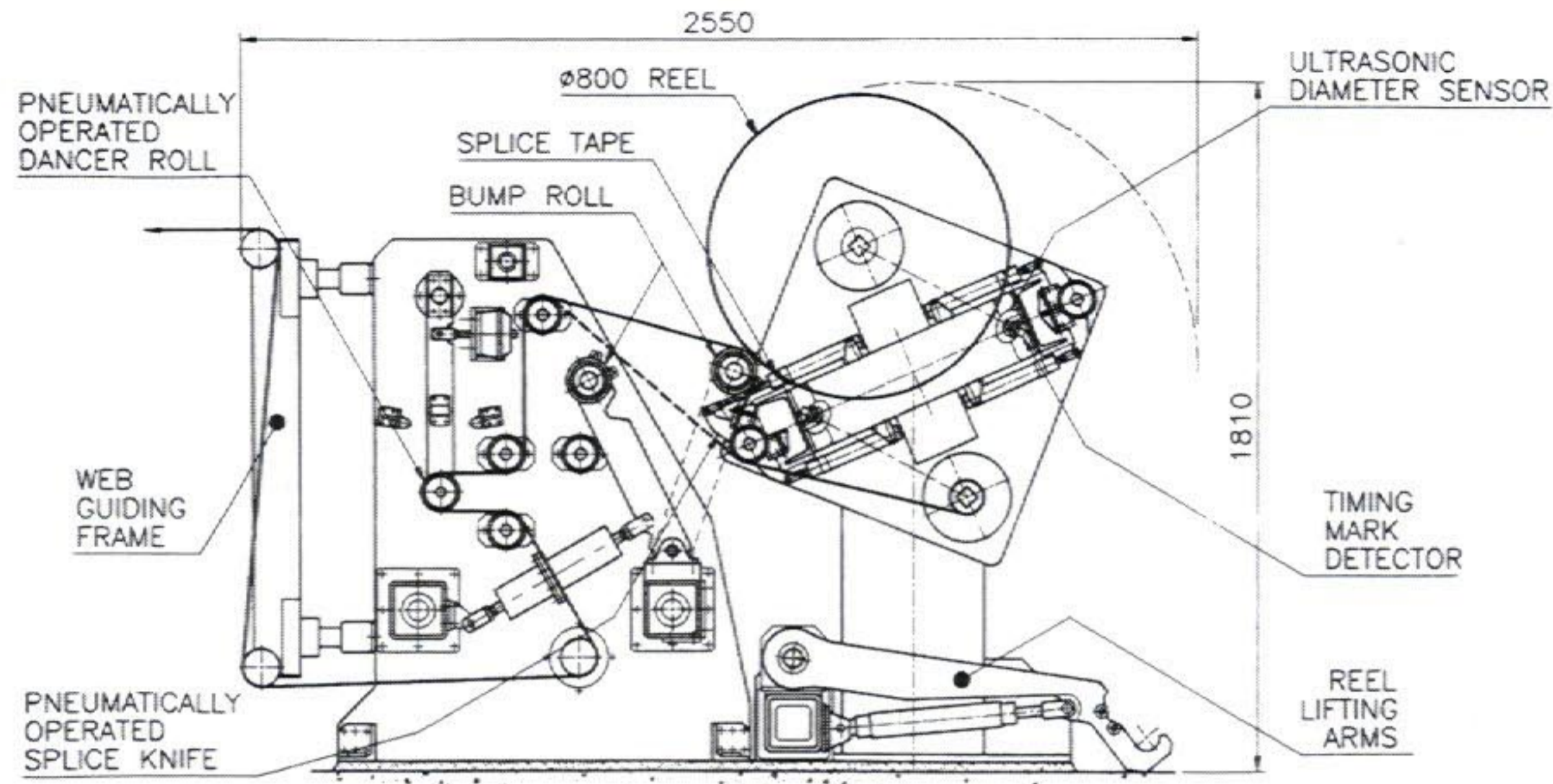


"COMBEX" REEL STANDS - COMBine Extra Features



LINE DRAWING OF "COMBEX" UNWIND STAND WITH FLYING SPLICE, SELF-LOAD & WEB-GUIDE

Construction & Function

"Combex" reel stands, as let-off or re-reeler are supplied integral with flying splice unit carrying also the dancer roll tension control sensor and if selected, web-guide and lifting arms. The rotating turrets have "phantom axis", rigid side frames and low profile. The unwind, as a new feature incorporates the splice cutting knives and operating air cylinders in a compact assembly upon the turret. The knives rotate about the axis of the web transport rolls and enable splices to be made from the top or bottom of the new reel. Cross frames carrying the knives and operating cylinders, support the ultrasonic reel diameter and splice timing mark sensors. No need now for tachometer belts or other reel contact devices to provide the signals necessary for speed synchronisation - specially important for the high speed handling of thin gauge films and other tender or pressure sensitive materials. Hydraulically operated lifting arms fixed to the base of the turret stand, service both stations of the turret with reels lifted from the floor and placed in position for the reel chucks to lock safely in position. The control of the turret, the reel tension and the splicing sequence is managed by the latest digital technology, and the operators desk and control cabinet are combined within a single enclosure, pre-wired and piped and requiring the absolute minimum of on-site cabling.

Features

- Winding and splicing over or under reel changed by a single switch stroke
- Picks up and loads from the floor
- Even controlled tension, 2-40Kg., by dancer roll and regenerative motors
- 'No-contact' sensing of surface speed and timing mark position
- Minimal (down to 20mm) un-glued tail at splice
- Optional 'end-of-reel' detectors enable automatic unattended splicing with minimum reel wastage
- Optional automatic web guiding
- Film or foil to 12 μ (with reduced tension range to 5 μ); paper 25-250gsm
- Web speeds to 500m/min to order
- 'Stand-alone' drives and controls or integrated with main machine

Specification for "Combex" Reel Stands and Integral Flying Splice Systems

S P E C I F I C A T I O N

Reel Sizes:	Width 300 - 1250mm	Diameter 300 - 800mm	Weight 1000Kg max
Web Speed:	Maximum, speed 50-500M/min.	Range 5-100% Speed max.	
Web Tension	20g/cm of max. web width - 1000g/cm max. width.		

Performance, illustrations and descriptions are typical, not specific, subject to change without notice as a result of continuing development.

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