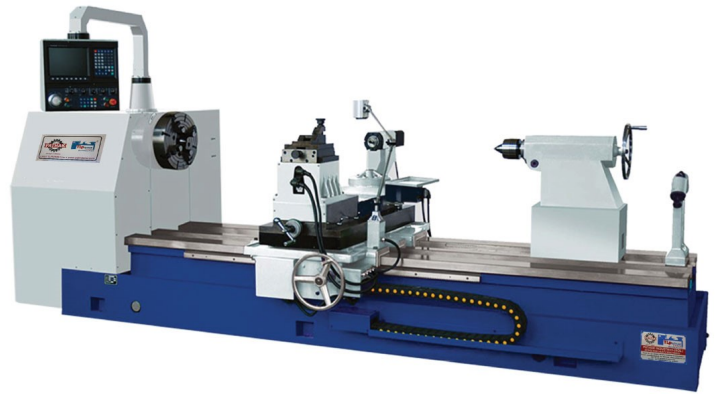


# CNC Roll Notching & Engraving / Branding Machine



TL pathak group's CNC notching and logo marking machine are used in notching rebar and marking logo in the tungsten carbide rolls or HSS roller etc. Notching tooling and marking cutter are mounted side by side on the same side of the CNC machine;. Two guideway for tailstock; two guide ways for saddle. The guideway lubricate by auto-lubrication pump.

## OUR CNC notching & logo marking machine can be used for following functions:

### Function 1: notch (base function)

CNC machine can notch ribs for the deformed steel bar with all standard. The CNC machine use 4 server motors

X axis :notch tool feed forward or turn back.

Y axis: the roll turning with worn gear

Z axis : notching tool turning on the lever surface with gear drive.

A axis: the notch tool move from the left to the ringt.

### Function 2: marking ( additional function)

CNC machine can mark logo, character, drawings etc. on the surface of the roll.

Marking cutter feed forward or turn back, and move from the left to the right

X axis :notch tool feed forward or turn back.

Y axis: the roll turning with worn gear

Z axis: the notch tool move from the left to the ringt.

A axis: the notch tool move from the left to the ringt.

S axis: the marking cutter spindle turning with high speed, VFD

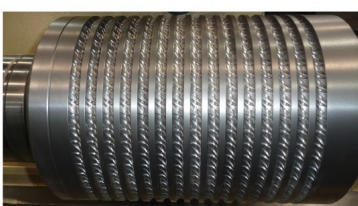
TL Pathak group's CNC notch milling machine, with its sophisticated software package and represents a complete notching and marking unit able to answer at the challenges of the new demanding re-bar market

### Time Taken For Operation

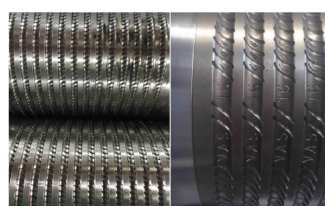
Notching on One groove can be done is about 15 - 20 Minutes.

Name Marking on One groove can be done is about 10 Minutes.

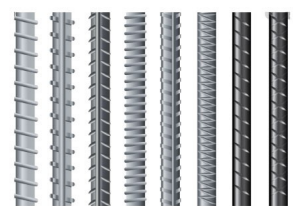
Specifications	Model : PRGE-1
Max. Diameter Of Processed Roller	22 mm
Max. Length Of Processed Roll	22 mm
Notching for Re-Bar Diameter	18 mm
Notching per Rolls	40 mm
Omitting Ribs	40 mm
Min. Feed Rate	2 HP
Spindle Speed Of Flying Cutter Head (Notching)	1440 RPM
Spindle Speed Of Flying Cutter Head (Notching)	22 mm
Head Stock Spindle Bore	22 mm
Head Stock Chuck diameter (4 Jaw Chuck Diameter)	18 mm
CNC 4-Axis Control System	40 mm
Motors & Drives	40 mm
Overall Dimension (L x W x H) (Approx)	2 HP
Machine Weight (Approx)	1440 RPM



TMT BAR MILL GROOVED ROLL'S



TMT BAR MILL ENGRAVED / BRANDED ROLL'S



RIBBED TMT BARS