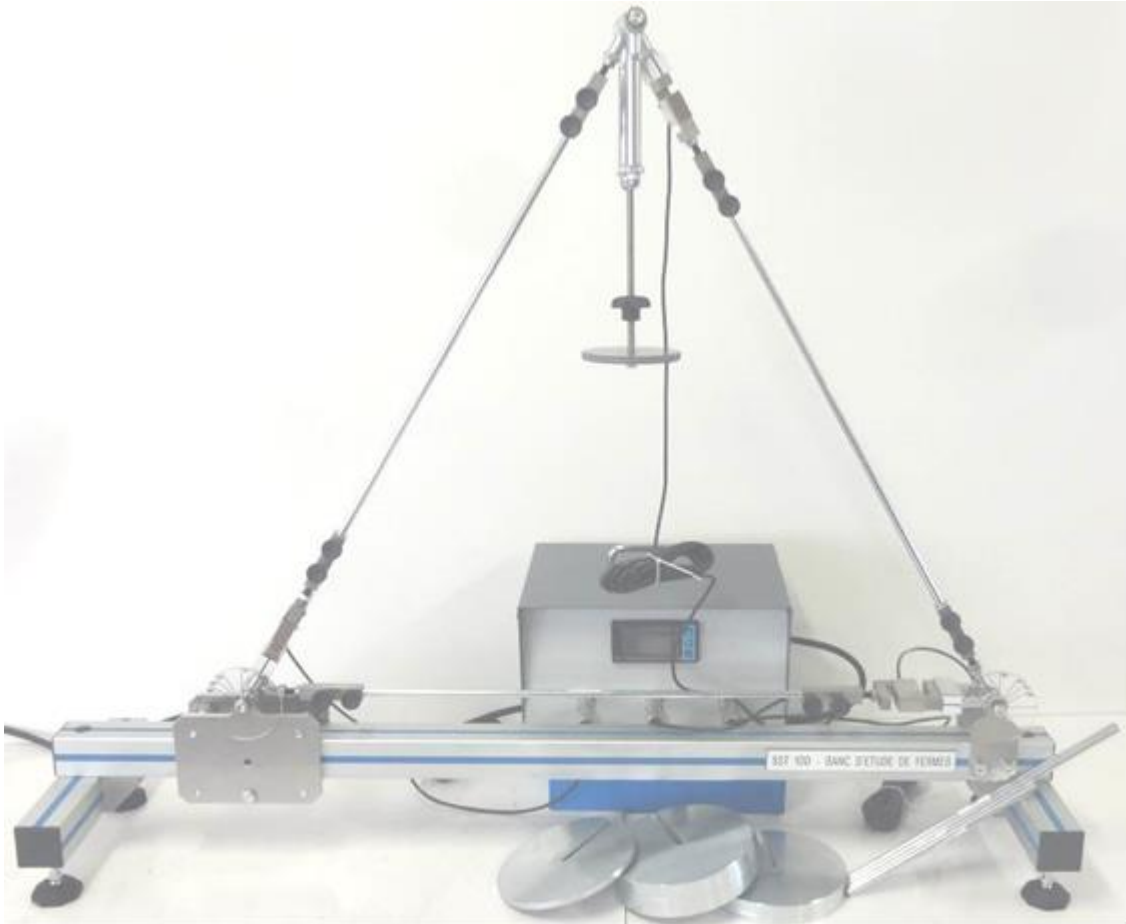


STUDY UNIT OF A SINGLE TRUSS



PEDAGOGICAL APPLICATIONS

- Study of the behaviour of a simple farm
- The ability to create many forms of farms or trellis
- Breakdown of effort by geometry
- Direct measurements of display efforts via 3 sensors

OPERATING PRINCIPLE

The SST 100 bench allows you to know the distribution of forces in a simple farm-type articulated lattice structure. Measuring traction and compression efforts in each beam by 3 force sensors connected to an electric box with 3-measure display.

Supplied with a batch of different weights (10, 30, 50 Newton) to ride on an adjustable holder.

The shape of the lattice is modified using the many pulls available. This allows several forms of lattice (which are not necessarily symmetrical) to be created in order to study different situations.

The 3 angles are spotted and feature a graduated radiandisc.

