

# Protects valuable equipment and machinery

*Designed as a back up device to completely stop a dropping load if it breaks free from the main support line!*



- Compact and cost effective load arrestor.
- Designed to completely stop a dropping load if it breaks free from its main support line.
- Speed sensing/energy absorbing internal brake - keeps forces to a minimum and reduces clearance requirements arresting a fall immediately.
- 12 metre self retracting galvanised cable.
- Includes fall indicator on cable termination and optional big opening karabiner on housing.
- Reduced fall arrest distance.
- Small impact force on structure.
- Robust and durable design; maximum 60 cycles per day, revision after 7000 cycles.
- Protects loads up to 300kg.
- Fully serviceable.
- CE certified ascending machine directive 98/37 CE.



# AD412/300 - JRG Load Arrestor



## Protect critical components and heavy loads

The PROTECTA Load Arrestor is ideal for use as a back up safety device in conjunction with lifting equipment such as cranes and hoists. The Load Arrestor has been specifically designed as a cost effective and compact unit for applications up to 300kg. It is ideal for building, construction, factories and to secure basketball board, pallet loader, light beam and anywhere where heavy parts have to be handled and secured, and where traditional load arrestors are far too costly and oversized.

**Back-up Protection** The Load Arrestor provides independent protection that will arrest the fall of a load in the event of the primary system failing. Being completely independent of the primary lifting system, it reduces the risk of equipment damage and protects personnel in and around the danger zone. **Note:** *This device is used for arresting material loads only, it is not intended for personnel use.*

**Engineered for Added Safety** The Load Arrestor is engineered to completely stop a dropping load. In the event of a failure of the primary lifting device that allows the load to fall or descend too quickly, the arrestor senses a descent speed in excess of 1-1.5 metres per second and automatically engages an internal inertia-activated mechanical brake that acts on the rope drum. This decelerates and stops the lowering of the suspended load within maximum 1.20m and limit the shock forces to less than 6kN.

Note: This device should be sent to an accredited service agent following a fall for re-certification.

**Easy Operation** The Load Arrestor is installed adjacent to the primary lifting device and fixed to a suitable anchorage point having a minimum resistance of 15kN. Its retractable steel cable is then secured to the load. The wire rope is attached to the arrestor via an internal spring loaded drum that keeps the rope under a constant light tension yet allows unrestricted movement of the protected load.

MODEL AD412/300



AJ545 Karabiner



Fall indicator end termination

## Specifications:

**Part Number:** AD412/300. **Maximum Load:** 300kg. **Minimum Load:** 30kg. **Cable length:** 12 metres. **Cable Diameter:** 5mm galvanised. **Cable End Termination:** Swaged thimble eye. **Minimum Breaking Strength:** 15kN. **Brake Activating Speed:** 1-1.5 metres per second. **Maximum Stopping Distance:** 1.20 metres. **Housing:** High resistance polyamide. **Karabiner:** AJ545, 50mm opening. **Weight:** 6.4kg. **Size:** 222mm diameter x 108mm thick. **Standards:** CE ascending machine directive 98/37 CE, certified by independent laboratory APAVE. **Special Instructions/Conditions of Use:** Reading user instruction manual prior to use is essential.

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