts list and back-up service and repairs available from the OEM.
- ✓ **Documentation** – A comprehensive plant safety file is available including reports and training documents.
- ✓ **Support** – For more information or a demonstration, contact your Quarry Mining Technical Representative.



**FUNCTIONAL DESIGN:** The Mantis is portable pneumatic plant used to temporarily lift and retain mesh against the roof/back, ribs/face/sidewall or act as a sprag between two fixed surfaces to improve safety and efficiency of operations.

**MODELS:** The standard model has a three-stage air leg, Mantis head plate and fixed foot. Optional features are a dynamic foot and extended head.

**DESIGN FEATURES:** Light weight and robust. Structural plant components are made from steel and a filament wound Glass Reinforced Plastic (GRP) material air leg (proven in the Alminco roof bolter). Design features are a bottom sealing plate assembly with over pressure relief, rigid steel foot spike, leg tube assembly pressure tested to FOS of 3:1, top leg clamp controller assembly with simple control lever, FRAS hose (suitable for underground coal), four-pronged/spiked Mantis head and non-dumping check valve safety feature.

