

# SPECIFICATIONS

## 38" BIRDSBORO BEAM SLITTER

EQUIPMENT

MANUFACTURER: BIRDSBORO  
AGE: 1970

### GENERAL SPECIFICATIONS:

TYPE: ROTARY BEAM SLITTER FOR DIVIDING "H" BEAM INTO (2) "T" SECTIONS

NUMBER OF MULTS: 1

ENTRY BEAM DEPTH: 37" MAX., 6" MIN.

ENTRY FLANGE  
WIDTH: 17" MAX., 3.33" MIN.

WEB THICKNESS: 3/4" MAX., .23" MIN.

TENSILE STRENGTH: 80,000 PSI

YIELD STRENGTH: 60,000 PSI

KNIFE DIAMETER: 31" MAX., 27" MIN.

PRODUCT FLOW: LEFT TO RIGHT

DRIVE: 50HP, 230 VOLT DC, 575 RPM, MILL MOTOR  
FRAME MD610 SHUNT WOUND THROUGH  
COMBINATION GEARBOX PINION STAND WITH  
93:1 RATIO (AVAILABLE SEPARATELY)

- FEATURES:
- KNIFE ROLL NECKS SUPPORTED IN 7" DIA. ROLLER BEARING CHOCKS
  - MOTORIZED THREE-ROLL ENTRY AND THREE-ROLL EXIT TABLE WITH ADJUSTABLE SIDE GUARDS
  - EACH TABLE DRIVEN BY 7-1/2" HP, 230 VOLT,DC MOTOR, 900 RPM (AVAILABLE SEPARATELY)
  - MOTORIZED SCREWDOWN WITH 1HP, RPM, FRAME 143T AC MOTOR AND BLADE HEIGHT GAUGE
  - HYDRAULIC ROLL (KNIFE) BALANCE

SPACE REQUIRED: OVERALL 21'6" L X 19' W X 8' 8-5/8"H  
(FROM BOTTOM OF FOUNDATION)

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