

Buying Guide 2026

Essential Technical Specifications for Film Blowing Lines

1. Core Production Capacity

Width & Gauge: Confirm target layflat width and thickness range (15-150 microns). Precision at the thin end determines machine quality.

True Output: Demand output rates based on your specific micron gauge. Don't rely on theoretical maximums without cooling proof.

Layer Structure: Plan for Mono, ABA, or 5-layer. ABA remains the cost-efficiency champion for 2026 recycled material usage.

2. Efficient Cooling Architecture

Dual-Lip Air Ring: High stability via Venturi effect, allowing higher frost lines.

IBC System Required: Essential for outputs exceeding 150kg/hr to maintain bubble integrity.

Energy Advantage: 15-25% output improvement at the same energy draw.

3. Material Strategy: PCR & Bio

PCR Compatibility: 2026 regulations demand high recycled content. Confirm continuous melt filtration and screw geometry.

Biodegradable Ready: Low melt strength requires precise cooling and torque control.

4. Operational Excellence

| System | Standard in 2026 | Why it Matters |
|--------------|--------------------|------------------------------------|
| Drive System | Full Servo Control | Energy saving (30%) & precise sync |
| Smart Tech | OPC-UA / MQTT | Remote diagnostics & OEE data |
| Filtration | Continuous Changer | Reduces downtime for PCR runs |

5. Footprint & Spare Parts

Utility Readiness: Verify electrical supply, chilled water, and compressed air before site prep.

Critical Spares: Demand a 'Year 1' kit (Die heaters, thermocouples) for immediate recovery.

Contact: www.yxfilmblowingmachine.com | contact@yxfilmblowingmachine.com | +86 13771616165

