AL-503
Mini concrete spraying system

For mining and small tunnels
Modular concept
Air, electric, diesel driven
Very flexible concrete spraying
The mini concrete spraying system AL-503 is a handy mechanized concrete spraying tool, especially designed for mines, small stopes and pits. The unit consists of the telescope spraying arm AL-302 mounted on a tracked carrier. For flame proof operation the diesel motor of the carrier is replaced by an air motor.

### Technical Data

**Dimensions:**
- Transport length: ~2.3 m
- Transport width: ~1.2 m
- Transport height: ~2.1 m
- Weight: ~1,900 kg
- Rotating radius: 1.9 m
- Ground clearance: 130 mm
- Outriggers: 2.7 m
- Max. spraying height: 8 m
- Max. Length: 7 m
- Min. Length: 2 m
- Stroke arm: 3 m
- Spraying angle: 240 °
- Nozzle angle: 360 °
- Remote control: electric (cable 15 m)

**Drive:**
- Gears: 4 / 3 forw / rev
- Speed min.: 1.6 km/h
- Speed max.: 7.4 km/h

**Diesel motor:**
- Motor output: 7 kW (9.5 HP)
- Volume: 443 cm³
- Cooling: water

**Air motor:**
- Motor output: 7.5 kW (10 HP)
- Air pressure: 4,4 bar
- Air consumption: 10 m³/min

**Hydraulic unit:**
- Electric motor
  - Oil pressure: 210 bar
  - Oil quantity: 28 l/min
  - Motor output: 7.5 kW
- Air motor
  - Oil pressure: 210 bar
  - Oil quantity: 23 l/min
  - Motor output: Air motor from carrier

Technical and design modifications remain reserved at all times. Technical properties have been achieved under theoretical and normal conditions. Please consult the respective machine manual for all matters related to operations and maintenance.

For us a matter of principle

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