

# ***ROBOT S5***

SELF PROPELLED STRETCH WRAPPING MACHINE



**ROBOPAC** 

# ROBOPAC

ROBOPAC, established in 1982, is world leader in the stretch film wrapping technology with a production of over 5,000 machines/year, 70% of which exported to the main world markets. Four technologies have been developed by the Company: robot, turntables and rotating arms for stretch film load stabilization (core business), stretch film horizontal wrapping machines for elongated products, shrink film packaging machines and taping machines. Thanks to a worldwide capillary distribution network and to the spare parts servicing centers present in our foreign affiliates, ROBOPAC ensures a quick and decisive after sales service.



# AETNA GROUP





AETNA GROUP produces and sells on a worldwide basis stretch film wrapping machinery, bundlers, shrink film wrappers, cartoning and taping machines. The Group counts 460 employees of which 80 engaged in the After Sales Department. 94, 000 machines sold and installed worldwide with yearly sales of over 124 million dollars. Four production plants, three of which are in Italy, one in the Republic of San Marino, a joint venture in India, ROBOPAC PERKS, a network of over 460 Agents and Distribution and 5 foreign affiliates located in France, Great Britain, Germany, United States and the new AETNA GROUP VOSTOK in Moscow.

Since 1997 ROBOPAC is ISO 9001 certified and, since then, the company keeps investing in the improvement of its performances.

# ROBOT S5

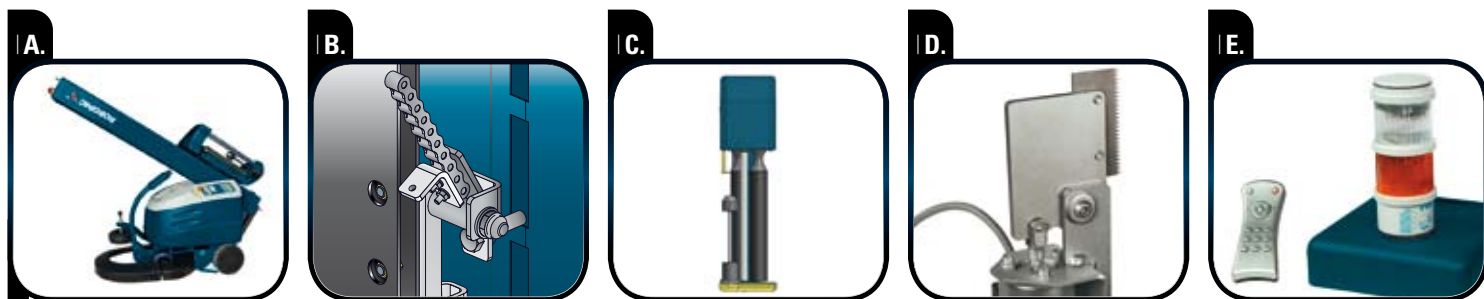
The Robot S5 perfectly represents ROBOPAC manufacturing philosophy. The Robot was born from a revolutionary idea: the wrapping machine goes around the load. This approach immediately had a huge impact on the market. Since then the Robot has been renewed, improved and better equipped during 25 years of ROBOPAC's history. This stretch wrapping machine has therefore reached outstanding qualities and reliability levels. The Robot is equipped with the most efficient safety devices and it is the ideal partner for all industrial environments for which logistic versatility is a priority. The Robot S5 is able to work in a tight space, it has great battery autonomy and can be easily moved from a load to another: these are some of the qualities that made it the undisputable world leader in its category.

ROBOPAC's production range in packaging is based on the following types of machines:

