

TUBE FIXING MACHINE



MECHANICAL-HYDRAULIC TUBE FIXING MACHINE TES 97

DESCRIPTION

The mechanical-hydraulic tube fixing machine TES 97 is the key to professional welding preparation. It consists of a transportable hydraulic unit and a hydraulic cylinder with spreading tool. The tubes are fixed centrally and gap-free in the bore at the tube position to be welded. This avoids welding errors and therefore represents a significant advantage compared to tacking the tubes.

HIGHLIGHTS

- » perfect centring of the tubes in the bore - regardless of tube protrusion, tube recess or flush tube position
- » optimal degassing during the welding process
- » increased service life of the centring cartridges

TECHNICAL DATA

	hydraulic unit
engine	400 V / 3~ / 50 Hz / 2.2 kW
pump capacity	1.5 l/min
working pressure	max. 500 bar
tank capacity	20 l
hydraulic hose	6 m
dimensions [L / W / H]	60 / 35 / 70 cm
weight incl. hoses	62 kg
	hydraulic cylinder size 1
tube OD	8.0 - 26.0 mm
tube wall thickness	1.0 - 3.0 mm
stroke expanding mandrel	40 mm
dimension (without tools)	L = 219 mm
weight	4.7 kg
	hydraulic cylinder size 2
tube OD	8.0 - 70.0 mm
tube wall thickness	1.0 - 5.0 mm
stroke expanding mandrel	60 mm
dimension (without tools)	L = 290 mm
weight	8 kg

technical data are subject to change

