ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Blown Film Knives, Blades & Breaker Plates

Specialized cutting and filtration components for blown film production lines. Includes oscillating knives, slitter blades, and breaker plates for bubble control and film cutting.

SPECIFICATIONS

Specification	Details
Knife Types	Oscillating, rotary, stationary
Blade Thickness	0.010" to 0.125"
Breaker Plate Sizes	2" to 24" diameter
Hole Patterns	60°, 90° standard patterns
Hardness	58-65 HRC for blades
Surface Finish	Mirror polish available

AVAILABLE OPTIONS

Option	Description
Oscillating Knives	Back-and-forth cutting motion
Rotary Knives	Continuous rotating cut
Hot Knives	Heated for clean sealing cuts
Breaker Plates	Standard hole patterns
Custom Breaker Plates	Application-specific designs
Air Rings	Cooling and sizing components

MATERIALS

Material	Properties / Applications
D2 Tool Steel	Standard blade material

M2 High-Speed Steel	High-speed cutting applications
Carbide	Maximum wear life
4140 Steel	Breaker plate material
Stainless Steel	Corrosion-resistant breaker plates
Nitrided Steel	Surface-hardened for wear

OEM COMPATIBILITY

Compatible with equipment from: Gloucester, Windmoeller & Hoelscher, Alpine, Macchi, Davis-Standard, Hosokawa Alpine, Bandera

APPLICATIONS

• Blown film slitting • Lay-flat cutting • Edge trim cutting • Melt distribution • Pre-filtration • Die feeding

INDUSTRIES SERVED

• Blown film production • Flexible packaging • Agricultural film • Shrink film • Stretch film • Barrier films

ADDITIONAL NOTES

Custom breaker plate hole patterns available. Blade resharpening services offered.

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