



**PEDRAZZOLI**  
**Model Selection**  
**Chart**



Specifications	Stern 25	Stern 50	Stern 80	Stern 160
Maximum Diameter	1.375"	2.125"	3.375"	6.5"
Maximum Wall Thickness	.118"	.156"	.156"	.196"
Maximum End Form Depth	5.9"	6.7"	7.9"	7.1"
Electrically Controlled Axes	3	4	3	3
Powered Tool Stations	15	15	12	12
End Form Speed	5.5"/sec	4.2"/sec	2.62"/sec	2.81"/sec
Positioning Precision	.05 mm	.05 mm	.05 mm	.05 mm
Working Thrust	80 kN	150kN	250 kN	500 kN
Tool Disk Rotation Torque	12 Nm	12 Nm	12 Nm	12 Nm
Vise Clamp Force	5,388 kg	23,000 kg	NA	80,000 kg
Clamp Holding Force	120 kN	230 kN	380 kN	800 kN
Jaw Length	4.25"	6.7"	7.9"	9.45"
Maximum Jaw Open	2.12"	2.16"	3.5"	6.4"
Maximum Work Unit Travel	7"	11.8"	15.7"	15.7"
Standard Tool Block Dimension	7.7"	7.7"	6.9"	6.9"
Software	IMS	IMS	IMS	IMS
Webcam	Yes	Yes	Yes	Yes
Machine Dimensions	95" x 58" x 67"	95" x 58" x 67"	122" x 73" x 67"	142" x 87" x 77"
Weight	4,000 lbs	5,500 lbs	9,900 lbs	19,800 lbs
Power	480V 16.5kw	480V 16.5kw	480V 16.5kw	480V 25kw
Hydraulic Reservoir	30 gallons	24 gallons	30 gallons	80 gallons