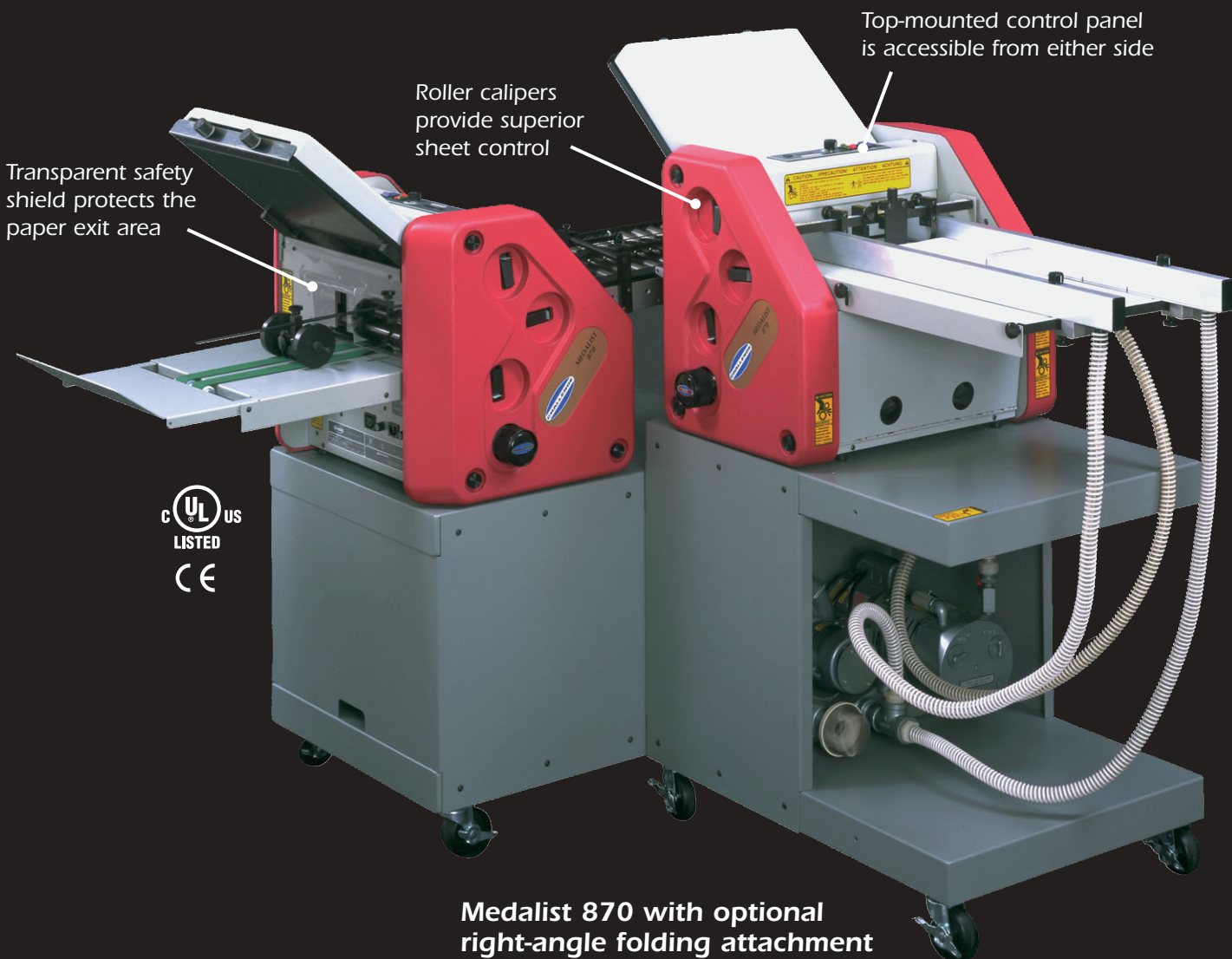


CHALLENGE PRODUCTS



MEDALIST 870 PAPER FOLDER



Transparent safety shield protects the paper exit area

Roller calipers provide superior sheet control

Top-mounted control panel is accessible from either side



Medalist 870 with optional right-angle folding attachment



MEDALIST 870

Floor-Model Features in a Table-Model Size

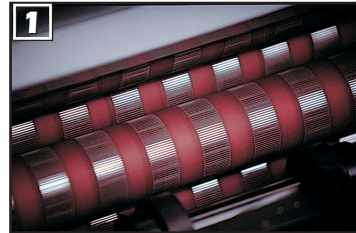
Versatility and Control. The Medalist handles stock from 4" x 6" to 14" x 20", including coated paper. Combination steel/rubber rollers (photo "1") and roller calipers deliver the tightest folds and offer superior control, especially on slick stocks. Air for lift and separation is produced by the regenerative blower; suction is created by the vacuum pump. This provides impressive sheet control for a wide range of stocks.

