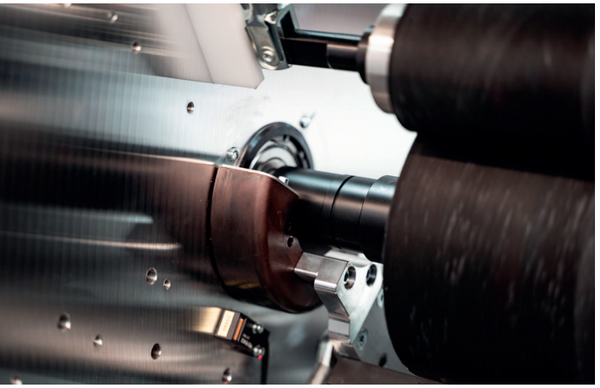
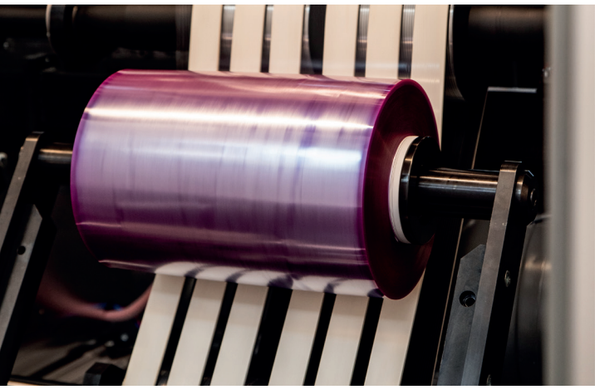




Optional Equipment

ALI-KIT FOR FOOD GRADE MATERIALS

Food grade certified rubber belts, food grade certified rolls, and heatless cutting system will replace standard parts on the machine to prevent any contamination of the food grade material during the rewinding process.

ROLL-BACK FOR ALI-KIT

Positioned after the unloading cradle, it winds the finished rolls back, using an adjustable number of rotations. This allows to produce a ripple that simplifies tearing the first sheet of material, for an improved customer experience.

CUSTOM DEVELOPMENTS

At Maklaus we can customize all the machine features depending on the customer actual production needs.

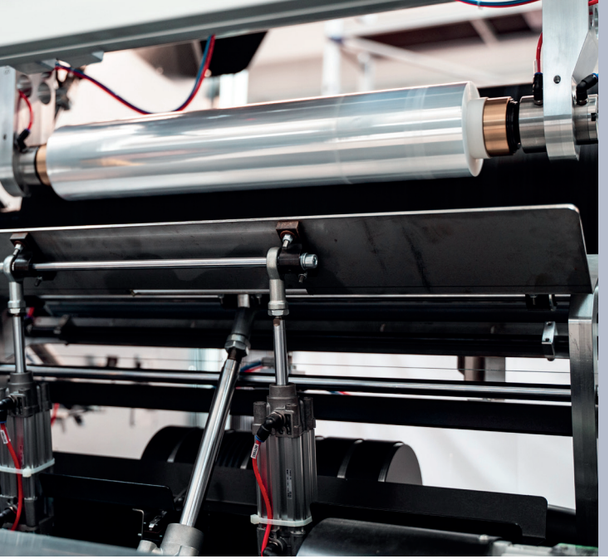
PDF version

Via Lombardia, 26 - 21018 Sesto Calende (VA) - Italia - T: +39 0331 155016 - info@maklaus.com

www.maklaus.com

Maklaus

RES-08



The Fastest Solution for rewinding stretch film

Description

RES-08 is Maklaus fastest fully automatic rewinding unit.

Fast. Featuring two high performance servo driven brushless motors, RES-08 can reach rewinding speeds of up to 1.700 m/min* guaranteeing higher productivity and low maintenance costs.

Compact. RES-08 compact structure allows great versatility and performances with a small footprint on the factory spaces.

Designed for simplicity. All manual operations including maintenance can be easily performed.

Connected. RES-08 supports internet connection thanks to a last generation HMI and a dedicated software. Send job orders to the machine directly from your ERP and activate online connection for remote assistance to reduce machine down times when assistance is needed**.

* Depending on the mother roll material quality

** Internet connection and software integration requested. Contact Maklaus to check ERP compatibility.

Watch it at work

Technical features

Max. rewinding speed	**1700 m/min***
Max. diameter of mother roll	**480 mm**
Max. weight of the mother roll	**83 Kg**
Max. width of mother roll	**600 mm**
Mother roll core diameter	**76 mm**
Max. diameter of finished roll	**250 mm**
Max. weight of finished roll	**18,2 kg**
Max. width of finished roll	**600 mm**
Finished roll internal diameter	**50 mm, 76 mm** (opt. 30, 32, 38, 42 mm - custom diam. available)
Max. material width	**600 mm**
Min. material width	**350 mm** (opt. 300 mm)
Material thickness supported	**5 - 50 µm***
Carboard Core Hopper Capacity	**up to 150 cores** diameter 38mm **up to 90 cores** diameter 50mm **up to 30 cores** diameter 76mm
Motors	**2 servo driven brushless motors**
Installed power	**21 kW**
Average consumption kWh	**Approx. 4 kWh**
Voltage	**400 V**
Air pressure	**6 bar**
Compressed air consumption	**Approx. 60 Nl/min**
Dimensions	**1390 x 1710 x 2040 mm**
Weight	**795 kg**
Presence of cores sensor	☑
Film wrapped on cylinder sensor	☑
Material presence sensor	☑
Touch screen display	**5,7" colour display**
Remote connection	☑
Industry 4.0 Ready	☑
Intuitive touchscreen with multi-language operator and maintenance menu	☑

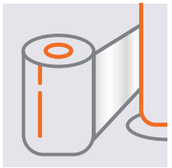
Cycle production time	**Approx. 11 sec for a 150 m roll*** **Approx. 14,5 sec for a 250 m roll*** **Approx. 23,5 sec for a 500 m roll*** **Approx. 59 sec for a 1.500 m roll***
Electronic rewinding tension control	☑
Pneumatic lifting of the mother roll	☑
Motorized system for centering of the mother roll	☑
Mother roll automatic alignment system	**Option**
Automatic change of the output roll	☑
Rewinding of material by pre-set of meters	☑
Production in 8 hours, including Jumbo change	**Transformation of approximately 55 Jumbos of 6000 m each** (finished rolls of 150 m on 50mm cores) **Transformation of approximately 67 Jumbos of 6000 m each** (finished rolls of 250 m on 50mm cores) **Transformation of approximately 80 Jumbos of 6000 m each** (finished rolls of 500 m on 76mm cores) **Transformation of approximately 92 Jumbos of 6000 m each** (finished rolls of 1500 m on 76mm cores)

** Depending on material type and accessory used*

Products

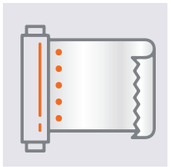
Stretch & Pre-stretch film

Hand rolls



Machine rolls

Cling film rolls



Rolled-back rolls

INDUSTRY 4.0