

PEDRAZZOLI STERN 160 IMS

2011 tube end-forming machine | FANUC control



MACHINE DETAILS

Manufacturer	Pedrazzoli IBP
Model on plate	STERN 160 IMS-FANUC
Year of manufacture	2011
Machine type	Hydraulic tube end former
Control shown	FANUC Series 0i-MD
Tool drum	12 positions
Asking price	Price on application

Offered through
The Workshop Press Company UK

OVERVIEW

Used Pedrazzoli STERN 160 IMS hydraulic tube end-forming machine with FANUC control, a rotating tool drum and clamping assembly. Offered as-is or as a refurbishment project, with the purchase terms and included equipment to be agreed.

CONDITION & PURCHASE OPTIONS

Running condition; some components require refitting.

As-is: purchase in its current used condition, with the required refitting to be addressed.

Refurbishment project: discuss the proposed work, responsibility for completion, price and timescale.

Please contact us to discuss your application, the components requiring refitting, included tooling, machine location and viewing arrangements.

PEDRAZZOLI STERN 160 IMS

Technical reference | Purchase options | Price context

MANUFACTURER TECHNICAL REFERENCE

The figures below are from the manufacturer's March 2024 offer for a **new STERN BROWN 160 IMS**. They are reference values for that quoted model, **not verified specifications of this 2011 machine**. Confirm applicability to this machine and the intended tooling and material before purchase.

Maximum tube size	165 mm OD x 5 mm wall
Maximum end-forming length	180 mm
Maximum punch stroke	400 mm
Drum-to-jaw distance	205-605 mm
Thrust	50,000 daN
Jaw clamping force	80,000 daN
Hydraulic system power	22 kW
Maximum working pressure	160 bar
Hydraulic pump flow	72 litres/min
Heat exchanger pump flow	75 litres/min
Maximum number of punches	12
Clamping jaw length	240 mm
Maximum jaw opening	162 mm
Hydraulic oil tank	300 litres
Punch lubrication tank	90 litres
Micro-mist lubrication tank	1.2 litres
Positioning precision	0.05 mm
Standard tool rotation speed	800 rpm
Tube OD with all 12 positions	130 mm
Machine weight (quoted new model)	7,600 kg

Larger tube diameters reduce the number of usable tool positions in the quoted specification. Material, wall thickness, operation and tooling affect suitability. The 2024 offer's controls and optional equipment must not be assumed to match this used machine.

NEW-MACHINE PRICE CONTEXT

Estimated new replacement cost: €350,000+ including tooling.

Workshop Press estimate for a new machine with tooling; subject to specification and tooling requirements. Not a current manufacturer quotation or the asking price of this used machine. Tooling supplied with this used machine is to be confirmed.

Price on application - as-is or refurbishment project.