

## STRETCH & PRE-STRETCH FILM



INDUSTRY 4.0

- Hand rolls
- Machine rolls
- Cling film rolls
- Rolled-back rolls

# RES-08

## Technical features

Dimensions	1.390 x 1.710 x 2.040 mm
Weight	795 kg
Motors	2 servo driven brushless motors
Installed power	21 kW
Power Supply	400V ~ 50 Hz
Average electricity consumption	Approx. 4 kWh
Air supply	6 bar
Air consumption	Approx. 60 NI/min
Display	7" touch screen colour display

## Mother rolls

Cardboard core internal Ø	76 mm
Max. weight supported	83 Kg
Max. external Ø	480 mm
Min. material width	400 mm (opt. 300 mm)
Max. material width	600 mm
Material thickness	5 -50 µm*

## Finished rolls

Cardboard core internal Ø	50 mm, 76 mm
Opt. cardboard core internal Ø	Depending on customer's requirements
Max. weight	18,2 kg*
Max. external Ø	250 mm
Cardboard Cores Hopper Capacity	Up to 150 cores Ø 38 mm Up to 90 cores Ø 50 mm Up to 30 cores Ø 76mm

\* Depending on material type and accessory used

\*\* 6.000 m long each

## Performances

Max. rewinding speed	1.700 m/min*
150 m roll cycle time	Approx. 11"*
250 m roll cycle time	Approx. 14"5*
500 m roll cycle time	Approx. 23"5*
1.500 m roll cycle time	Approx. 59"*
8 hours avg output for 150 m rolls (Ø 50 mm)	55 mother rolls**
8 hours avg output for 250 m rolls (Ø 50 mm)	67 mother rolls**
8 hours avg output for 500 m rolls (Ø 76 mm)	80 mother rolls**
8 hours avg output for 1.500 m rolls (Ø 76 mm)	92 mother rolls**

## Sensors and Control Systems

Presence of cores sensor	<input checked="" type="checkbox"/>
Film wrapped on cylinder sensor	<input checked="" type="checkbox"/>
Material presence sensor	<input checked="" type="checkbox"/>
Hot wire fault sensor	<input checked="" type="checkbox"/>
Electronic rewinding tension control	<input checked="" type="checkbox"/>
Pneumatic lifting of the mother roll	<input checked="" type="checkbox"/>
Motorized system for mother roll centering	<input checked="" type="checkbox"/>
Hot-wire adjustable cutting system	<input checked="" type="checkbox"/>
Automatic change of the output roll	<input checked="" type="checkbox"/>
Material rewinding by pre-set of meters	<input checked="" type="checkbox"/>
Material rewinding by calculation of diameter or weight of the finished roll	<input checked="" type="checkbox"/>
Kit for the production of finished rolls with air	<input checked="" type="checkbox"/>

## OS and functions

Operative System	<b>Maklaus Genuine HMI OS</b>
Remote assistance capability	<input checked="" type="checkbox"/>
Industry 4.0-Ready software	<input checked="" type="checkbox"/>
Intuitive HMI with multi-language operator and maintenance menu	<input checked="" type="checkbox"/>

## Optional equipment

Mother roll automatic alignment system	<b>Available</b>
Finished rolls indexing table	<b>Available</b>
Kit for rewinding on cores Ø 38 mm	<b>Available</b>
End of mother roll sensor	<b>Available</b>
Finished rolls diameter-control system	<b>Available</b>
Upside-down rewinding system	<b>Available</b>

## Accessories

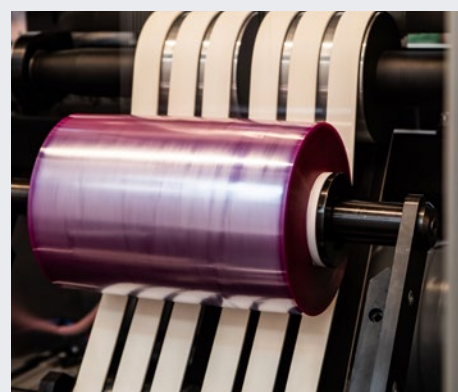
Pre-stretch	<b>N/A</b>
Mini-roll	<b>N/A</b>
Mini-roll Automation	<b>N/A</b>
ALI-kit for food grade material	<b>Available</b>
Pre-cut	<b>N/A</b>
Rollback	<b>Available</b>

\* Depending on material type and accessory used

\*\* 6.000 m long each

## ALI-KIT FOR FOOD GRADE MATERIALS

Food grade certified rubber coomponents	<input checked="" type="checkbox"/>
Blade cutting system	<input checked="" type="checkbox"/>
Rollback accessory	<b>Option</b>



Technical specifications may vary depending on the release version.

