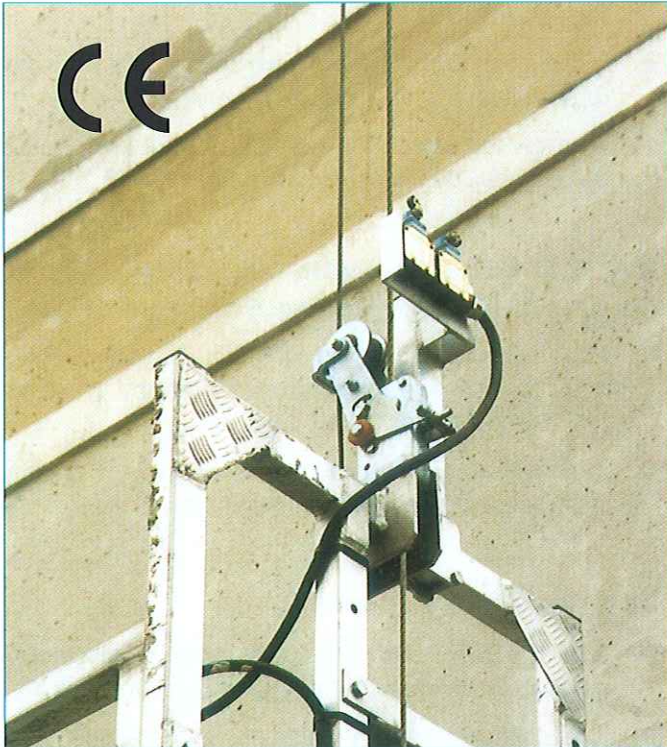


blocstop[®]

Safety device

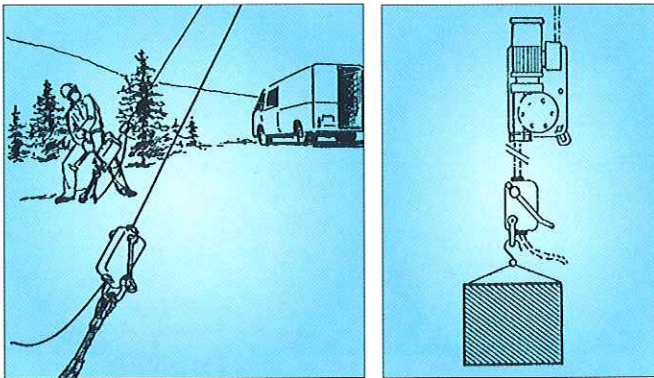


Blocstop®

Safety device

As well as being sound safety management, regulations require you to ensure that your equipment for lifting personnel or loads is safe.

«BLOCSTOP» safety systems meet the most exacting safety requirements and can be easily adapted to numerous types of applications.



Decisive advantages

- ◆ The “TIRFOR” type jaw unit fitted in the BLOCSTOP closes on the suspension or secondary wire rope. It grips over a large contact area, causing no damage to the wire rope.
- ◆ Automatic operation of the clamping mechanism.
- ◆ Its operation can be tested at any time by closing the jaws manually (except for the BSA version)
- ◆ Wide range of models.

Operating principles

Blocstop BS (manual opening)

- ◆ The Blocstop BS slides along the wire rope in the direction opposite to that in which the jaws close (eg : lifting)
- ◆ In the other direction, the jaws clamp onto the wire rope and stop it moving (eg : lowering).
- ◆ To allow the load to be lowered, the Blocstop must be unlocked by releasing the lever.

Blocstop BSA (automatic operation)

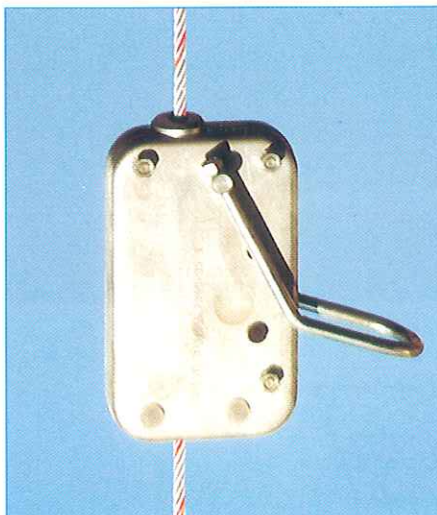
(designed specifically for suspended platforms)

- ◆ The Blocstop BSA operates automatically when there is slack wire rope, caused either by breaking of the wire rope or there being no load
- ◆ It provides anti-sloping protection, limiting the incline of the platform to a maximum of 14%.

Blocstop BSO (overspeed)

- ◆ The Blocstop BSO is an automatic fall arrest device which reacts to the speed of movement.
- ◆ It can either be mounted directly on the suspension rope or on a separate secondary rope (in accordance with current European legislation).
- ◆ A centrifugal device continuously monitors the speed at which the wire rope passes through the Blocstop and automatically triggers the closing of the jaws on the wire rope as soon as the speed exceeds a given threshold.

