

Technical Data

W1000

The ring is driven by a flat belt via a frequency regulated gearmotor, the speed on the motor can be regulated continuously variable between 10 and 15 rpm.

The belt conveyor is driven by a frequency regulated motor, belt speed can be regulated continuously variable between 5 and 20 metres/minute.
The swing arm is driven by a frequency regulated gearmotor, rotation speed can be regulated continuously variable between 4 and 12 rpm.

Bale Size:
Length 2000mm. Max
Width 1100mm
Height 1100mm
Weight 2000kg. Max
Option for bigger bales

Capacity:
When double wrapping a 2000mm long bale the capacity will be up to 40 bales per hour with 3 film layers.

Stretch Film:
All known types of stretch film on machine reels.
Core diameter 76 mm (standard) max film roll weight is 32 kg.
Film width 500mm (standard)
Recommended film type; 25 micron blown film.

Construction:
Robust sectional and welded steel plate construction.
Option for galvanized

Machine Size:
Height 4127mm
Length 15200mm
Width 4000mm

Power Supply:
3 x 400V,50Hz, N, and PE.
Overall motor output 30kw
Overall power consumption 50A CEE

Control System:
The REO-PACK W 3000 is controlled by an Siemens S7 1200 PLC with TP 700C HMI. The motor is controlled by a Siemens Frequency converter.
Programmable Options:
Number of bottom wraps
Number of top wraps
Adjustment of stretch film tension
Adjustment of film overlap
Possibility to use the machine as bypass
Errors shown on text display

Manual Options:
Manual operation of film cutting
Manual upward / downward film carriage
Manual positioning of the swing arm
Manual control of all conveyors

W3000

The ring is driven by a flat belt via a frequency regulated gearmotor, the speed on the motor can be regulated continuously variable between 10 and 15 rpm.

The belt conveyor is driven by a frequency regulated motor, belt speed can be regulated continuously variable between 5 and 20 metres/minute.
The swing arm is driven by a frequency regulated gearmotor, rotation speed can be regulated continuously variable between 4 and 40 rpm.

Bale Size:
Length 2000mm. Max
Width 1200-1400mm
Height 1200-1400mm
Weight 2000kg. Max

Capacity:
When double wrapping a 2000mm long bale the capacity will be up to 70 bales per hour with 3 film layers.

Stretch Film:
All known types of stretch film on machine reels.
Core diameter 76 mm (standard) max film roll weight is 32 kg.
Film width 500mm (standard)
Recommended film type; 25 micron blown film.

Construction:
Robust sectional and welded steel plate construction.
Option for galvanized

Machine Size:
Height 4127mm
Length 15200mm
Width 4000mm

Power Supply:
3 x 400V,50Hz, N, and PE.
Overall motor output 32kw
Overall power consumption 50A CEE

Control System:
The REO-PACK W 1000 is controlled by an Siemens S7 1200 PLC with TP 700C operatorpanel. The motor is controlled by a Lenze Frequency converter.
Programmable Options:
Number of bottom wraps
Number of top wraps
Adjustment of stretch film tension
Adjustment of film overlap
Possibility to use the machine as bypass
Errors shown on text display

Manual Options:
Manual operation of film cutting
Manual upward / downward film carriage
Manual positioning of the swing arm
Manual control of all conveyors



REO-PACK

Bale Wrappers

W1000 & W3000

Automatic Stretch Wrapping Machines



The Right Investment!



www.reo-pack.com

Bale Wrappers

WE FOCUS ON QUALITY, NOT ON PRICE!

If quality, stability, reliability and speed are required, then Reo-Pack bale wrappers are the ideal solution!

With more than 25 years experience of stretch film bale wrapping in different industries worldwide, Reo-Pack full automatic bale wrapping lines W1000 and W3000, specially designed for bale packaging, have proven superior reliability and functionality.

Danish Design and Production!

We have designed and produced bale wrappers, at our factory in Mariager, Denmark, with a focus on low running costs: A unique combination of a high-speed swing arm wrapper (S1000, S3000) and a vertical wrapper (W2000) to meet with demanding applications. The W1000 is designed for heavy duty production with medium capacity, whereas the W3000 is designed for heavy duty production with high capacity.

When Flexibility is your Priority...

The machines are based on 3 film rolls, two for vertical wrapping and one for horizontal wrapping. The conveying system takes the bales directly from the baler and wraps them through 360 degrees. The wrapping material (stretch film) turns around the stationary by means of a swing arm according to the chosen programme. Once the first step of wrapping is completed, the bale will move to the next step (ring wrapper, vertical) and will follow the chosen programme (number of end wraps, film overlap, etc.). After wrapping the bale will stay on the short conveyor until the next bale is ready and has started vertical wrapping. The bale then exits the machine by the exit conveyor. During this movement, the film will be torn off instead of being cut between each bale.

DESIGN, COMPONENTS &

CUSTOMER-SUPPORT....

ALL OF BEST QUALITY!

THE RIGHT SOLUTION FOR YOUR PACKAGING!

- Tailor-made to each customer's requirements
- High Capacity
- Robust construction with best quality standard components
- Designed to operate in heavy duty production and in tough environments
- Works without rotating the bale which reduces risk of damaged bales
- Low maintenance costs
- Easy service access
- Stepless adjustment of film tension
- Stepless adjustment of film overlay
- Runs all standard types of film
- Siemens S7 1200 PLC is standard, other types on request
- All motors can be operated manually
- Safe signal exchange with other control units

ANY SOLUTION A CUSTOMER NEEDS!

Reo-Pack's mobile waste bale wrapping unit is constructed to meet the increasing flexibility requirements of customers with several handling sites. The unit has a transport mode, the machine compresses (narrows) to allow it to be legally transported on public roads.

**HIGHER
PRODUCTIVITY
&
GREATER
EFFICIENCY
with
REO-PACK!**

