

# ATLAS GD 5K MW

## Parachute Ground Disconnect

The Parachute Ground Disconnect is a mechanism that separates the parachute from its cargo upon delivery. This eliminates the possibility of the cargo being dragged or tipped over in high winds and/or adverse weather conditions. The mechanism is designed to release the cargo when it senses reduction in the suspended weight of the cargo upon ground impact. To prevent premature release during the parachute deployment phase, a user-adjusted 10 to 20 second timer is set (the time delay allows the parachute and cargo to stabilize). Once the timer stops, the unit is armed and sensing mechanisms are activated.

The rugged features, reliability and most importantly, the purely mechanical inner workings (no pyrotechnics or electronics involved) make the Airborne Systems' Atlas GD 5K MW (for weights from 500 to 5000 lb) the ideal choice for ground disconnects.

### Additional Features:

#### Rapid, easy rigging

No requirements for specialized connection hardware.

#### Simple to use

Set the timer and the unit is ready to go. Reset the timer and close the jaw to prepare for another deployment.

#### Maintenance

No regular repair or overhaul required.

#### Water and corrosion resistant

Stainless steel and hard bronze construction and sealed design prevent water and corrosive agents from contacting mechanical parts.

#### Reliable and rugged

Meets in-service requirements for acceleration, vibration, shock, sand and dust as well as temperature extremes.

#### Compact - Fits in you pocket.



*Atlas GD 5K MW & Link Assemblies*

TECHNICAL DATA	
Item	Specification
Part Number:	ID-64-263
Weight:	3 lbs (1.4 kg)
Size:	4 x 3.5 x 1.15 in (102 x 89 x 30 mm)
Payload:	500–5000 lb (230–2900 kg)
Operating Temperature Range	-60° F/+ 160° F

#### Unlimited shelf life

The 100% mechanical operation means no batteries to replace, fluid to refill, or pyrotechnics to re-certify. Just blow with compressed air and wipe clean for storage.

This data sheet is for information only and shall not form part of a contract

Atlas GD 5K MW 090202

© 2009 Airborne Systems - All Rights