



THE SERVTEC EXPERIENCE “MIDLIFE BOOST”

LIFECYCLE SERVICE

Midlife Boost

The Servtec Experience

- Upgrade your existing equipment to the latest technology and **benefit** from:
 - Enhanced production **efficiency** combined with **reduced energy** consumption
 - Increased **film quality and yield**
 - enhanced **flexibility** with the option to produce **new products**



Focusing on Your Needs

Boosting your line's profitability and sustainability

**We want to
improve the
film quality**

**We want a
increase the
yield**

**We want to
run new
products**

**We want to
achieve
sustainable
production**

Improving Energy Efficiency

Reduce production costs

- Direct-drive technology for better film quality and reduced energy consumption
- Reuse energy with the TDO heat-recovery system
- Direct flake dosing to reduce waste film regrainulation need

and more...



We want to
achieve
sustainable
production



Increasing the Yield

Profitability is the key

- Twin-screw software upgrade to increase availability and efficiency
- Inline MOA (Molecular Orientation Angel) sensor measurement for higher A-grade yield
- TDO Neutral Zone for reducing equipment contamination combined with higher line availability

and more...



We want to
increase
the yield

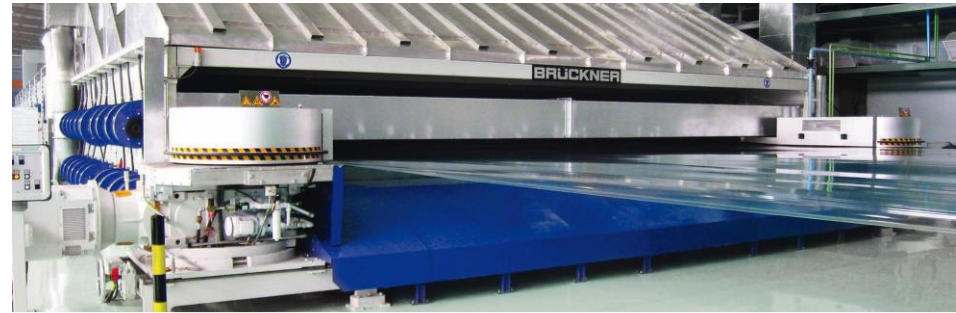


Film Quality Improvement

Reduce production costs

- LIWIND® winding system to increase winding quality
- New thickness gauge
- Clean oven concept
- Process audits by experts

and more...



Clip and Chain Refurbishment

Keeping up the availability

- Free of charge investigation service
 - Optical inspection
 - 100% dimensional control
 - Investigation report
- Worldwide exclusive refurbishment centres with certified quality standards
 - Colombia, India, Thailand, China, Slovakia
- Professional OEM quality refurbishment
 - Best treatment of chain and clips



New Products

Conquer new markets

■ Line Transformation Packages

- BOPP Multilayer incl. UHB
- BOPP to BOPE
- BOPET to BOPLA
- Inline Coating Technology

and more...



We want to
run new
products



Audits and Consultancy

Benefit from our expertise

- Electrical, Mechanical and Process audits tailored to your demands
- Detailed investigation by experiences senior specialists
- Identification of potentials and recommendations for actions
- Reporting and presentations of findings on-site including handout





Selected upgrades and service overview

Service	Description	Service	Description
Twin screw extrusion	Reduce energy consumption, increased output and flexibility with state-of-the-art extrusion	BOPE line conversion	Transform your existing BOPP production line to hybrid production of PP and PE
Direct drive upgrade for MDO and Chillroll	Reduced energy consumption and increased film quality	BOPP stone paper	Resource friendly production and easy recycling
Machine condition monitoring	Preventive Maintenance increasing the production availability	In-line haze measurement	Optimized quality control and increased line efficiency
Low- and high- pressure air Knife	Higher quality of cast film and reduced startup time	PIV extruder gearbox for KMB extrusion	Modular design with improved clutch and integrated MCM
Fast product change	Simplified recipe change procedure for highest availability	Electrostatic pinning for BOPET	Modular design for fast and easy maintenance
BOPP MDO double nip	High speed stretching for sensitive films	Pleated filter candle	Improved melt filtration with increased cleaning interval
IPC upgrade	Up-to-date performance for existing production lines	Chillroll waterbath hybrid cooling	Major energy saving potential with intelligent control
Heat Recovery System	Major energy saving potential	...	

SERVING
YOUR
SUCCESS

