

scafor®

hand operated machine for suspended access



CE

 **Tractel** Group

The hand operated SCAFOR machine for suspended access has been designed to ensure the maximum safety of the user. The SCAFOR is adaptable to almost all types of stirrups, so that the SCAFOR can be fitted to existing cradles and platforms.

A model is available to suit either 6.5 mm or 8.4 mm diameter wire rope.

Applications:

The SCAFOR hoist can be fitted to

- painter's cradles,
- bosun's chairs and one-man cradles,
- platforms with fixed or articulated stirrups.

The SCAFOR fits either directly to the stirrups of our TANGOR, ALIA cradles or with an adaptor to stirrups of other platforms. The lifting rope as well as the safety rope pass through the machine.

Advantages:

The principle of the wire rope passing through the machine gives the SCAFOR three important advantages:

- constant effort on the operating handles whatever the height of lift (no drum on which to reel the wire rope);
- unlimited height of lift with fast and easy insertion of the appropriate length of wire rope;
- long operating life of the wire rope which is coiled on a separate reeler, with less risk of injury.

Also, with the design of the SCAFOR, it is:

- lightweight (11 kg);
- compact (see drawing);
- easy for testing and maintenance, and has;
- long working life.

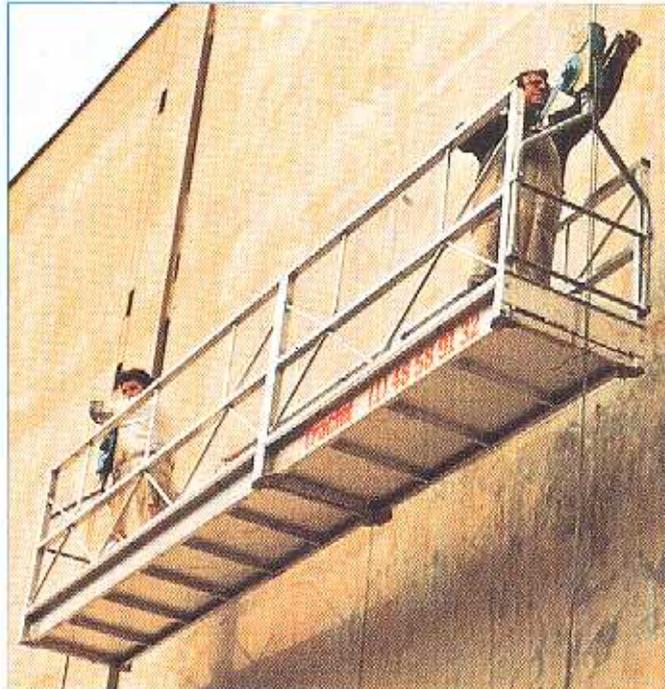
Safety:

The self-gripping mechanism of the SCAFOR exerts a grip on the rope which is proportional to the load being lifted. The integrated safety mechanism with the SCAFOR automatically locks onto the safety rope when there is no load on the lifting rope, or should there be a sudden descent of the platform, then the centrifugal brake system comes into operation. In an emergency, there is the red lever which locks the jaws onto the safety rope.

The scafor is manufactured in accordance with current safety regulations.

Technical specification:

Model	Unit	408C
Lifting capacity	kg	400
Effort on each handle for load of 250 kg	kg	7
Weight of unit without rope	kg	11
Rope travel for one complete cycle	cm	7.5
Diameter of lifting rope / safety rope	mm	8.4
Breaking strain of rope	± kg	4800
No-load safety system		yes
Centrifugal brake system		yes



Scafor fitted to a fixed stirrup

