

SPIROR HP 300

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. 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.



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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.

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

CUTTING AND CLAMP UNIT

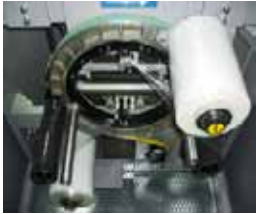


Clamp and cutting unit has been tested through simulations and in real conditions in order to provide the maximum efficiency and performances. The clamp and cut unit in the 300 Spiror machine is based on a hook and blade device while for the rest of the Spiror family machines (SEE PHOTO) it relies on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

CONTROL PANEL



Touch screen control panel. The Spiror and Spiror DR families feature a user friendly 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 versatility and expansion.



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.

TECHNICAL SPECIFICATIONS

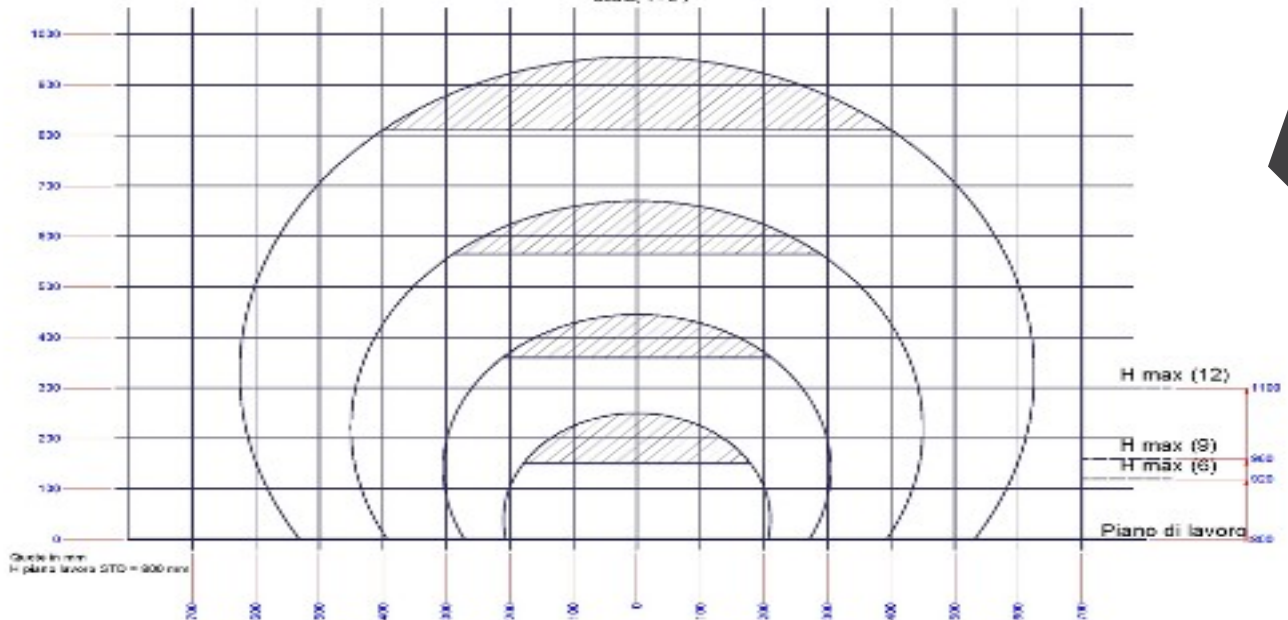
SPIROR HP 300 Horizontal orbital automatic wrapping machine	
Machine Characteristics	
Ring rotation speed	260 rpm
Belt driven ring rotation	STD
Spool holder with frictioned roller	STD
Pneumatic cold clamping/cutting unit	STD
L=500 mm two rubber and two zinc plated infeed and outfeed conveyors	OPT
Infeed and outfeed rollers side guides	OPT
Infeed and outfeed pressors	OPT
Variable conveyor speed	18÷58 m/1'
Compressed air consumption	20 NL/cycle
Power supply voltage	400 V. 3Ph +N- 50/60 Hz
Installed power	2.3 KW
Machine weight	STD

Film spool characteristics	
Max. external diameter (D):	300 mm
Film spool height (h):	125 - 250 mm
Film thickness:	17-50 µm
Internal diameter (d):	76 mm

SUITABLE FOR THE FOLLOWING PRODUCTS

DIMENSIONI PRODOTTI LAVORABILI
COMPACTA S / ORBIT 4-6-9-12

Scale 1 : 5



LAYOUT

MACHINE DIMENSIONS		MACHINE ARMESLING			
MACHINE	MASCHINE	4	6	9	12
L mm	L mm	1995	1995	2100	2270
W mm	W mm	1258	1462	1920	2290
H mm	H mm	1350	1755	2162	2339
H' mm	H' mm	800 (fissa)	800-920	900-990	800-1100

