

# Tensor T-1400 Press



## ERGONOMICAL DESIGN, ECONOMICAL VALUE

### Value

- Maximum printing speed of 35,000 IPH
- Rapid makeready and quick “no tool” plate change design encourages versatility of product mix
- The optional reel-type blanket lock-ups reduce cylinder gaps and offer newsprint savings without sacrificing image area

### Design

- Unique “bearing-in-a-bearing” eccentric design provides optimum dynamic support of the blanket cylinders, reducing print disturbance
- Stainless steel clad cylinders with unique tapered journal design add stiffness for improved print and registration control
- Arch geometry provides enhanced ergonomics for ease of maintenance

### Endurance

- Thousands of T-1400 units in operation worldwide
- Eccentric design provides unsurpassed durability in the critical frame bore area, thus providing very long equipment service life
- Centralized lubrication and pneumatics are standard features on the Tensor T-1400 series press; optional motorized registration available

TENSOR'S T-1400 UNITS ARE AVAILABLE AS FLOOR UNITS MOUNTED ON A ROLL-STAND, 2-HIGH, 3-HIGH OR 4-HIGH ARRANGEMENTS, AND CAN BE ADAPTED TO RUN WITH ANY PRESS LINE.



# T-1400

## STANDARD FEATURES AND SPECIFICATIONS

### Plate & Blanket Cylinders

- Stainless steel clad cylinders provide unsurpassed durability and corrosion resistance
- Ultra-narrow gap (1/16", 1.52mm) plate cylinders with register pin
- T-bar lock-up on blanket cylinders
- Timken tapered cylinder bearings
- Heavy-duty impression linkage
- Teflon sleeved plate eccentrics

### Inking System/Dampener System

- Continuous sock dampeners
- Swing-down cast iron ink fountains for rapid, easy color clean-up with improved lever style adjustments
- Self-sealing ink fountain ends
- 8-roller ink train with 2 ink forms
- 2 gear-driven oscillators per couple
- Nylon micrometric rollers and nylon ink vibrator rollers
- Gear-driven ink fountain rollers

### Operation & Drive System

- Line-shaft driven
- Spiral bevel ring and pinion gear for better mesh, longer life and a quieter, smoother running press
- Oil bath gear housing with self-contained mechanical pump
- Interlocked safety guards
- Centralized grease lubrication system
- Pneumatic throw-off for impression, ink form, dampener form and ink feed rollers with individual #10 and #13 controls
- #10 side running circumferential register for easy register adjustments
- Easy access polycarbonate drive side doors, easy visual inspection & maintenance
- Operator's cover has removable panels for quick access to components

### Technical Specifications

#### RUNNING SIDELAY REGISTER:

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

### Technical Specifications (CONTINUED)

#### RUNNING CIRCUMFERENTIAL REGISTER:

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

#### PRESS SPEED (MAXIMUM):

- 35,000 IPH

#### UNIT DIMENSIONS @ 35" WEB:

- 32" H x 68" W x 43"L
- 812mm H x 1727mm W x 1092mm L

#### UNIT WEIGHT:

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

### Available Options

- Footprint shaftless configuration with reverse inch
- Spiral brush dampeners or spray bars
- Motorized ink fountain rollers with proportional inking
- Segmented ink fountain blades
- Narrow gap reel-type lock-up blanket cylinders
- Automatic remote inking system
- Automatic register control system
- Motorized sidelay and circumferential control
- Motorized full page compensators
  - > Non-linear tracking with press speed
- Heatset or UV packages

### 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



Tensor Group, Inc

10351 Rising Court • Woodridge, IL USA 60517 • p. 630-739-9600  
800-471-2800 (USA only) • f. 630-739-9339 • [www.tensorgroup.com](http://www.tensorgroup.com)