



PAT MOONEY, INC.

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NHC-80 Series (3" Cutting Capacity) – Specification Sheet

Cutting Capacity	Inch (Metric)
Round Minimum	0.393 inch (10 mm)
Round Maximum	3.149 inch (80 mm)
Square Minimum	0.393 inch (10 mm)
Square Maximum	2.362 (60 mm)

Cutting Axis	45 Degree Slant Type
Z-Axis-Method	Via AC Servo Motor/Ball Screw
Saw Motor Power	10.5 HP (7.5 KW)
Saw Blade RPM	70-200
Saw Blade Diameter	10.75 inch (285/300 mm)
Saw Blade Thickness	0.078 inch (2 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	23.622 inch (600 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	2.36 inch (60 mm)
Remnant Length - Opt	0.75 inch (20 mm)
Backgauge - Opt	

Clamp Method - jig	Hydraulic Horizontal & Vertical
Clamp Method - sizer	Hydraulic Horizontal (Vertical-Opt)

Machine Weight	6,600 lb (3000 kg)
Length of Bars/Pipes	12 - 24 ft (3.6 - 6.1 m)
Optional Load Tables	40 ft (12 m)