

Tube bending machine

Profast SERIES 45

The PROFAST Series 45 is a fully automatic, 3 axis tube bending machine: bending (Y axis), advancement (X axis) and rotation (Z axis). The PROFAST Series 45 can bend tubes up to 45 mm in diameter.

The following are fitted as standard:

- heat exchanger;
- early mandrel extraction;
- automatic mandrel lubrication.

SERIE 45



EURO



PROFAST



PROVAR 5



PROVAR 6

DATA SHEET - PROFAST



FEATURES	U.M.	PROFAST
Y Max. bending speed	°/1"	150
Y Tolerance	+/- °	0.1
X Max. traverse speed	mm 1"	1000
X Tolerance	+/- mm	0.1
Z Max. gripper rotation speed	°/1"	450
Z Tolerance	+/- °	0.1
Weight	+/- Kg	3800

BENDING CAPACITIES	U.M.	PROFAST
Round tube R=42 Kg/mm ²	mm	45x4
Round stainless steel tube	mm	40x3
Round tube Alum. Brass Copper Alloys	mm	45x5
Square tube R=42 Kg/mm ²	mm	40x40x2
Rect. tube bent easy way	mm	30x45x2
Rect. tube bent hard way	mm	40x35x2
Round bar R=42 Kg/mm ²	mm	30
Square solid R=42 Kg/mm ²	mm	25x25
Min. R.I. with normal axle	mm	≥30
Min R.I. special	mm	≤30
Max. R.M. with rolls	mm	260
Mandrel extraction stroke	mm	60
Max bending angle	°	195
Working length	mm	3450
Machine extensions	mm	1540

Machine features are indicative and not binding. Macri Italia s.r.l. reserves the right to make changes for the purposes of technical improvement.