



TARA INDUSTRIAL CO.

Designing and manufacturing of
packaging machines for food
and pharmaceutical industries

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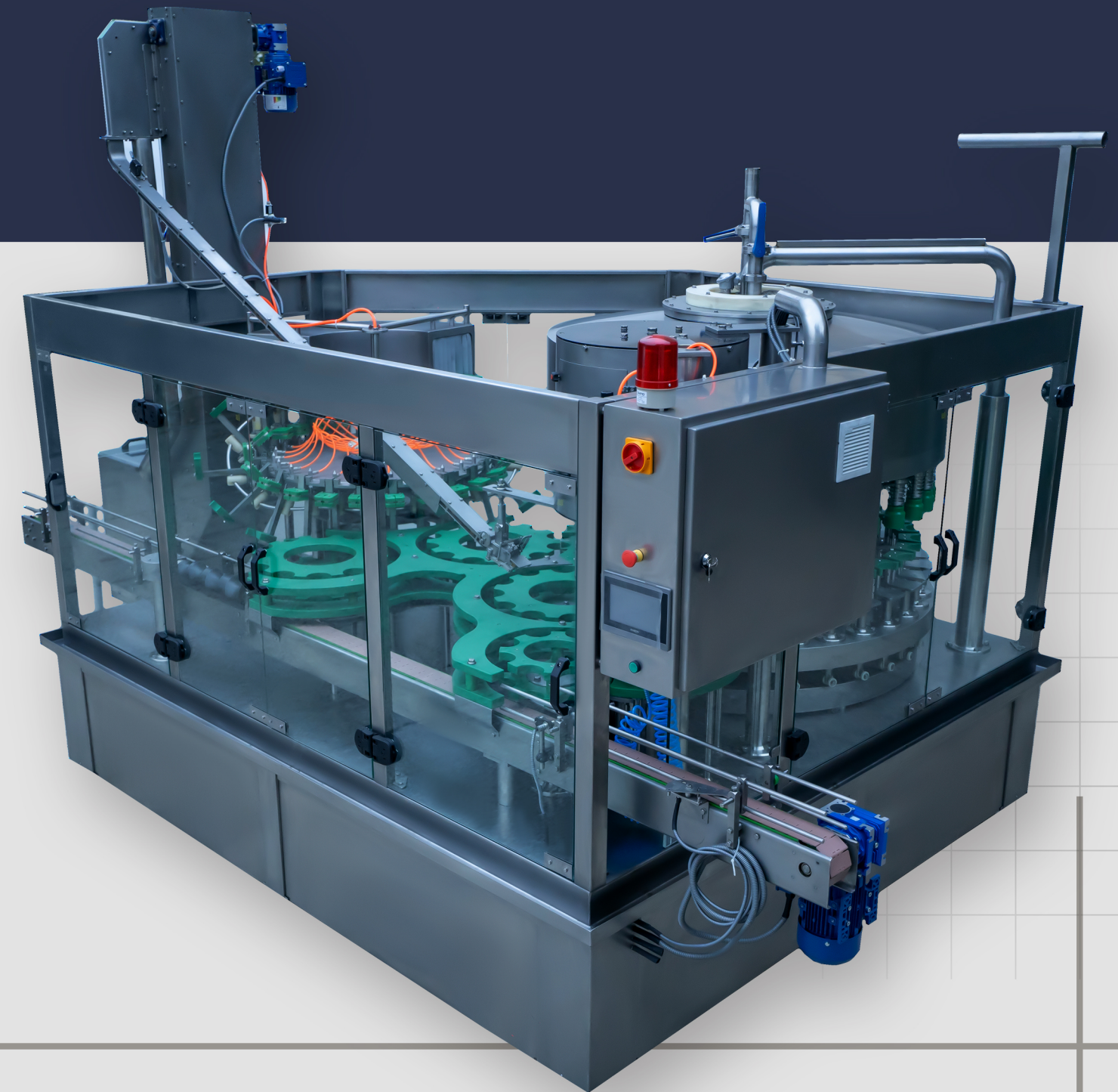


