

Tensor T-400BE Press



ENDURANCE DRIVEN, PROVEN CAPABILITY

High Production

- Speed of 40,000 IPH (optional upgrade to 45,000 IPH)
- Rapid makeready

High Print Quality

- Helical drive design on the gear train virtually eliminates dot distortion
- Tensor's unique "bearing-in-a-bearing" eccentric design provides optimum dynamic support of the blanket cylinders, reducing print disturbances
- Bearers on **both** the plate and blanket cylinders increase stability
- Reel rod type, narrow-gap blanket lock-ups reduce disturbance and maximize image area

Highly Automated Controls

- State-of-the-art drives and controls provide optimum efficiency with minimal waste
- Shafted or footprint shaftless drives with integrated logistics for all auxiliary equipment

High Design Standards

- Tapered journal design on plate cylinders provides improved stiffness for outstanding print *and* registration control
- Quick "no tool" plate change design encourages versatility of products

T-400BE UNITS CAN BE ADAPTED TO RUN WITH ANY SINGLE WIDTH PRESS LINE AND ARE AVAILABLE AS FLOOR UNITS MOUNTED ON A ROLL-STAND, 2-HIGH, 3-HIGH OR 4-HIGH ARRANGEMENTS.

T-400BE

STANDARD FEATURES AND SPECIFICATIONS

Plate & Blanket Cylinders

- Stainless steel clad cylinders provide unsurpassed durability and corrosion resistance
- Bearers on blanket *and* plate cylinders for added stability
- Motorized registration
- Ultra-narrow gap (1/16", 1.52mm) plate cylinders with register pin
- Reel-rod lock-up on blanket cylinders
- Timken tapered cylinder bearings
- Heavy-duty impression linkages and tapered journals ensure stability
- Helical drive gears with slip rim hubs

Inking & Dampening System

- Brush dampeners
- Swing-down cast iron ink fountains for rapid, easy color clean-up
- Self-sealing ink fountain ends
- Helical gear drive train
- 8 roller ink train with 2 ink forms
- Motorized ink fountain rollers with adjustable curve
- Nylon micrometric rollers and nylon vibrator rollers
- Bearing-mounted ink vibrators with positive seal feature

Operation & Drive System

- Line driven shaft configuration
- Oil bath gear housing with self-contained mechanical pump
- Spiral bevel ring and pinion gear for better mesh, longer life and a quieter, smoother running press
- Motorized sidelay on both cylinders
- Motorized circumferential on the #10 cylinder
- Motorized unit-to-unit register
- Centralized grease lubrication system
- Form roller throw-off shafts located outside of the rollers to eliminate ink build-up and maintenance issues
- Pneumatic throw-off for impression, ink form, dampener form and ink feed rollers with individual #10 and #13 controls
- Lexan drive side doors for easy visual inspection and maintenance
- Removable panels on operator's cover allow easy access to components
- Interlocked safety guards

Technical Specifications

RUNNING SIDELAY REGISTER:

- +.160" IN, -.160" OUT
- +4.06mm IN, -4.06mm OUT

RUNNING CIRCUMFERENTIAL REGISTER:

- +.060" Advance, -.060" Retard
- +1.5mm Advance, -1.5mm Retard

PRESS SPEED:

- 40,000 IPH
- 45,000 IPH available with oil cooling upgrade package

UNIT DIMENSIONS @ 36" WEB:

- 32"H x 75"W x 50"L
- 812mm H x 1905mm W x 1270mm L

UNIT WEIGHT:

- 6,200 lbs. (approx. ship weight)
- 2,812 kilos (approx. ship weight)

Available Options

- Footprint shaftless configuration with reverse inch
- Spray dampening
- Segmented ink fountain blades
- Water and ink controls at the console
 - > Non-linear tracking with press speed
- Automatic remote inking system
- Automatic register control systems
- Heatset or UV packages
- Optional oil cooling to increase speed to 45,000 IPH
- Chilled ink vibrators

Cutoff and Web Widths

CUTOFF:

- 19" through 27.6" (482mm through 700mm)

WEB WIDTHS:

- 29" through 40" (737mm through 1016mm)

THE SOURCE FOR SINGLE-WIDTH



10330 Argonne Woods Drive, Suite 300, Woodridge, IL 60517
p. 630-739-9600 f. 630-739-9339 www.ustensor.com