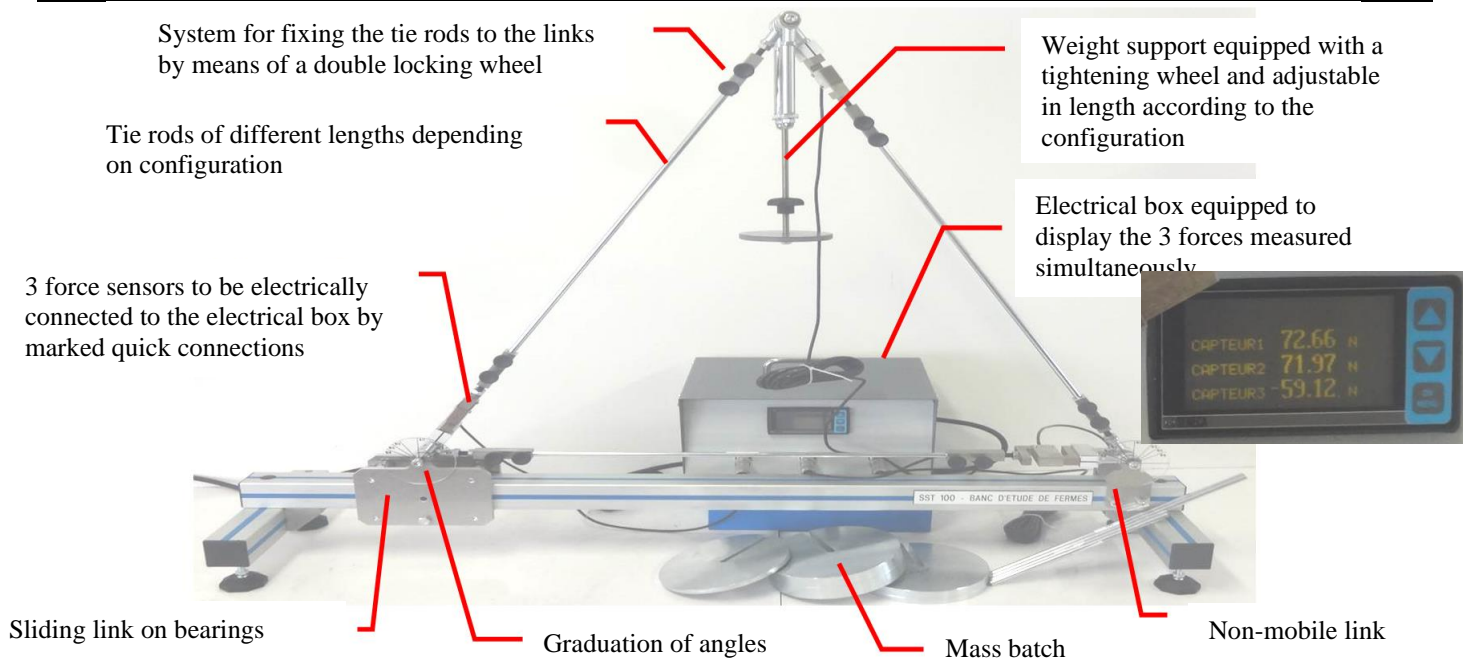
The robust design of this equipment makes it perfectly suited for use in a school setting.

Its anodized aluminium structure on non-slip feet gives it a very robustness and a great flexibility of integration in your premises.

The manufacture of this equipment meets the European machine directive

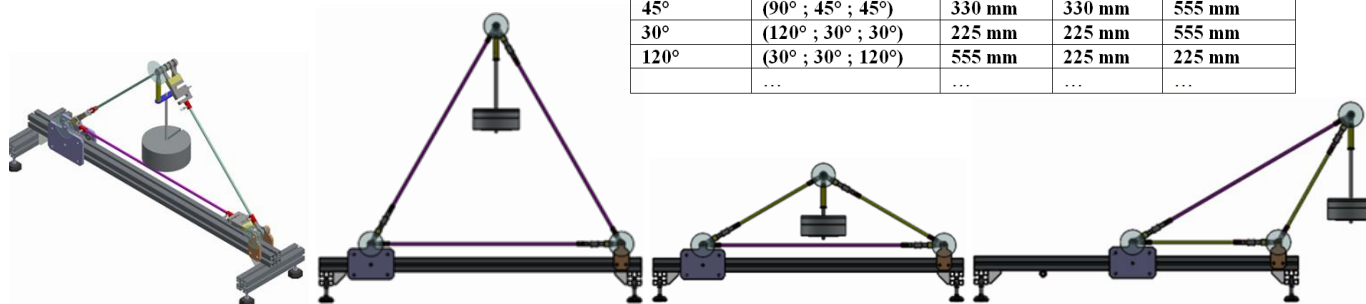
Illustrations

Technical specifications



Voici quelques positions possibles en fonction des différentes longueurs :

EXEMPLE	Angles du treillis (α_1 ; α_2 ; α_3)	Tirant 1	Tirant 2	Tirant 3
60°	(60° ; 60° ; 60°)	555 mm	555 mm	555 mm
45°	(90° ; 45° ; 45°)	330 mm	330 mm	555 mm
30°	(120° ; 30° ; 30°)	225 mm	225 mm	555 mm
120°	(30° ; 30° ; 120°)	555 mm	225 mm	225 mm
...



Installation specifications

Documentation

- Dimensions: (LxH mm): 1000 x 250 x 680
- Weight (Kg): 10
- Power: 230v-50-60hz

- Instruction notices
- Technical file
- CE Certificate of Compliance

Note: As part of an installation of equipment by our services, all connections to the networks must be within 2m of the machine

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Dans le cadre de l'amélioration permanente de nos produits, ce descriptif technique est susceptible d'être modifié sans préavis

As part of the continuous improvement of our products, this technical specification may be modified without previous notifying

Illustrations non contractuelles / Illustrations not contractual

version : FT-SST100-STD-D