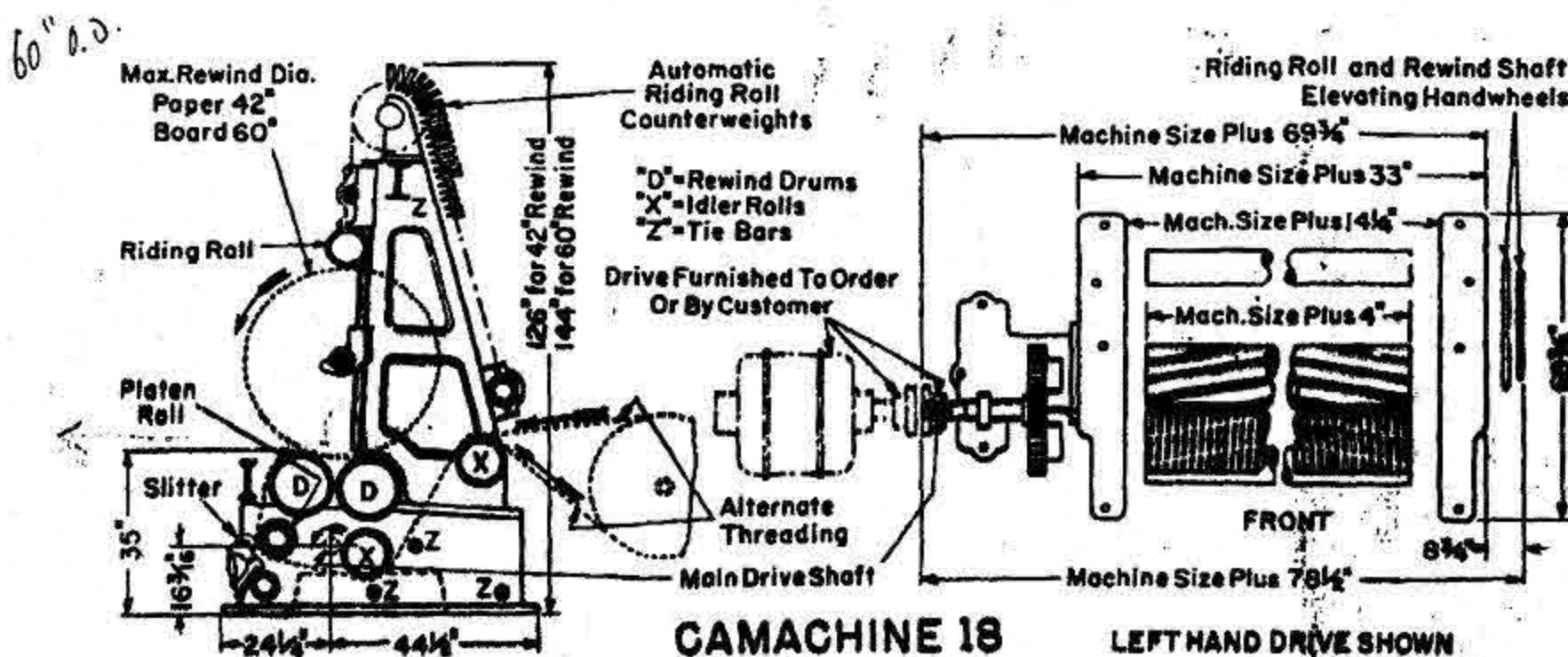


Specifications Camachine Type 18

slitter-winder and rewinder for paper or paper-board



SPEED: Designed and built to operate efficiently at desired speeds up to 2500 fpm, depending on characteristics of paper or paperboard. All rolls are dynamically balanced up to the maximum speed.

WIDTHS: Any width required from 73" to 150".

SLITTING: The Camachine Type 18 is built in two models. One using the score-cut principle and the other using shear-cut. When the score-cut principle is used the standard minimum width cut is $5\frac{1}{2}$ ", and with the shear-cut principle the minimum width is 6". Special slitting units can be furnished in both methods for cutting narrower widths.

DRIVE: Direct connected motor drive with adjustable low speed motor. If low speed motor is not available, high speed motor may be used with reduction gear, gear-motor combination or V-belt drive. Drive shaft ratio, 280 RPM per 1000 fpm. The machine can be provided with a clutch if preferred.

DIAMETER OF FINISHED ROLLS: Machine is built in 42", 60" or 72" maximum rewind diameter.

POWER CONSUMPTION: Minimum is 40 H.P.

WINDING DRUMS: 13-11/16" diameter, bored and turned seamless steel tubing. Camachine patented system of drum grooving removes wrinkles in web and assists in separation of rolls.

DRUMS JOURNAL BEARINGS: Spherical, self-aligning roller bearings. All other bearings on the machine are anti-friction, either ball or roller bearings.

GEARS: All gearing is heavy-duty, made of suitable alloy steel or Textolite for long life and quiet operation.

PLATEN ROLL: 9-5/16" diameter polished flint hard steel in removable section 11" or 18" long mounted on forged or cast steel tubing, and dynamically balanced to 2500 fpm.

RIDING ROLL: 8-1/4" diameter bored and turned seamless steel tubing, dynamically balanced to the maximum operating speed, and driven by belt off gearing from main drive.

IDLER AND COMPENSATING ROLLS: 10-1/4" diameter.

AUTOMATIC COUNTERWEIGHTING: Patented automatic counterweighting device provides a heavy riding roll pressure at the start of the run and a decreased pressure as the diameter of the rewound roll increases. Similar and additional effect is obtained through the rewind shaft bearings on the rewind shaft by means of rewind counterbalance cast.

STANDARD EQUIPMENT: Five pneumatically controlled slitter units, three of which have shoe or roll type spreaders. Five extra slitter wheels with ball bearings and axles. One collapsible or two core-type rewind shafts up to 4" diameter. Air operated space bar. Belt driven riding roll and pneumatic brakes on winder drive and idler rolls.

Mechanical or regenerative tension control can be supplied with the machine at extra cost. Selection of the web tension control is dependent on nature of the operation and material to be run.

The Type 18 may be furnished with automatic roll ejection, hydraulic roll lowering table, air operated rack shaft brake and a slitter-grinder at extra cost.