

## **SPIROR HP 400/SPIROR HP DR 400**

SPIROR automatic orbital wrapping machines are the ideal solution for wrapping stretch film on all kinds of products. These high-output machines can be used to wrap extruded aluminium or plastic articles, shaped wood sections, textiles and carpets, lamps and a host of other products. Stretch film wrapping ensures perfect tightness, preserve products from damages and is the economically winning choice. The double reel SPIROR DR versions boost productivity to unprecedented levels, consolidating ROBOPAC's worldwide leadership in its field. All SPIROR machines are manufactured following criteria based on safety, sturdiness, functionality and user-friendliness. Thanks to their automatic winding, clamping and cutting systems, SPIROR machines are ideal candidates for use as in-line machines and as fully-automated work stations. SPIROR DR wrapping machines are equipped with a double reel ring. This feature allows very high productivity rates in horizontal stretch film wrapping and places SPIROR machines at the top of their category.



### **DISTINGUISHING MARKS**



#### **RING**

SPIROR machines are equipped with single-cast aluminium ring to ensure maximum wrapping precision and continuity during rotation. The turntable is mounted on ball bearings that guarantee the greatest reliability and stability over time.



#### **REEL HOLDER**

The reel holder assembly is equipped with a fast-acting coupling to mount and release the reel, facilitating the operator's work and minimizing idle time.



#### **CUTTING AND CLAMP UNIT**

Clamp and cutting unit has been tested through simulations and in real conditions in order to provide the maximum efficiency and performances. The clamp and cut unit in the 300 Spiror machine is based on a hook and blade device while for the rest of the Spiror family machines (SEE PHOTO) it relies on a scissor like clamping unit and a rotating blade device.



## TOP PRESSURE UNITS

The Pneumatic pressures ensure the vertical stability of the products during the wrapping process. The coating material, (nylon, PVC, polyurethane) can be changed as an option according to the product to be processed



## CONTROL PANEL

Touch screen control panel. The Spiror and Spiror DR families feature a userfriendly touch screen panel that allows to select all the machine functions very easily. The menu and sub menu based interface makes the operator's job quicker by following step by step the stretch wrapping process. The machine electronic equipment allows versitily and expansion.

## TECHNICAL SPECIFICATIONS

<b>SPIROR HP 400</b> Horizontal orbital automatic wrapping machine	
<b>Machine Characteristics</b>	
Ring rotation speed	200 rpm
Belt driven ring rotation	STD
Spool holder with frictioned roller	STD
Pneumatic cold clamping/cutting unit	STD
L=500 mm two rubber and two zinc plated infeed and outfeed conveyors	OPT
Infeed and outfeed rollers side guides	OPT
Infeed and outfeed pressors	OPT
Variable conveyor speed	14÷40 m/1'
Compressed air consumption	20 NL/cycle
Power supply voltage	400 V. 3Ph +N- 50/60 Hz
Installed power	2.5 KW
Machine weight	STD

### Film spool characteristics

Max. external diameter (D):	300 mm
Film spool height (h):	125 - 250 mm
Film thickness:	17-50 $\mu$ m
Internal diameter (d):	76 mm (50 mm on request)

### SPIROR HP DR 400

Double Roll Horizontal orbital automatic wrapping machine

#### Machine Characteristics

Ring rotation speed	220 rpm
Belt driven ring rotation	STD
Spool holder with frictioned roller	STD
Pneumatic cold clamping/cutting unit	STD
L=500 mm two rubber and two zinc plated infeed and outfeed conveyors	OPT
Infeed and outfeed rollers side guides	OPT
Infeed and outfeed pressors	OPT
Variable conveyor speed	20÷80 m/1'
Compressed air consumption	20 NL/cycle
Power supply voltage	400 V. 3Ph +N- 50/60 Hz
Installed power	2.5 KW
Machine weight	STD

### Film spool characteristics

Max. external diameter (D):	300 mm
Film spool height (h):	125 - 250 mm
Film thickness:	17-50 $\mu$ m
Internal diameter (d):	76 mm (50 mm on request)