

T-460 SERIES FOUR-HIGH ARRANGEMENT (standard)

The T-460 series 4-high arrangement is designed and constructed for speed up to 46,000 cylinder revolutions per hour. The T-460 is driven by a footprint shaftless drive system (unit shaftless drive system optional). Each unit of the 4-high is furnished with the following:

- Helical class 13 gears on the main cylinders
 - Helical gear train on the oscillator drive
 - Oil-lubricated oscillator bearings with positive seals on the drive side
 - Hardened stainless steel bearers on both the plate and blanket cylinders
- One (1) Set of covered inking and dampening rollers
- Two (2) Solid steel blanket cylinders (stainless steel clad) with (5) year warranty
- Four (4) Blanket cylinder eccentrics housed in a Timken bearing arrangement to eliminate side frame wear and cylinder bounce
- Two (2) Reel-rod type blanket lockup systems with narrow gap for an even draw down across the entire width of the blanket
- Two (2) Solid steel plate cylinders (stainless steel clad) with (5) year warranty
- Two (2) Ultra narrow gap 1/16" (1.52mm) plate cylinders with center register pin
- Two (2) Motorized #10 and #13 sidelay adjustment mechanisms for plate cylinders: adjustment +.160" (+4.06mm) IN, -.160" (-4.06mm) OUT
- One (1) Motorized running circumferential register mechanism for #10 side plate cylinder, adjustable to +.060" (+1.5mm) Advance, -.060" (-1.5mm) Retard. Can be controlled from operator's side of the unit
- Three (3) Motorized unit-to-unit phasers (with footprint shaftless drive). No phasers if drive system is unit shaftless.
- Two (2) Eccentric frame sleeves: operator's side
- Two (2) Swing-down, cast iron super-high capacity ink fountains (5" ink balls) with lever style ink fountain controls (remote inking system available) and self-sealing ink fountain ends and stainless steel covers
- Two (2) Motorized ink fountain rollers with press speed tracking
- Two (2) Twelve roller continuous feed undershot inking systems
- Four (4) Independently driven ink and water vibrators with pyramid covering
- Two (2) Micrometrics with pyramid covering
- Two (2) Outer form rollers have large swing out positioning for easy access for plate change, with independent control

- Two (2) Gear driven spiral brush dampener (spray dampening available as optional) systems with independent variable speed dampener rollers
- One (1) Set of safety guards
- One (1) Oil bath gear housing with self-contained mechanical pump
- One (1) Drive side door for easy daily inspection and cleaning
- One (1) Operator's side cover designed for easy access to all mechanical adjustments
- One (1) Pneumatic control of ink, water and impression
- One (1) Centralized grease lubrication system
- One (1) Top iron (per 4-high)
- One (1) Set of self supporting "cantilever" style four sided platform with stationary ladder on second level

Optional Features for the T-460:

- Unit shaftless (servo) drive system
- Spray dampening
- Segmented ink fountain blades
- Chilled ink vibrators
- Oscillating form rollers
- AC vector water and ink controls
- Oil cooling system for sustained high speed applications (mandatory for speeds over 40,000)

Specifications subject to change without notice.