 Self-propelled robot	 Turntable wrapping machines	 Horizontal wrapping machines	 Horizontal wrapping machines
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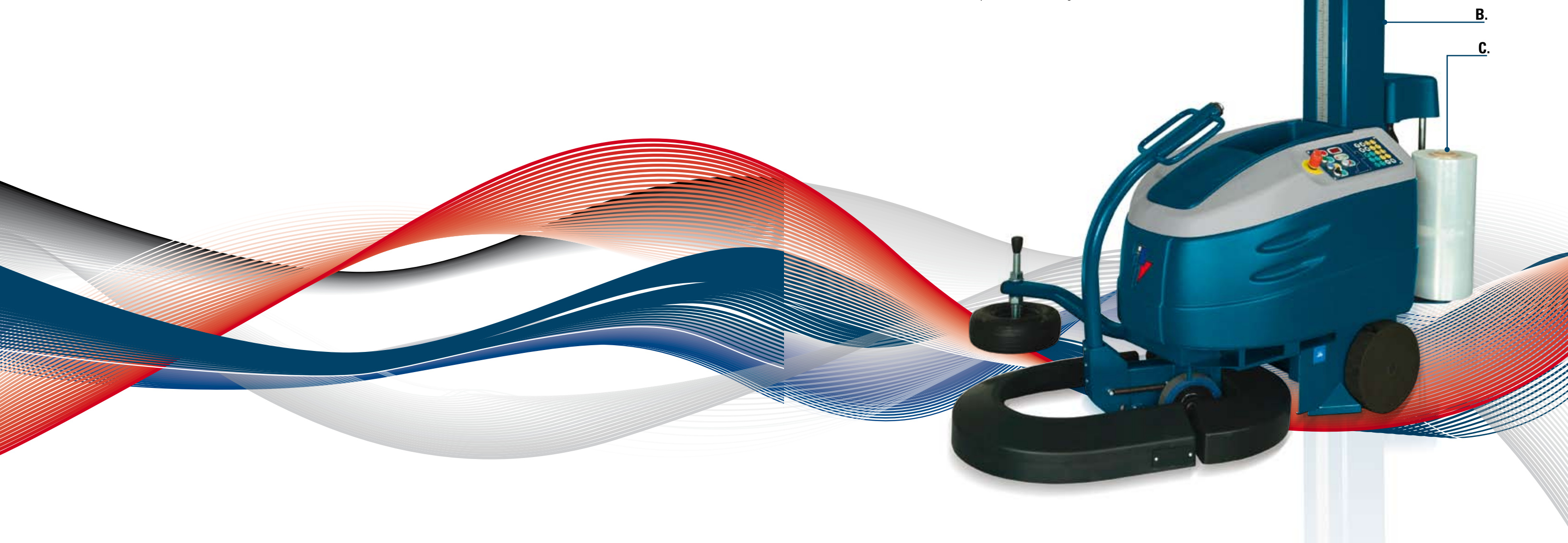


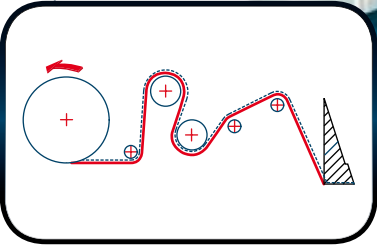
# ROBOT S5

SELF PROPELLED STRETCH WRAPPING MACHINE

- A. HINGED MAST
- B. CARRIAGE STOPPING DEVICE IN CASE OF ACCIDENTAL FALLING
- C. "QLS" SYSTEM (QUICK LOAD SYSTEM) FOR EASY AND QUICK FILM LOADING AND THREADING
- D. AUTOMATIC FILM CUT-OFF
- E. REMOTE CONTROL WITH DEDICATED SAFETY LIGHT (OPTIONAL)

S5 ROBOTS are built according to maximum sturdiness and reliability standards as demanded by all industrial environments. The attention paid to all the functional details, the accurate choice of materials and software architecture are the ROBOPAC warranty for these machines that have no rivals on the market. All components starting from the double layer chassis to the reinforced emergency stop bumper all the way to the tubular structure mast made with cold folded steel sheet reflect an unsurpassed manufacturing standard.





**PFS FILM CARRIAGE**  
Film carriage with powered frictioned pre-stretch system. Pre-stretch ratio adjustable on control panel up to 300% by electromagnetic clutch. Force to load controlled by patented electronic device and adjustable from control board.

The stretch wrapping self propelled Robot S5 is the ultimate answer to flexibility and adaptability needs at the end of the line. The machine is propelled by two batteries and thanks to the practical guiding steer, that includes two switches for forward and backward movements, it can be easily maneuvered with one hand to any direction. The Robot can be then driven exactly where the product needs to be wrapped before shipment or stored and it can be moved from pallet to pallet without the use of the transpallet or forklift. Oversized loads can be easily stretch wrapped by S5 and the machine can work directly at the truck docking area. These characteristics, along with the sturdiness, great autonomy and reliability of Robot S5 make it the right partner in industrial logistics.



**CONTROL PANEL**  
The control panel is equipped with a display for functions and parameters, battery charge display and a practical alert system that detects and locates where maintenance/action might be needed.

- PARAMETERS DESCRIPTION**  
Rotating adjustable speed up to 260 foot/min  
Film Pre-stretch (PFS)  
Bottom wraps  
Top wraps  
Carriage upward speed  
Carriage downward speed  
Output data  
Force to Load

- CYCLES DESCRIPTION**  
Reinforcement wrap  
Start from ground level  
Photocell delay Upward/downward or alternate cycle  
Top sheet cycle (water proof)

TECHNICAL FEATURES	
MACHINE	ROBOT S5
Batteries	24 VDS
Rotation speed	124 foot/ min÷262 foot/min
Adjustable carriage speed	5,2 foot/min÷19.6 foot/min
Battery capacity # of pallets	250-300
Power supply voltage	120 VAC/ 1 Ph/ 60 Hz (±10%)
Installed power	320 W
Forklift portability	STD
PALLET SIZE	
Minimum dimensions	31x31"
Maximum dimensions	86"/ 94"/ 110"/ (118" Special)
FILM ROLL	
Max. external diameter (D)	12"
Film roll height	20" (opt. 30")
Film thickness (gauge)	70-140
Core	3"
Max weight	44 LBS
CONTROL	
Control panel	STD
Load height by photocell	STD

ROBOT S5

