



PAT MOONEY, INC.

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NHC-110 Series (4" Cutting Capacity) – Specification Sheet

Cutting Capacity	Inch (metric)
Round Minimum	0.590 inch (15 mm)
Round Maximum	4.33 inch (110 mm)
Square Minimum	0.590 inch (15 mm)
Square Maximum	2.91 inch (75 mm)

Cutting Axis	45 Degree Slant Type
Z-Axis-Method	Via AC Servo Motor/Ball Screw
Saw Motor Power	21 HP (15 KW)
Saw Blade RPM	50-160
Saw Blade Diameter	14.12 inch (360/370 mm)
Saw Blade Thickness	0.105 inch (2.5 mm)

X-Axis Sizer	Via AC-Servo Motor/Ball Screw
Cutting Length-Min	0.393 inch (10 mm)
Cutting Length-Max	236 inch+ (6000 mm+)
Single Index - X Axis	33.46 inch (850 mm)
Index Speed -X-Axis	78 ft/min (24 m/min)

Trim Cut Length-min	0.393 inch (10 mm)
Trim Cut Length-min-Opt	0 inch (0 mm)
Trim Cut Length-max	4 inch (100 mm)
Remnant Length - Std	3.37 inch (85 mm)
Remnant Length - Opt	1.25 inch (32 mm)
Backgauge - Opt	

Clamp Method - jig	Hydraulic Horizontal & Vertical
Clamp Method - sizer	Hydraulic- Horizontal & Vertical

Machine Weight	11,000 lb (6,000 kg)
Length of Bars/Pipes	12-24 ft (3.6 - 6.1 m)
Optional Load Tables	40 ft (12 m)