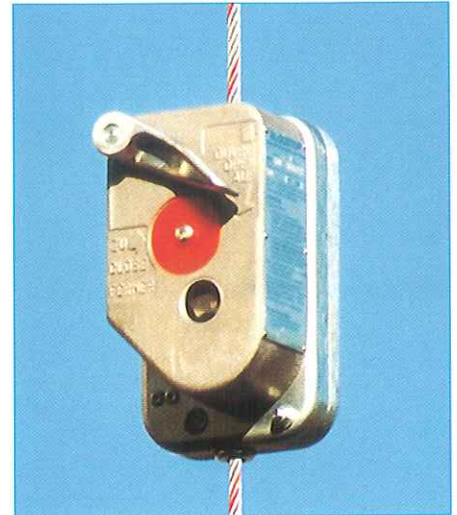
Blocstop® BS manual
500 to 3200 kg



Blocstop® BSA automatic
600 to 3200 kg

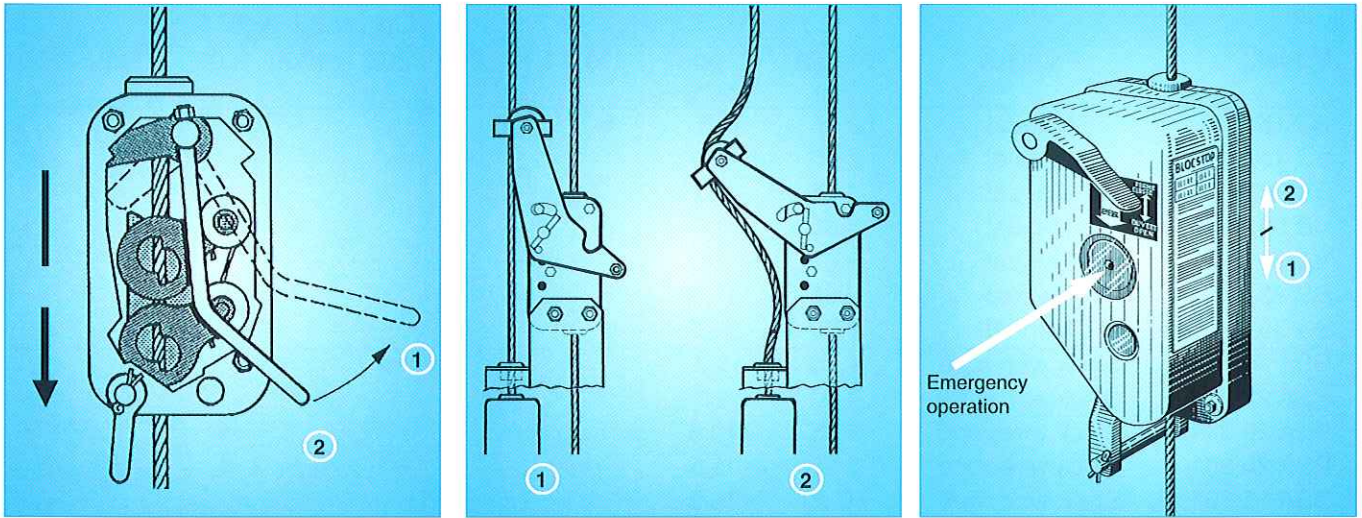


Blocstop® BSO overspeed
300 to 3000 kg



Method of activation

- 1 In open position
- 2 Holding the load

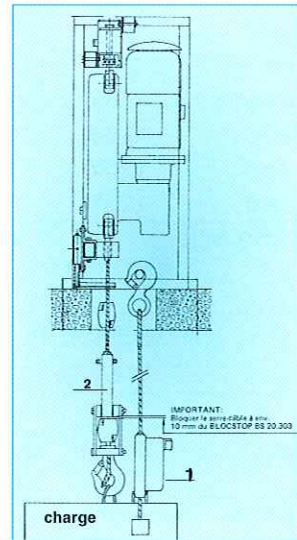


Special applications

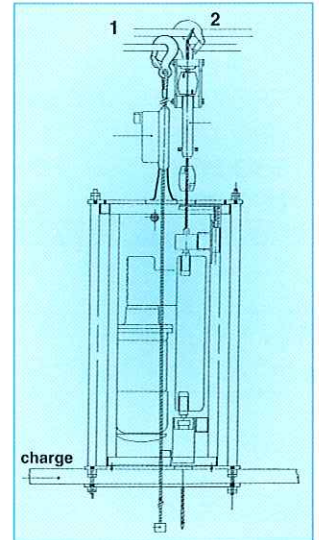
Protection against falling loads :

