

Straightening Line | Cambering & sweeping

STCS - Straightening T

The new STCS represents the first innovative solution, in order to correct longitudinal and lateral deformations of welded T-beams by means of a combined hydraulic/induction solution.

The new **STCS - Straightening T profile Cambering Sweeping** is the first and only machine on the market for the **correction of longitudinal and lateral deformations** of welded T-beams by means of an innovative combined hydraulic/inductive solution. It's composed by:

- A strong welded steel base;
- Hydraulic vertical carriage that follows the upper edge of the web to ensure reliable profile pulling and a constant height of the side inductors;
- Tracking device of the side rollers of the web to ensure the constant gap between the inductor and the web itself;
- Hydraulically operated slide to pre-set the correct inductor level with respect to the different T-sections;
- N ° 2 double-acting cylinders for straightening / lateral sanding;
- N ° 2 reactive blocks with variable spacing in relation to the different inertia of the profile.



Sectors



	STCS
FLANGE THICKNESS	6 – 25 mm
MAX SIDE STRAIGHTENING FORCE	75 tons
INDUCTION POWER	40kW max
CONSTRAIN DISTANCE RANGE	1500mm - 2000mm - 2550mm
TAPERED BEAM	Allowed - Max inclination angle 15 °
MIN. BEAM LENGHT	3.000 mm
MAX BEAM LENGHT	Custom
MAX BEAM WEIGHT	Custom
FLANGE WIDTH	100 – 500 mm

Type of beam



Accessories & Torches

[Home](#)

