



Tensor Group, Inc

STANDARD 1400 SERIES FOUR-HIGH ARRANGEMENT

The 1400 series four-high stacked unit arrangement is designed and constructed for 35,000 cylinder revolutions per hour and each unit is furnished with the following:

- One (1) Set of covered inking and dampening rollers
- Two (2) Stainless steel clad blanket cylinders (per unit)
- Four (4) Blanket cylinder eccentrics housed in a Timken bearing arrangement to reduce side frame wear and cylinder bounce
- Two (2) T-Bar blanket lockup systems for an even draw down across the entire width of the blanket (reel type optional)
- Two (2) Stainless steel clad plate cylinders (per unit)
- Two (2) Ultra narrow gap 1/16" slit plate cylinders
- Two (2) #10 and #13 sidelay adjustment mechanisms for plate cylinders: adjustment +1/8" (+3.3mm)
- One (1) Running circumferential register mechanism for #10 side plate cylinder, adjustable to +1/16" (+1.6mm) (per unit) controlled from operator's side of the unit.
- One (1) Set of press controls for operator's side of unit as well as inch/stop buttons between units
- Two (2) Swing down cast iron ink fountains for rapid, easy color clean up with lever style adjustments and self-sealing ink fountain ends
- Two (2) Eight roller continuous feed undershot inking systems geared to press speed with manually rotatable ink fountain rollers
- Four (4) Ink vibrators with Pyramid covering
- Six (6) Form roller throw-off bars: located on the outside of the rollers, eliminating ink build up on the inside of the rollers
- Two (2) Continuous feed dampener systems with independent variable speed dampener fountain rollers (sock type)
- One (1) Set of safety guards with interlocked safety switches
- One (1) Drive Side oil bath gear housing with self-contained mechanical pump
- One (1) Centralized grease lubrication system operator and drive side
- Two (2) Plexiglas drive side doors for easy daily inspection

- One (1) Set of spiral bevel ring and pinion gears for better mesh, longer life, quieter and smoother running at high speeds.
- One (1) Pneumatic control of ink, water and impression

Each Four-High stacked unit arrangement also includes the following:

- One (1) Top iron with two (2) pipe rollers and one (1) full page linear compensator for cutoff control
- Three (3) Unit to unit timing belts with circumferential register
- One (1) Base assembly: required spacers and web lead rollers with floor decking
- One (1) Four sided platform with stationary ladder

Specifications subject to change without notice.