



# BUSH COOLER

## MOBILE COOLING UNIT

On-site cooling unit for the precooling of bushes, shafts and other interference fit components.

### SYSTEM SPECIFICATIONS:

- **Power Supply:** 380VAC, 3Φ, 50 Hz or, 230VAC, 1Φ, 50 Hz
- **Cooling Capacity:** 38 kW on startup, reducing to 4.5 kw @ -40°C
- **Performance:** Unit can cool a 500 kg metal component from +40°C to -40°C in 2 - 6 hours.
- **Cooler Int. Dimensions:** 1200 x 1200 x 1200 [mm]
- **Max Size of Bush/Shaft:** 1000 x 1000 x 1000 [mm]
- **Overall Size:** 3500L x 2000W x 2800H (mm)
- **Weight (trailer version):** ± 1300 kg

### SYSTEM DESCRIPTION:

- Convenient and cost effective mobile freezer room designed to safely precool and shrink bushes and shafts for large rotating equipment, prior to installation.
- Ideal for the manufacture, maintenance or repair of mining equipment.
- Efficient and reusable cooling unit eliminates the need for hazardous consumables like liquid nitrogen and dry ice, thereby reducing cost and downtime.
- Capable of cooling components down to -40°C in a +40°C ambient.
- Rugged design is able to withstand harsh environments.
- The Bush Cooler is available in skid mounted or trailer mounted versions.

