

Altaflex srl always cares about development, quality improvement and reliability of its products in order to satisfy customer's needs.

For these reasons our two top mechanisms, **NEW ROLLER** and **FAST**, have undergone technical tests in conformity with the European Regulation EN1725.

CATAS *s.p.a.*, a research and development centre, as well as a reference point in Italy for laboratory tests and certifications according to European and International Standards, has carried out some tests on our products:

- **General Safety Requirements according to EN 1725:1998, par. 6.** This requirement provides that the mechanism has no sharp edges and burrs. Dangerous moving parts that could get in contact with the user must be at a distance of more than 25mm.
- **Resistance to vertical static fatigue according to EN 1725:1998, par. 7.3.** This test consists in putting cyclically a weight of 100kg on the mechanism for 10.000 times. At the end, the mechanism should not present important deformations.
- **Vertical Static Load according to EN 1725:1998, par. 7.6.** This test consists in putting 140kg gradually on different sides of the mechanism, this action is repeated 10 times. At the end of this process, the mechanism should not have damages.
- **Vertical load on the longerons according to EN 1725:1998, par. 7.7.** when the mechanism is full extended to its bed position, a weight of 120Kg is put on the centre of its side slats for one minute.
- **Test of endurance of the mechanism according to ENV 13759:2000.** The mechanism is opened and closed from its sofa position to its bed position and vice versa 2000 times. If we consider the opening and closing of the sofa once a day, the mechanism is tested for ca. five and a half year.

Our mechanisms **New Roller** and **Fast** have passed all tests brilliantly and have gained the European Certification. Shortly, we will put on our mechanisms labels and/or brochures with the number of the obtained safety certificate. The complete certificate can be required by our customers at any time.