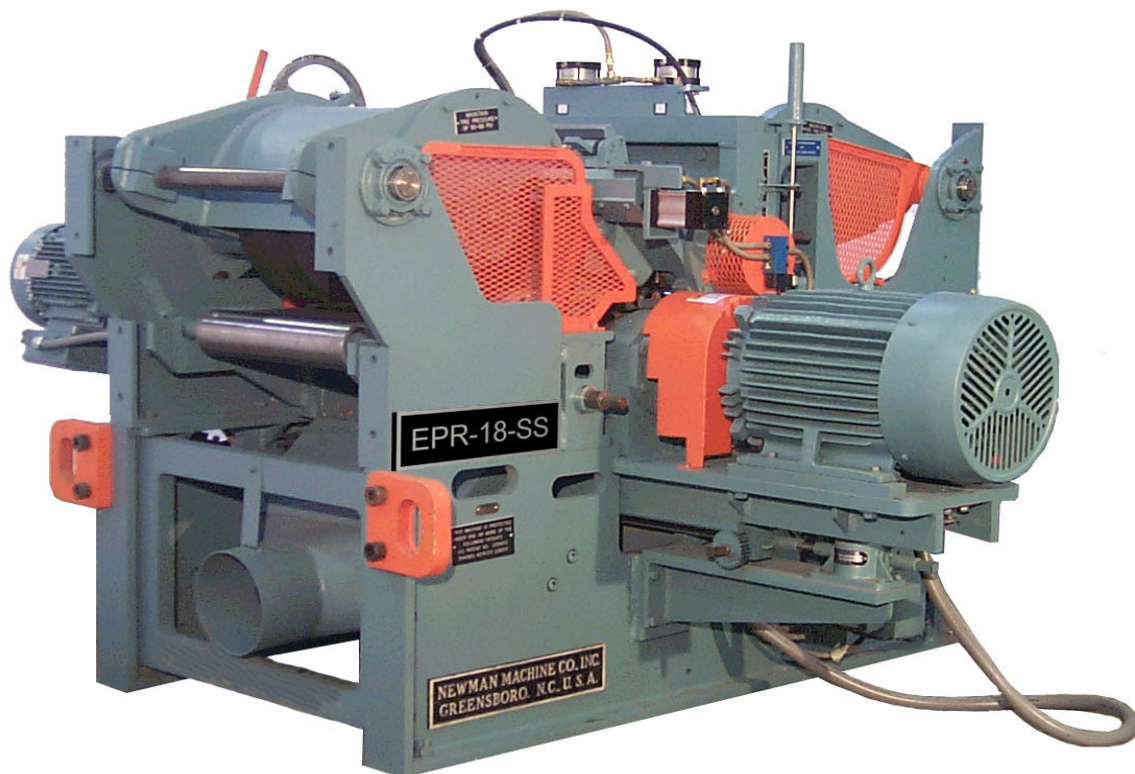


NEWMAN

QUALITY WOODWORKING MACHINERY
SINCE 1906

EPR Short Stock Series Double Roughing Planers

- *Electric Feed Drive*
- *Helical Carbide Cutterheads*
- *Automatic Cut Control*
- *Pneumatic Feed Rolls*
- *Variable Feed Speeds Up To 400 FPM*
- *PLC Controlled Top Head Thickness Setting*
- *Infinitely Variable Roll Positioning*



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SPECIFICATIONS FOR THE EPR-SS SERIES MACHINES:

- **Capacities:**

Maximum Feed Opening:

EPR-18-SS: 18" x 6" (450 mm x 150 mm)

EPR-24-SS: 24" x 6" (610 mm x 150 mm)

EPR-30-SS: 30" x 6" (762 mm x 150 mm)

Minimum Stock Thickness: 1/2" (12.7mm)

Minimum Stock Length: 42" (106.7cm)

Feed Roll Center Distance: 40" (101.6cm)

- **Feed Speeds:**

Minimum Feed Speed: 80 fpm (24 mpm)

Maximum Feed Speed: 400 fpm (122 mpm)

- **Cutterheads:**

Standard: 7" Cutting Circle 6 Knife Pocket Type High Speed Steel

Optional: 7" Cutting Circle 8 knife Helical Carbide

7" Cutting Circle 10 knife Helical Carbide

7" Cutting Circle 6 knife Helical Carbide (On EPR-18-SS)

- **Cutterhead Motors:**

EPR-18-SS: Top: 40 hp, 3600 rpm @ 60 Hz, TEFC Premium Efficiency Coupled

Bottom: 25 hp, 3600 rpm @ 60 Hz, TEFC Premium Efficiency Coupled

Optional: 50 hp Top Head and 40 hp Bottom Head

EPR-24-SS: Top: 60 hp, 3600 rpm @ 60 Hz, TEFC Premium Efficiency Coupled

Bottom: 50 hp, 3600 rpm @ 60 Hz, TEFC Premium Efficiency Coupled

EPR-30-SS: Top: 75 hp, 3600 rpm @ 60 Hz, TEFC Premium Efficiency Coupled

Bottom: 50 hp, 3600 rpm @ 60 Hz, TEFC Premium Efficiency Coupled

- **Feed System:**

Top: Two 16" pneumatic rolls with 1" independent yield, each powered by 15 hp (10 hp on EPR-18-SS) helical gear motor with AC Variable Frequency Drive.

Bottom: Three 4" diameter steel infeed rolls and two 4" diameter steel outfeed rolls.

- **Top Head Chipbreaker:**

Independently yielding 3" wide sections. 1/2" yield per section.

Air operated quick release is standard.

- **Feed Roll Positioning:**

Infeed Top Roll is positioned by a 4" bore cylinder with an in-line check valve to maintain set position. The roll is tensioned with a 4" bore air cylinder. The air cylinder is also used to quick open and reset.

Outfeed Top Roll is positioned by a pair of 4" bore cylinders with in-line check valves to maintain set position.

- **Thickness Setting System:**

The top cutterhead is equipped with a powered hoist and absolute encoder feedback. The system is controlled by an Allen Bradley PLC. The operator enters the desired finished thickness of lumber and presses the Set Heads button on the main console and the head will unlock and move to the setpoint. The system is equipped with a calibration feature to recalibrate when jointing cutterheads.

***Specifications Subject To Change Without Notice**

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