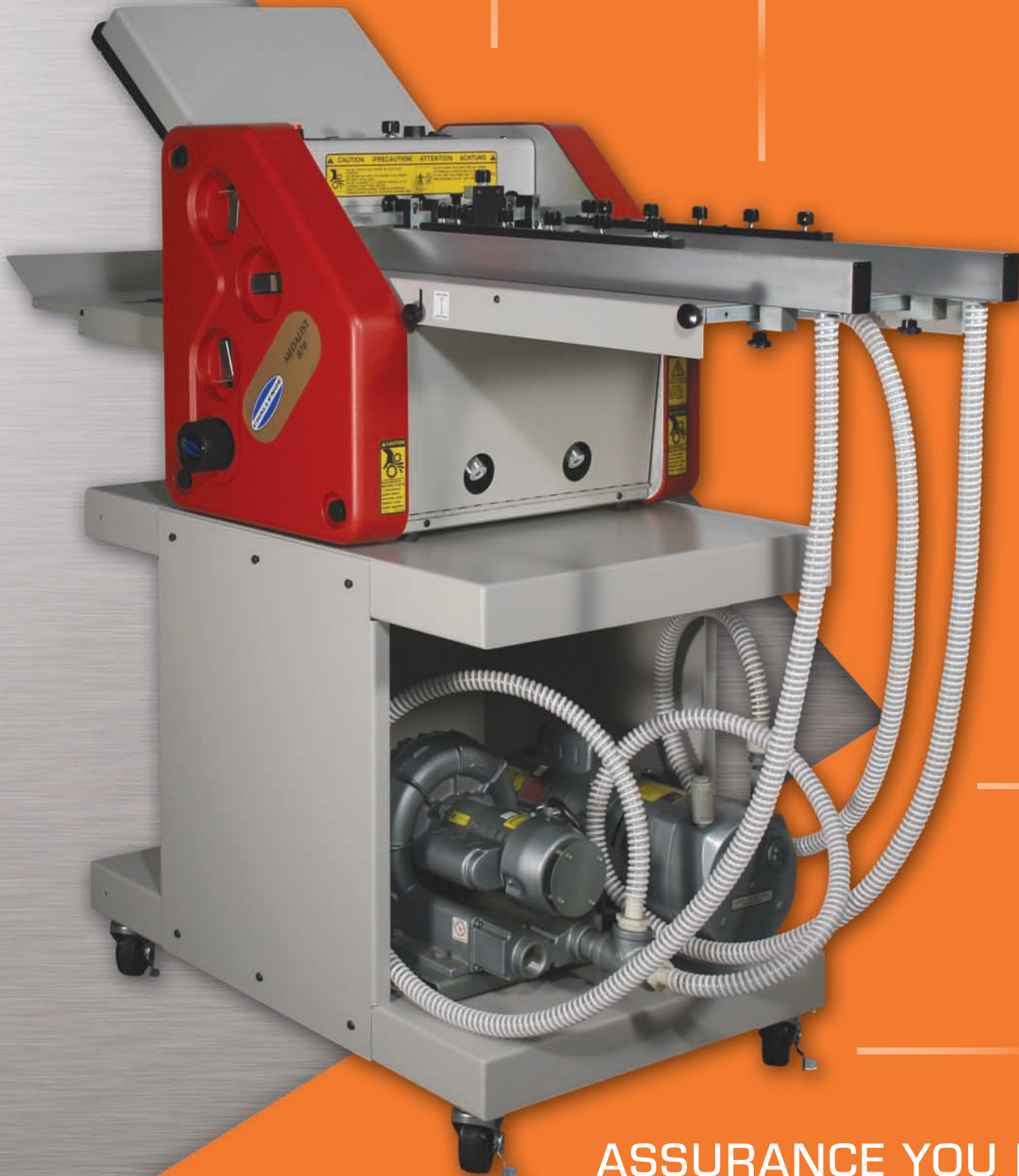




# MEDALIST 870 PAPER FOLDER



ASSURANCE YOU MADE  
THE RIGHT DECISION

# MEDALIST 870 PAPER FOLDER

## FEATURES

### 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 PERFORMANCE

The Medalist folds up to 30,000 8-1/2" x 11" (28,000 A4) 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. 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 safety standards.

### 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.

## SPECIFICATIONS

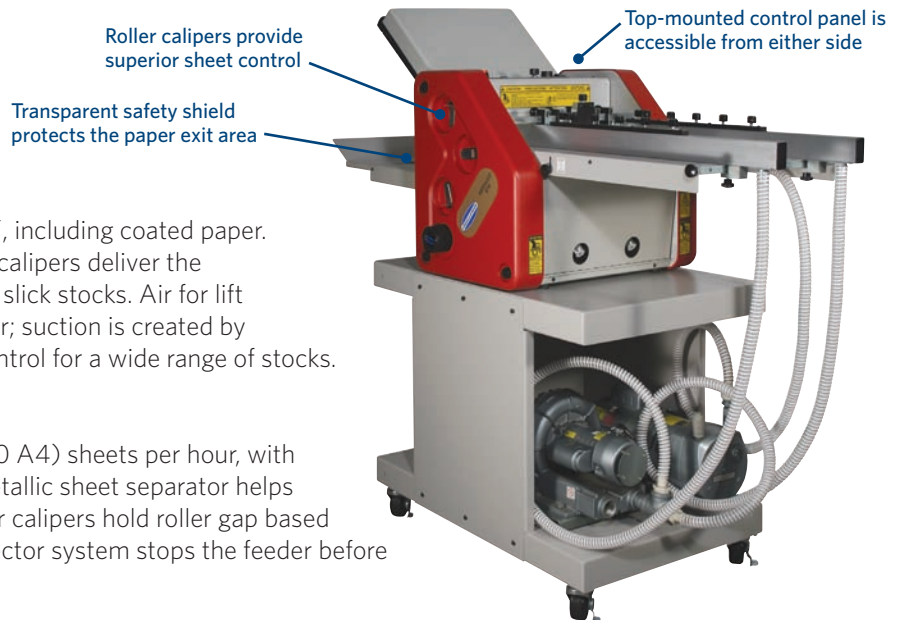
- Maximum Sheet Size 14" x 20" / 35.6 cm x 50.8 cm
- Minimum Sheet Size 4" x 6" / 10.2 cm x 15.2 cm
- Paper Weight 9# bond to 65# cover / 34 g/m<sup>2</sup> to 176 g/m<sup>2</sup>
- Maximum Weight on Pile Feeder 13 lbs / 5.9 kg
- Maximum Height on Pile Feeder 2" / 5.1 cm
- Maximum Speed 30,000 SPH 8-1/2" x 11" (28,000 A4)
- Fold Roller Diameter 1-1/2" / 3.8 cm
- Overall Height 26" / 66 cm
- Overall Length 61-1/2" / 156 cm
- Overall Width 25" / 64 cm
- Net Weight (approximate) 275 lbs / 124 kg
- Shipping Weight (approximate) 475 lbs / 216 kg

## ELECTRICAL CE

- 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.

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Challenge reserves the right to make changes to any products or specifications without notice and without incurring responsibility to existing units.



**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.

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