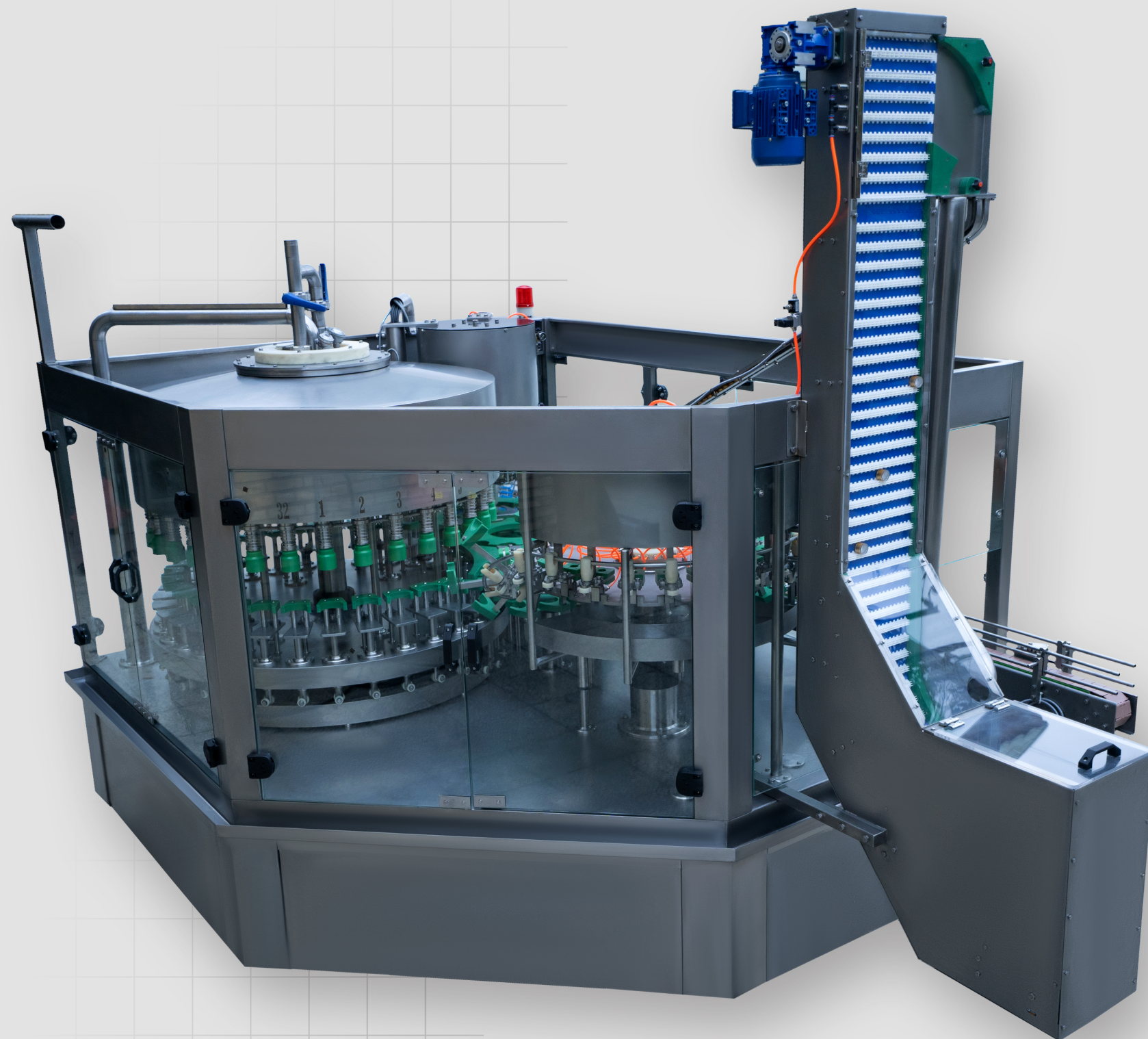
TARA INDUSTRIAL CO.

DESIGNING AND MANUFACTURING OF PACKAGING MACHINES
FOR FOOD AND PHARMACEUTICAL INDUSTRIES

ROTARY, FILLING, CAPPING & RINSING MACHINE THREE BLOCK

- This machine is completely automatic and three function of bottle washing filling and capping are composed in one chassis of the machine.
- The capper section is consists of a storage tank of caps which automatically runs in the opening of the bottles directing by a conveyor.
- Filler tank is equipped with a surface gauge which regularly controlling the quantity of the product.
- The adopted electricity control is through PLC which is installed on HMI system.
- The machine contains on operator guard made up of stainless steel or mica.
- All parts contacting product is made of stainless steel type AISI 304 & AISI 316 Based on the capacity of the production, it could be design with the arrangement of (18-18-6),(18-24-6), (24-32-8),...
- Neck control bottle handling system is used to minimize bottle change over time.