Outstanding Productivity. The Medalist folds up to 30,000 8½" x 11" sheets per hour, with mark-free output. On the feeder, a fully adjustable metallic sheet separator helps eliminate double feeds. During folding, precision roller calipers hold roller gap based on paper thickness. At the delivery, a unique jam detector system stops the feeder before problems become significant.

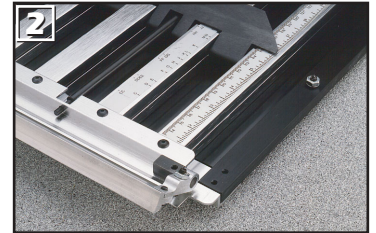
Designed for Convenience. A flip-up swing deflector (photo "2") lets stock bypass the fold plate. The feed table (photo "3") swings up for easy access to the lower fold plate. Perfing and scoring shafts are very accessible, for fast changes. The control panel (photo "4") has a built-in total counter and is accessible from either side. For even greater operator convenience, an extended delivery option is available.

Heavy-Duty Construction. The Medalist is built to last, and requires minimal maintenance. Rugged aluminum-alloy side frames, durable combination folding rollers, ultra-strong roll gears, heavy-duty slitter shafts, and vacuum feed help ensure long life and consistent accuracy. A transparent safety shield guards the paper exit area, and meets strict CE and UL safety standards.

Two-Plate Crossfold System. The optional right-angle attachment (shown on front) is formed by linking two Medalist folders with a unique roller conveyor system, which can be set up with either left or right output direction. As with floor-model folders, this system shifts the delivery to the end of the right-angle attachment. By ordering an additional feeder, blower & pump, and delivery components, the right-angle attachment can be transformed into another independent parallel folder to meet peak folding needs. Add the attachment now . . . or later, if your production requirements change.



Optimal performance. Challenge combination fold rollers deliver crisp, tight folds and provide superior control of slick paper stocks.



Quick & easy set-up. Flip-up swing deflectors allow set-up changes without fully removing fold plates.



Easy access. A swing-away feed table allows easy access to the lower fold plate.



Convenient operation. Accessible from either side, the control panel includes a counter and reset button.

Specifications — Medalist 870 Folder



STOCK HANDLING

Maximum Sheet Size	14" x 20" / 35.6 cm x 50.8 cm
Minimum Sheet Size	4" x 6" / 10.2 cm x 15.2 cm
Paper Weight	9# bond to 65# cover / 34 g/m ² to 176 g/m ²
Maximum Weight on Pile Feeder	13 lbs / 5.9 kg
Maximum Height on Pile Feeder	2" / 5.1 cm
Maximum Speed	30,000 SPH (8½" x 11")
Fold Roller Diameter	1½" / 3.8 cm

DIMENSIONS

Overall Height	26" / 66 cm
Overall Length	61½" / 156 cm
Overall Width	25" / 64 cm
Net Weight (approximate)	275 lbs / 124 kg
Shipping Weight (approximate)	300 lbs / 135 kg

ELECTRICAL

Standard Motor	120 Volt, 60 Hz, 1 Phase, AC, 15 Amps. Service size 20 Amps.
Optional Motor	240 Volt, 50 Hz, 1 Phase, AC, 10 Amps.

Challenge reserves the right to make changes to any product or specification without notice and without incurring responsibility to existing units.
© Challenge is a registered trademark of The Challenge Machinery Company.

Get the Edge. Contact your authorized Challenge dealer today for more information on how the Medalist can help your print shop stay a step ahead of the competition. You can count on Challenge dealers for qualified service and original-equipment Challenge parts.

For information on this and other Challenge products, call your local Challenge dealer or for the dealer nearest you contact:

The Challenge Machinery Company

1433 Fulton Avenue, Grand Haven, MI 49417-1594 U.S.A.

616-842-8300

www.ChallengeMachinery.com