- ◆ on basketball backboards,
- ◆ on spreader bars on overhead cranes,
- ◆ on press platens,
- ◆ on special lifts for the handicapped,
- ◆ on aircraft hangar canvas doors
- ◆ when ascending lift shafts
- ◆ when stowing goods in aircraft
- ◆ for use as a mobile lifting hook

1. The Blocstop is fixed on the load and used as a safety device on the secondary rope
2. The Blocstop can be adjusted on the load suspension rope



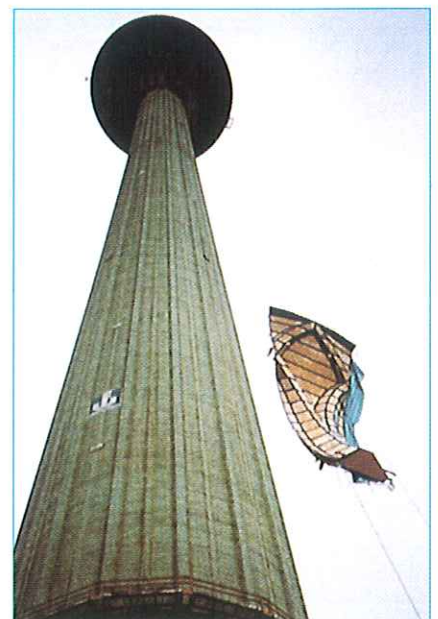
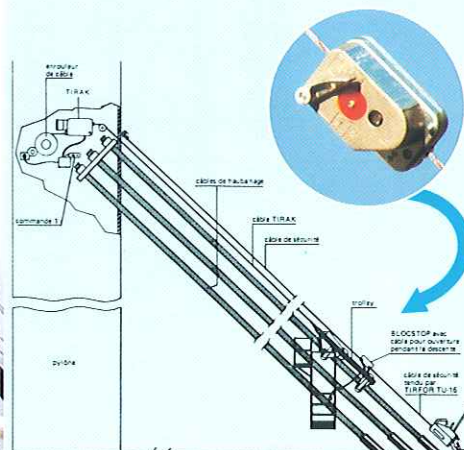
Fixed hoist



Mobile hoist fixed on the load



The BLOCSTOP safety device is mounted on a second wire rope, tensioned at ground level by a Tirfor



Technical data

Blocstop range BS - BSA - BSO for materials handling applications

Model	Principle	Weight (kg)	Ø rope* (mm)	Capacity (kg)								
				300	500	600	800	1000	1600	3000	3200	
BS 15.311	Manual	2.05	6,5	◆	◆							
BS 15.301	Manual	2.05	8,3				◆					
BS 20.300	Manual	3.65	8,3				◆					
BS 20.303	Manual	3.65	9,5					◆				
BS 20.330	Manual	3.65	10,5						◆			
BS 20.301	Manual	3.65	11,5							◆		
BS 35.30	Manual	8.50	16,3									◆
BSA 15.301	Slack wire rope	4.00	8,3				◆					
BSA 20.303	Slack wire rope	4.00	9,5					◆				
BSA 20.304	Slack wire rope	5.85	10,5						◆			
BSA 20.301	Slack wire rope	5.85	11,5							◆		
BSA 35.30	Slack wire rope	10.90	16,3									◆
BSO 510	Overspeed	4.25	6,5	◆	◆							
BSO 500	Overspeed	4.25	8,3			◆						
BSO 520	Overspeed	4.25	9,5			◆						
BSO 1000	Overspeed	6.65	8,3				◆					
BSO 1020	Overspeed	6.65	9,5					◆				
BSO 1030	Overspeed	6.65	10,5						◆			
BSO 2050	Overspeed	12.70	14,3							◆		
BSO 2060	Overspeed	12.70	16,3								◆	

*Use of special TRACTEL® wire rope

Blocstop range BSA - BSO for manriding applications

Model	Principle	Weight (kg)	Ø câble* (mm)	Capacity (kg)							
				500	600	800	1000	1200	2000	2400	
BSA 15.301	Slack wire rope	4.00	8,3		◆						
BSA 20.303	Slack wire rope	5.85	9,5			◆					
BSA 20.304	Slack wire rope	5.85	10,5				◆				
BSA 20.301	Slack wire rope	5.85	11,5					◆			
BSA 35.30	Slack wire rope	10.90	16,3								◆
BSO 500	Overspeed	4.25	8,3	◆							
BSO 520	Overspeed	4.25	9,5	◆							
BSO 1000	Overspeed	6.65	8,3		◆						
BSO 1020	Overspeed	6.65	9,5			◆					
BSO 1030	Overspeed	6.65	10,5				◆				
BSO 2050	Overspeed	12.70	14,3						◆		
BSO 2060	Overspeed	12.70	16,3							◆	

*Use of special TRACTEL® wire rope