

Pipe & Tube Bending Machines

Three-roll benders, roller-type benders and the exhaust band clamp line.

Three-roll tube bender

Item	Value
Maximum tube diameter	Φ50 × 3.0 mm
Minimum bending radius	R250
Roller bending speed	3 m/min
Roller mould diameter	Φ250 mm
Motor power	4 kW
Machine weight	1200 kg

Greenhouse tube bender (roller type)

Item	Value
Forming roller stations	14
Press roller material	GCr12MoV, ground, quenched 55 – 60 HRC, chromium coated
Shaft	45# steel, Φ42 mm
Motor power / reducer	4 kW / 250
Cutting	PLC numerical with encoder counting; holds length to +/-1.0 mm
Speed	8 – 10 m/min
Equipment size	3.7 m (L) × 1.0 m (W) × 1.5 m (H)

Exhaust band clamp line (roll form + bend)

Item	Value
Material	Stainless strip, thickness ≤ 2.5 mm
Ring diameter range	120 – 350 mm
Roller stations / pitch	8 rows / 200 mm
Roller material / shaft	42CrMo / Φ45 mm
Total power	approx. 24.5 kW
Floor area	4 × 1 × 1.5 m (L × W × H)
Supply / air	3-phase 415 V 50 Hz / 0.6 MPa

Also in the bending range

CNC tube benders (automatic, multi-axis). Send the tube OD, wall, material, bend radius and bend count and we will confirm the machine rather than quote from a summary.

Machine pages and further reading

- Pipe bending machines — category — steelpipemachines.com/category/pipe-bending-machine
- Three-roll bending machine for tube — steelpipemachines.com/posts/3-rolls-bending-machine-for-tube