

Blocstop™



Fall arrest device Blocstop™

An additional safety system in accordance with DIN EN 1808 is mandatory in man riding applications. The system is used to secure the work basket or the platform on which personnel are working against falling.

Fall protection

That is precisely what our Blocstop™ BSO does. It is small, light and compact and attached to the working platform where the safety rope runs through it. If the movement of the safety rope exceeds a specified speed then the BSO triggers automatically and securely catches the load. The safety rope is held between the clamping jaws, preventing the rope from slipping any further.

However, the surface of the clamping jaws is large enough to prevent damage to the rope. The Blocstop™ is designed in such a way that the clamping jaws grip tighter, the higher the load on the rope.

Furthermore, the Blocstop™ has been tested using many times the nominal load in order to ensure an extremely large safety margin.

Electrical deactivation

All of the BSO models can be equipped with an electric switch which immediately switches off the tirak™ if triggered, for example. This option increases safety in the event of an emergency stop as it prevents rope slack above the platform.



Additional models

The Blocstop™ family includes two additional models: the BSA and the BS.

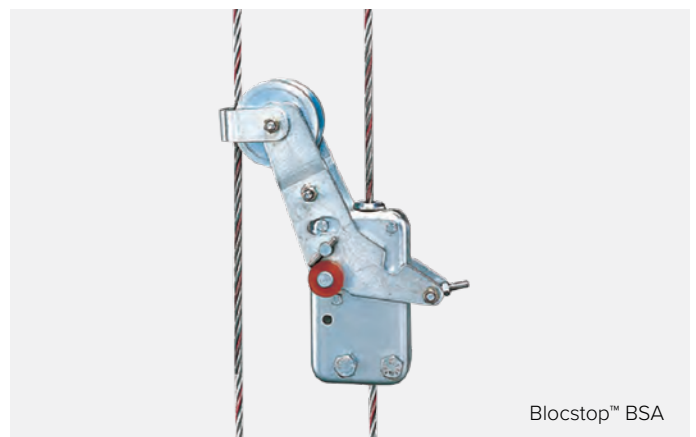
In contrast to the BSO, the BSA's clamping jaws are not triggered by excessive speed but rather by monitoring the suspension rope.

The BSA is held open by a lever which is supported on the suspension rope by a roller. If the suspension rope breaks then this support stops and the BSA closes.

In precisely the same way as the BSO, the clamping jaws clamp the safety rope and prevent the load or the platform from falling.

On platforms with two suspension points, arranging the suspension and safety ropes in parallel enables the system to monitor the tilt of the platform. If one side of the platform descends then the BSA closes on the lower side, catching the platform before the tilt reaches a critical angle.

The BS functions in a manner similar to the BSA with the exception of the fact that the lever is activated either manually or mechanically.



Blocstop™ BSA

Model	WLL in t		Rope Specification		Bolt \varnothing in mm
	Man Riding	Material Handling	\varnothing in mm	Min breaking load in kN	
BSO 510	-	0,35	6	13,7	12
BSO 500	0,6	0,6	8	47,1	
BSO 520	0,6	0,6	9	47,1	
BSO 1000	0,7	0,7	8	54,9	
BSO 1020	0,8	0,8	9	62,8	
BSO 1030	1,0	1,0	10	78,5	
BSO 1040	1,0	1,0	11,5	78,5	
BSO 2050	2,0	2,6	14	157,0	22
BSO 2360	2,3	3,0	16	180,5	

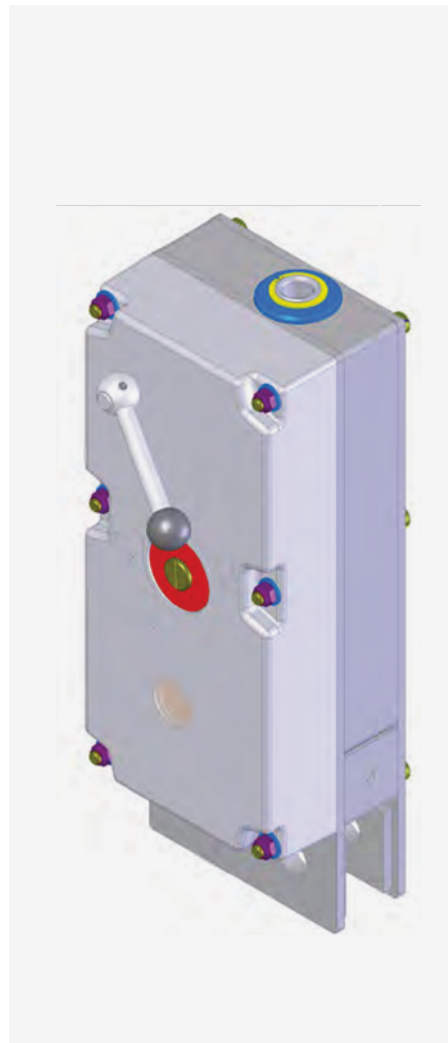
BSO 500 - 510 - 520



BSO 1000 - 1020 - 1030



BSO 2050 - 3060





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