

Securpulley is a Tornomeccanica patent design to revolutionise work on scaffolding, eliminating the risk of falling suspended loads.



The exclusive automatic braking system locks the lifted load as soon as the rope is released by the operator.

Securpulley allows all the tasks normally done by the scaffolding erectors:

- lifting of loads
- lowering of loads
- lowering of the empty rope

All without risk and with the added possibility to lock the load at any height to rest with heavy loads or high working heights.

Securpulley is the only pulley for building industry that conforms to the Safety requirements of the Machinery Directive ECC 89/392, as witnessed by the 'CE' mark.

Safety Regulations: an important and valuable base

During the design phase of the Securpulley Tornomeccanica followed the general safety requirements of the Machinery Directive (lifting machine shall not allow the loads to freely fall when the operator's action ceases) and the more detailed requirements of the European Standard prEN 13157 (Cranes safety - hand operated lifting devices).

These drafts, even though they are presently only a reference, nevertheless contain some concepts and definitions that proved very useful not only for the design but also to declare that Securpulley is in all respects a manually operated lifting machine.



More safety (according to prEN 13157)

The braking action is compulsory: and " shall be automatic when the operating force ceases, for the whole range of loads specified , whether the motion is lifting or lowering." (5.2.9)

The test loads are clearly specified by the Standard (400% of rated load for breakage test on sample, 150% for static test on each single unit). Securpulley conforms to these test requirements.

Securpulley conforms to the requirements of the machinery directive and is marked with the 'CE' mark: each unit is supplied with an Operating and Maintenance Instruction Book, the Conformity Declaration and the Load Test Certificate.