

DATA SHEET - PROVAR 6 U-D

TUBE BENDING MACHINES

PROVAR 6 U-D SERIES 35

The PROVAR 6-35 U-D (Series 35) is a fully automatic, 6 axes tube bending machine: bending (Y axis), advancement (X axis) and rotation (Z axis). The PROVAR 6-35 U-D can bend tubes up to 35 mm in diameter and lateral movement of the positioner and of the mandrel (axes B1 and B2) and up-down movement of the head (axis A).

The PROVAR 6-35 U-D can bend tubes up to 35 mm in diameter and has two levels of equipment per fixed and variable radius or two different fixed radii.

The following are fitted as standard:

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



SERIES 35

EURO CN1

PROFAST CN3

PROVAR 5 U-D

PROVAR 6 U-D

FEATURES	U.M.	PROVAR 6
Y Max. bending speed	°/1"	200
Y Tolerance	+/- °	0.1
X Max. traverse speed	mm 1"	1000
X Tolerance	+/- mm	0.1
Z Max. speed	°/1"	540
Z Tolerance	+/- °	0.1
B1 Max Speed	mt/1'	24
B1 Tolerance	+/- mm	0.1
B2 Max Speed	mt/1'	24
B2 Tolerance	+/- mm	0.1
A Max. Speed	mt/1'	6
A Tolerance	+/- mm	0.1
Weight	+/- Kg	3500

BENDING CAPACITIES	U.M.	PROVAR 6
Round tube R=42 kg/mm ²	mm	35x4
Variable curve R=42 kg/mm ² RM min 10 D	mm	25x2
Round stainless steel tube	mm	35x3
Round tube Alum. Brass Copper Alloys	mm	35x5
Square tube R=42 kg/mm ²	mm	30x30x2
Rect. tube bent easy way	mm	20x35x2
Rect. tube bent hard way	mm	40x25x2
Round bar R=42 kg/mm ²	mm	25
Square solid R=42 kg/mm ²	mm	20x20
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.