Tractel®
technical sheet

BLOCMAT® 250
material load arrestor

ref.: T-4117
revision: 6
date: 06/2018

The blocmat® 250 material load arrestor has been designed to secure suspended loads. Should the load fall down, then the blocmat® will hold the load in suspension.

The blocmat® 250 is a retractable load arrestor. The length of the wire rope is adjusted automatically by a tensioning and retraction system. The locking function is provided by two catches which engage in a ratchet wheel by the operation of centrifugal force caused by the acceleration of the load. The function which absorbs the shock when the load is stopped is provided by a multi disc braking system.

The blocmat® 250 is attached to a structure through a connector or a fixing bracket for tube ø1 in. (52 mm).

A non sparkling version is available as an option.

The blocmat® must be used in vertical position and the anchor point must be calculated to support a vertical force of 2,250 lbs. (10 kN) for 550 lbs. (250 kg).

⚠ WARNING
The blocmat® must be reconditioned immediately by a service center after the unit has arrested a fall.
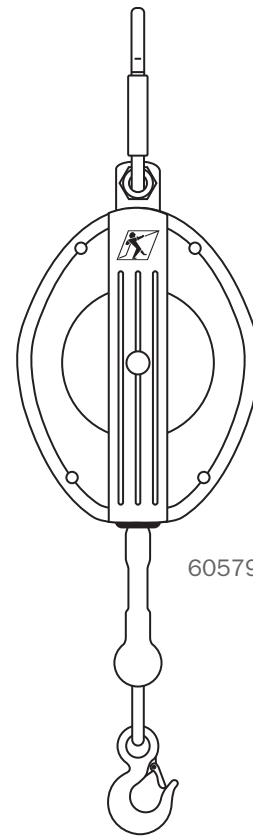
FEATURES
- Limited free fall height
- The fall is stopped gradually
- Minimum dead weight
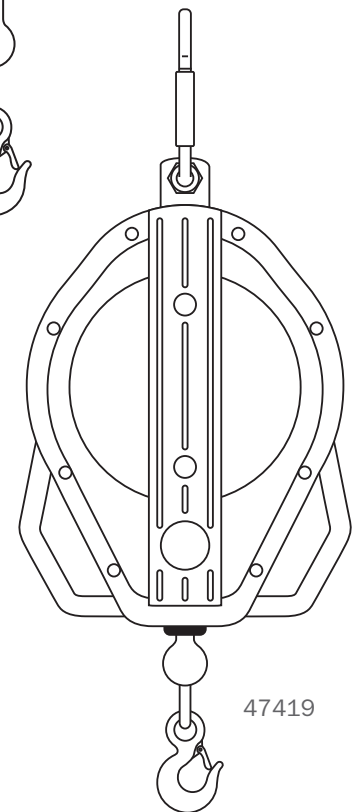- Handles for transport
- Minimum maintenance costs

AVAILABLE MODELS
- **60579** 30 ft. (10 m) Blocmat 250
- **47419** 50 ft. (15 m) Blocmat 250

60579

47419

SPECIFICATIONS	60579	47419
WORKING LOAD LIMIT	550 lbs. (250 kg)	
WEIGHT	13 lbs. (6 kg)	33 lbs. (15 kg)
WIRE ROPE Ø	ø³⁄₁₆ in. (ø4.7 mm) (7 x 19 galvanized)	ø¹³⁄₆₄ in. (ø5 mm) (18 x 7 non-rotating)
WIRE ROPE BREAKING FORCE	5,000 lbs. (22 kN)	
MAX HOOK STROKE	30 ft. (10 m)	50 ft. (15 m)
LENGTH	25⁹⁄₁₆ in. (650 mm)	30⁵⁄₈ in. (778 mm)
WIDTH	7⁷⁄₈ in. (200 mm)	12⁹⁄₁₆ in. (320 mm)
DEPTH	3 in. (75 mm)	5⅛ in. (130 mm)
BRAKING DISTANCE	29.5 in. (750 mm)	
MAX SPEED	114.8 ft./min (35 m/min)	
REQUIRED STRUCTURE	2,250 lbs. (10 kN)	
NUMBER OF CYCLES BEFORE REPLACEMENT	10,000	

Specifications are subject to change without notice. Images are for illustrative purposes only.