buhrs®

The fastest flexible wrapping system

In the development of the Buhrs 7000 Poly and Paper wrapping system, Buhrs has combined flexibility with high net output in an ergonomic system.

With the Buhrs 7000 it is not necessary to stop the system between two different jobs, thereby increasing productivity enormously! Three main features make this possible. The feeders are synchronized automatically (AFS) with the gathering chain of the system, and will be engaged automatically based on information from the database (BDC). By measuring the length of the product just before the wrapping section, the Automatic Wrapping Set-up function (AWS)

enables the wrapping unit to automatically set itself and adjust the seal position on the fly when necessary. It is, of course, possible to use Poly wrapping in combination with BuhrsWrap, which guarantees tightly wrapped products without any overlap.

Buhrs 7000 (optional) features include:
• Automatic Feeder Synchronization (AFS)
• Automatic Wrap Set-up (AWS)
• Buhrs Data Controller (BDC) with a database link
• Buhrs mobile feeders for left, right and in-line feeding

Technical Specifications

Mechanical speed
Poly wrapping
- Maximum 25,000 products/hour
Paper wrapping
- Maximum 18,000 products/hour

Wrapping materials
- Film: 8 - 80 μm
(PE, PP, others tested on request)
- Paper: 70-130 g/m², Regular, recycled, Kraft, envelope and inkjet paper

Product dimensions (l x w)
- Minimum 160 x 100 mm / 6.3" x 3.9"
- Maximum 420 x 300 mm / 16.5" x 11.8"

Product thickness
- Minimum single sheet (60-80 g/m2)
- Maximum 35 mm / 1.4"
(Optional 80 mm / 2.4")
- Maximum variation 4 mm / 1/8"
(Optional 20 mm / 6/8")

Power requirements
- Supply: 400V ±10%, 50/60Hz,
3ph + 0 + ground
- Compressed air: 6 bar
- System is equipped with an internal vacuum system
- Consumption depends on the machine configuration

Buhrs 7000 Features	Your benefits
AFS	Automatic synchronization of feeders with the gathering chain of the system. Setting
AWS	The wrapping unit sets and adjusts itself automatically • Less rejects • Less 'sausages'
Servo-driven seal mechanism	Low noise level High sealing quality Lower maintenance costs because of less
Motorized adjustments and automatic settings	Short make-ready times because of repro-ducibility
Touch screen panels	Short make-ready times Short learning curve Storable job settings (up to 100 jobs)
Pneumatic shafts	Fast changeover of poly reels
BuhrsWrap	Tightly wrapped products without any
Buhrs mobile feeders	Flexible feeder positioning Change of feeder position within one mi-nute Ergonomically designed, loading from 3
On-line diagnostic S	Remote monitoring, diagnostics, trouble-shooting and software upgrades minimize the system's downtime, and reduce service and maintenance costs to an absolute

Buhrs Service

- Telephone helpdesk
- Preventive & Corrective maintenance
- Spare Parts
- Extension of systems
- Installation and relocation of systems
- Training
- Production support
- Productivity audit
- Remote diagnostics