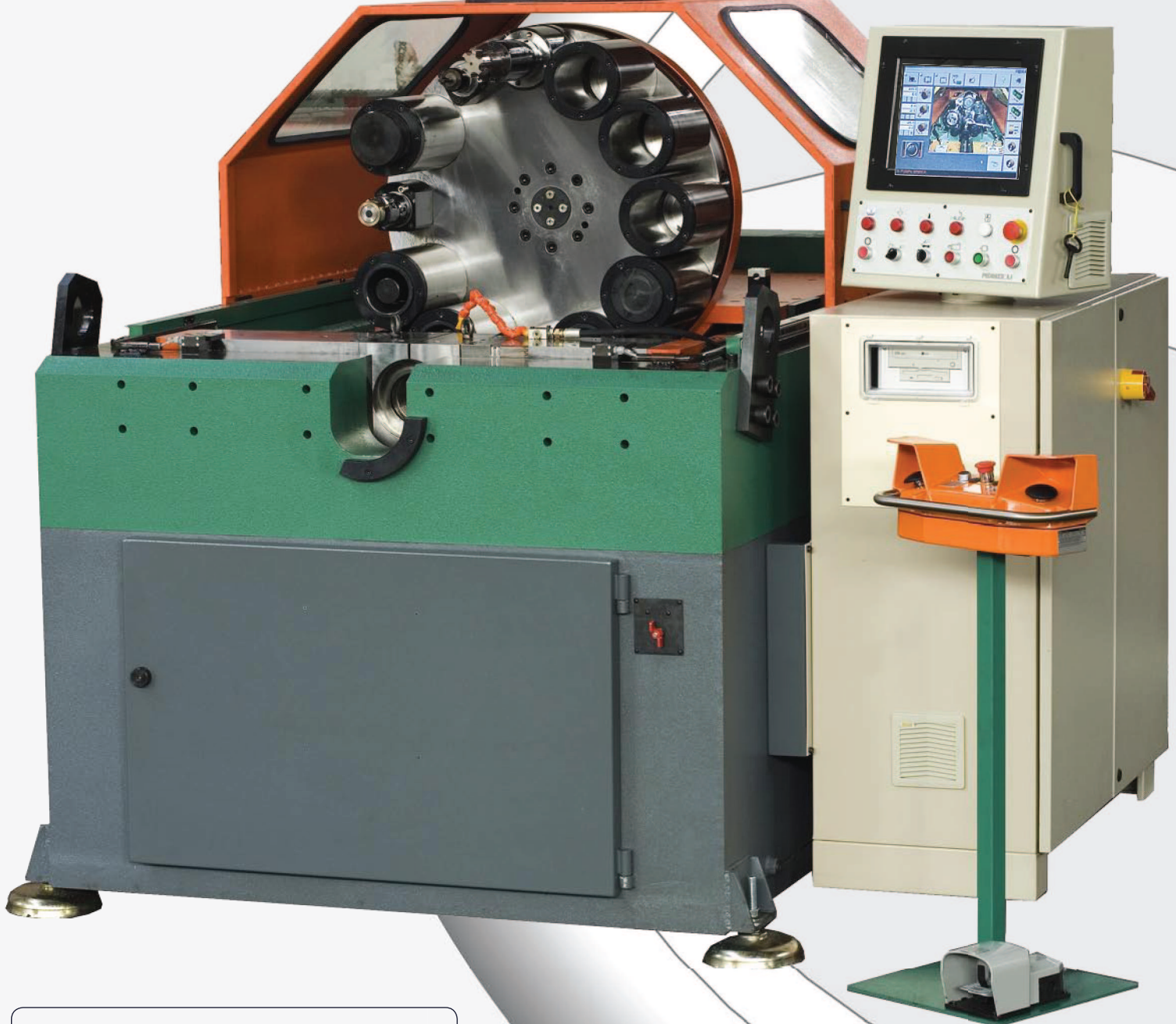




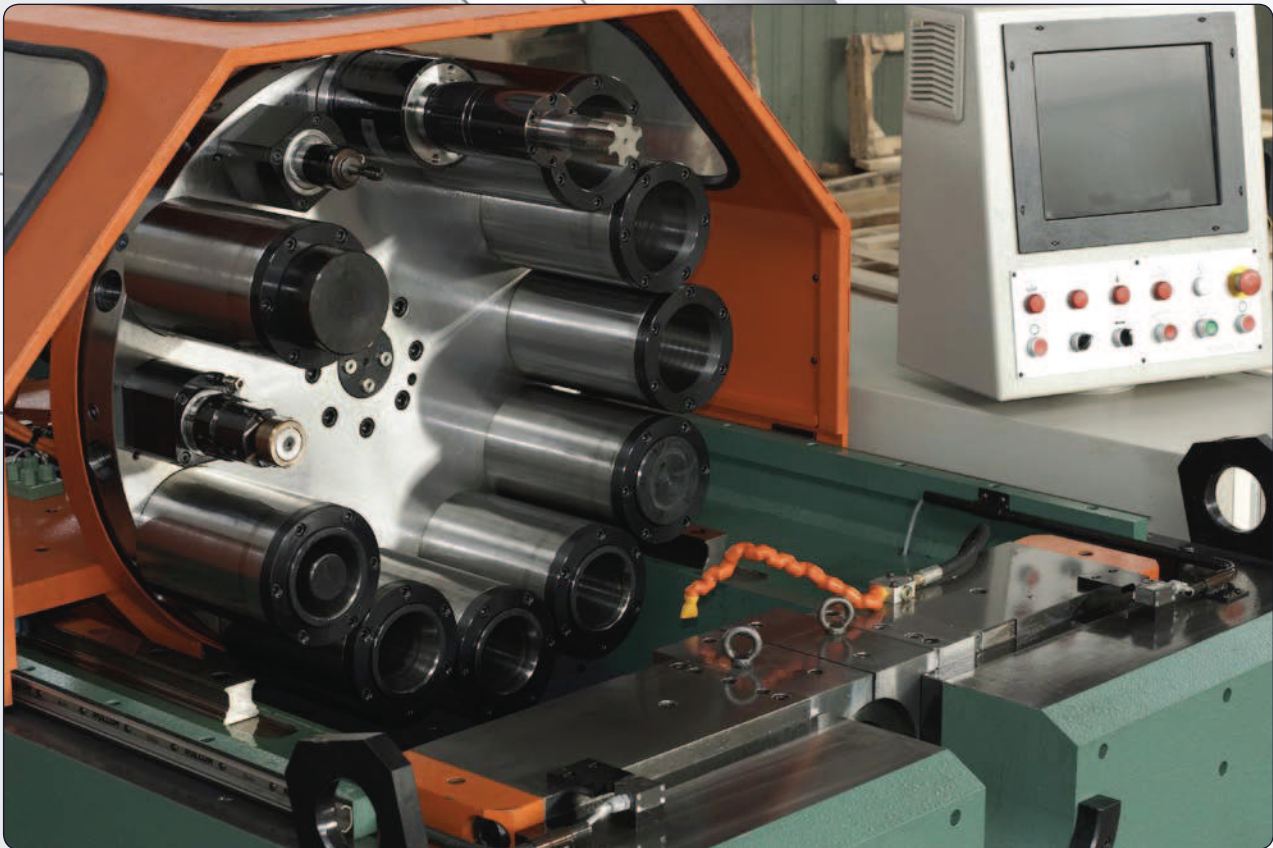
STERN 160 IMS

The STERN BROWN 160 IMS is a complete working center for end forming big diameter metal tubes, it has three numerically controlled axis plus two vices all hydraulically operated. Up to twelve different tools can be applied to the machine head so that a great number of shaping can be performed non the less switching tool only takes a

couple of minutes. Tubes of both steel and light alloys can be worked up to a diameter of 165 mm. Operating the machine is extremely simple and does not require trained personnel. Control of the machine is done via touch screen PC on which runs Pedrazzoli IMS 2000 CONTROL CONCEPT software. A loading system is also available.



AUTOMATIC END FORMING MACHINE



specifications

Max tapering capacity	Ø 165 x 5 mm
Max. tapering length with standard die block	180 mm
Max. tapering length with special die block	-
No. seats (VDI 60 standardized) for fitting tools Ø > 120	12
No. seats for motor-driven tools (DIN 5482 coupling) Ø < 120	12
No. seats (VDI 60 standardized) for fitting tools Ø < 120	6
No. seats for motor-driven tools (DIN 5482 coupling) Ø > 120	6
Cycle time for travel (80 mm F+R)	1.4 sec
Positioning precision	0.05 mm
Work unit thrust force	500.000 N
Work unit return force	800.000 N
Jaws length	240 mm
Max. jaws aperture	104 mm
Hydraulic control unit oil tank capacity	300 L
Installed power	25 Kw
Dimensions (L x W x H)	2115 x 3270 x 1300 mm
Weight (w/out oil and tools)	9000 Kg

