

Tensor T-460 Press



SUPERLATIVE PRESS PERFORMANCE

- Speed up to 50,000 IPH (with unit shaftless drive)
- Speed up to 46,000 IPH (with footprint shaftless drive)
- Three ink form roller design
- Robust construction – 35,000 lb (15,876 kilos) 4-high tower

Outstanding Print Quality

- Three ink form rollers with three ink vibrators for high coverage inking capability
 - Engineered specifically to maximize print results with third ink form roller design
 - Large capacity ink fountains
 - Ink form rollers swing out for easy plate-up access on both sides of the press
- High-strength cast iron frames for outstanding stability and endurance
- Full bearer press design for enhanced dot reproduction and the ability to print fine screen work
- Bearing-in-a-bearing technology offers full cylinder support at high press speeds when using conventional narrow gapped blanket technology
- Ability to run 3-across formats up to 40" web widths

Highly Automated Controls

- State-of-the-art drives and controls provide optimum efficiency with minimal waste
- Footprint shaftless drive system with integrated logistics for all auxiliary equipment (optional unit shaftless drive system available)

Innovative Design

- Drive side oil lubrication
- Plate cylinder design provides increased rigidity for outstanding print *and* registration control
- Quick "no tool" plate change design encourages versatility of products

THE TENSOR T-460 PRESS DELIVERS OUTSTANDING PRESS PERFORMANCE

Third Ink Form Roller—Proven Bearing-in-a-Bearing Design—Fast Makeready

RESULTING IN OUTSTANDING PRINT QUALITY



Tensor Group, Inc

T-460

STANDARD FEATURES AND SPECIFICATIONS

Plate & Blanket Cylinders

- **Stainless steel clad cylinders** provide unsurpassed durability and corrosion resistance
- **Stainless steel bearers on blanket and plate cylinders** for added stability
- Ultra-narrow gap (1/16", 1.52mm) plate cylinders with register pin
- Heavy-duty impression linkage
- Helical drive gears with slip rim hubs

Inking & Dampening System

- Spiral brush dampeners
- Swing-down, **high capacity** cast iron ink fountains for rapid, easy color clean-up
- Self-sealing ink fountain ends
- **Three ink form rollers** with three ink vibrators
- Helical gear drive train
- Motorized ink and water fountain rollers
- Six ink vibrator drives per unit

Operation & Drive System

- **Footprint shaftless drive**
- Motorized sidelay on both cylinders
- Motorized circumferential on the #10 cylinder
- Motorized unit-to-unit register
- Forward and reverse inching for fast makeready
- Pneumatic throw-off for impression, ink form, dampener form and ink feed rollers with individual #10 and #13 controls
- Individual unit silencing
- 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
- Centralized grease lubrication system
- Form roller throw-off shafts located outside of the rollers to eliminate ink build-up and maintenance issues
- Customized heavy-duty platforming per customer requirements
- 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 (MAXIMUM):

- Up to 50,000 IPH (with unit shaftless drive)
- Up to 46,000 IPH (with footprint shaftless drive)

WEIGHT PER 4-HIGH:

- 35,000 lbs. (approx. ship weight)
- 15,876 kilos (approx. ship weight)

Available Options

- Independent unit shaftless drive
- Automatic register control systems
- Spray dampening
- Segmented ink fountain blades
- Oil cooling system for sustained high speed application
- Automatic remote inking system
- Chilled ink vibrators

Cutoff and Web Widths

CUT-OFF:

- 21" through 24.8" (530mm through 630mm)

WEB WIDTHS (CUT-OFF DEPENDENT):

- 36" through 40" (914mm through 1016mm)

THE SOURCE FOR SINGLE-WIDTH



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