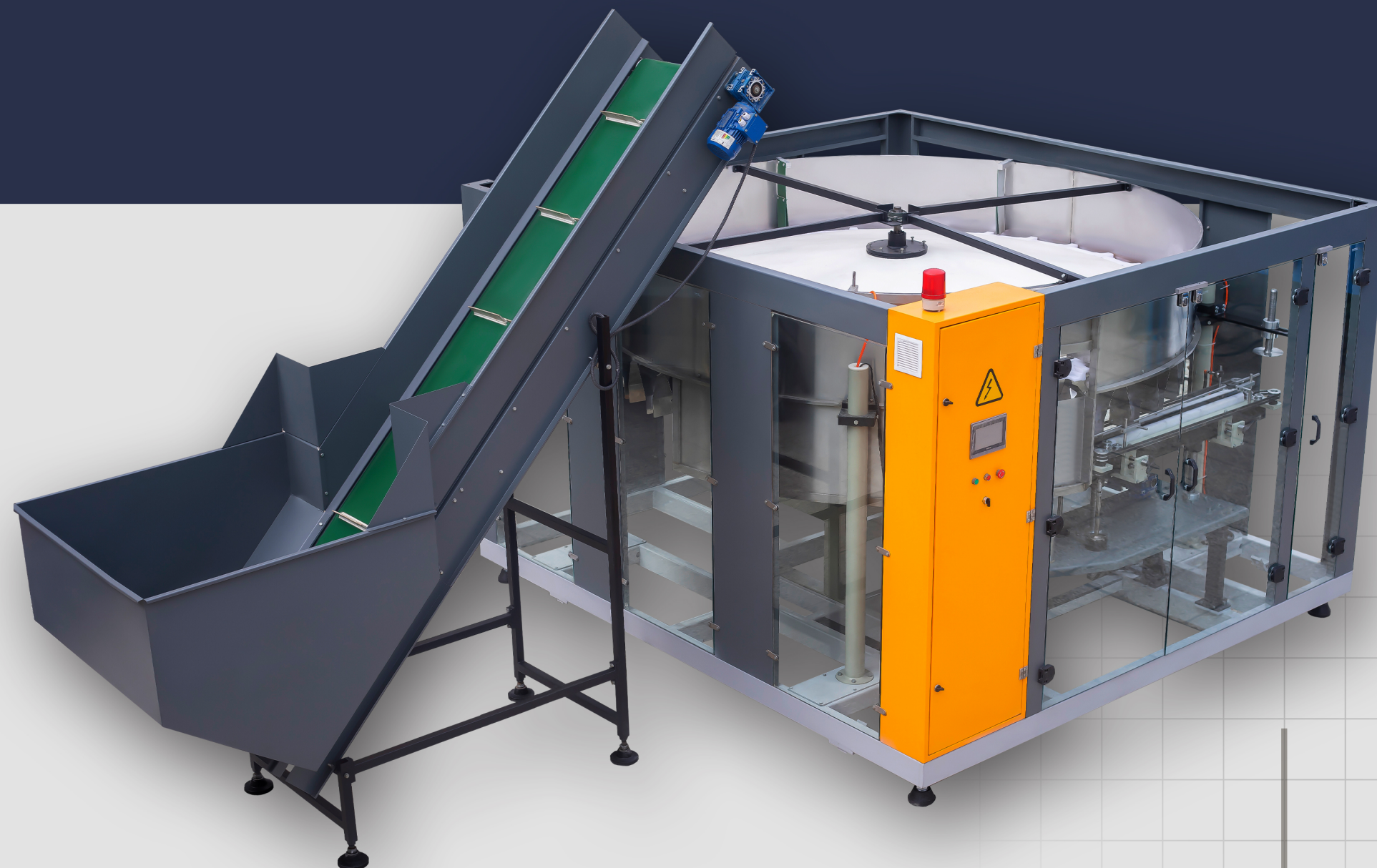
SPECIFICATIONS

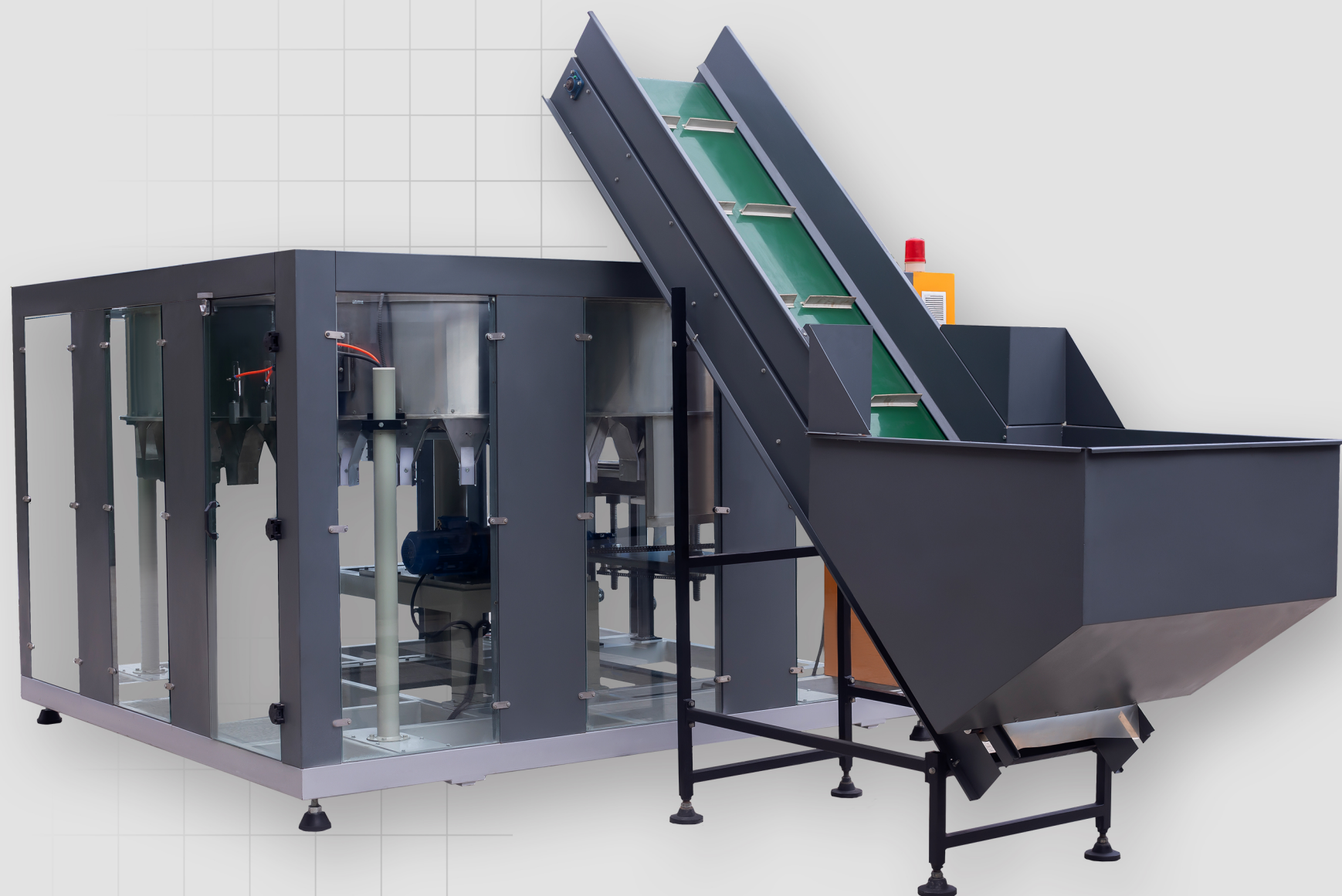
No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	5
02	CONTAINER HEIGHT	(mm)	100-350
03	CONTAINER DIAMETER	(mm)	50-120
04	VALUME	(cc)	200-2000
05	SPEED	(b/h)	2000-12000
06	DIMENSION	(H) 3000 (W) 2000 (L) 3700	

UNSCRAMBLER

ROTARY BOTTLE UNSCRAMBLING MACHINE

- Rotary Bottle Unscrambling Machine Devices for rows of plastic bottles pet packaging lines soda, buttermilk, water is mine.
- The machine has a tank with a conveyor belt to deliver the device to the tank battery.
- Speed up to 6000-16000 bottles per hour.
- After leaving guided by the stars lined plates on guide rails is dumped.
- Under the guidance of the bottles to the communication task (Air Conveyor) is responsible for the output.
- AISI 304 stainless steel external part of the device is made.
- The device has a safety chamber made of stainless steel and is stabilized..
- The adopted electricity control is through PLC and all of the machine information are display in touch panel.





SPECIFICATIONS

No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	3
02	CONTAINER HEIGHT	(mm)	DEPEND OF THE BOTTLE
03	CONTAINER DIAMETER	(mm)	DEPEND OF THE BOTTLE
04	VALUME	(cc)	DEPEND OF THE BOTTLE
05	SPEED	(b/h)	6000-16000
06	DIMENSION	(H) 2300 (W) 2670 (L) 3500	

SHRINK PACK

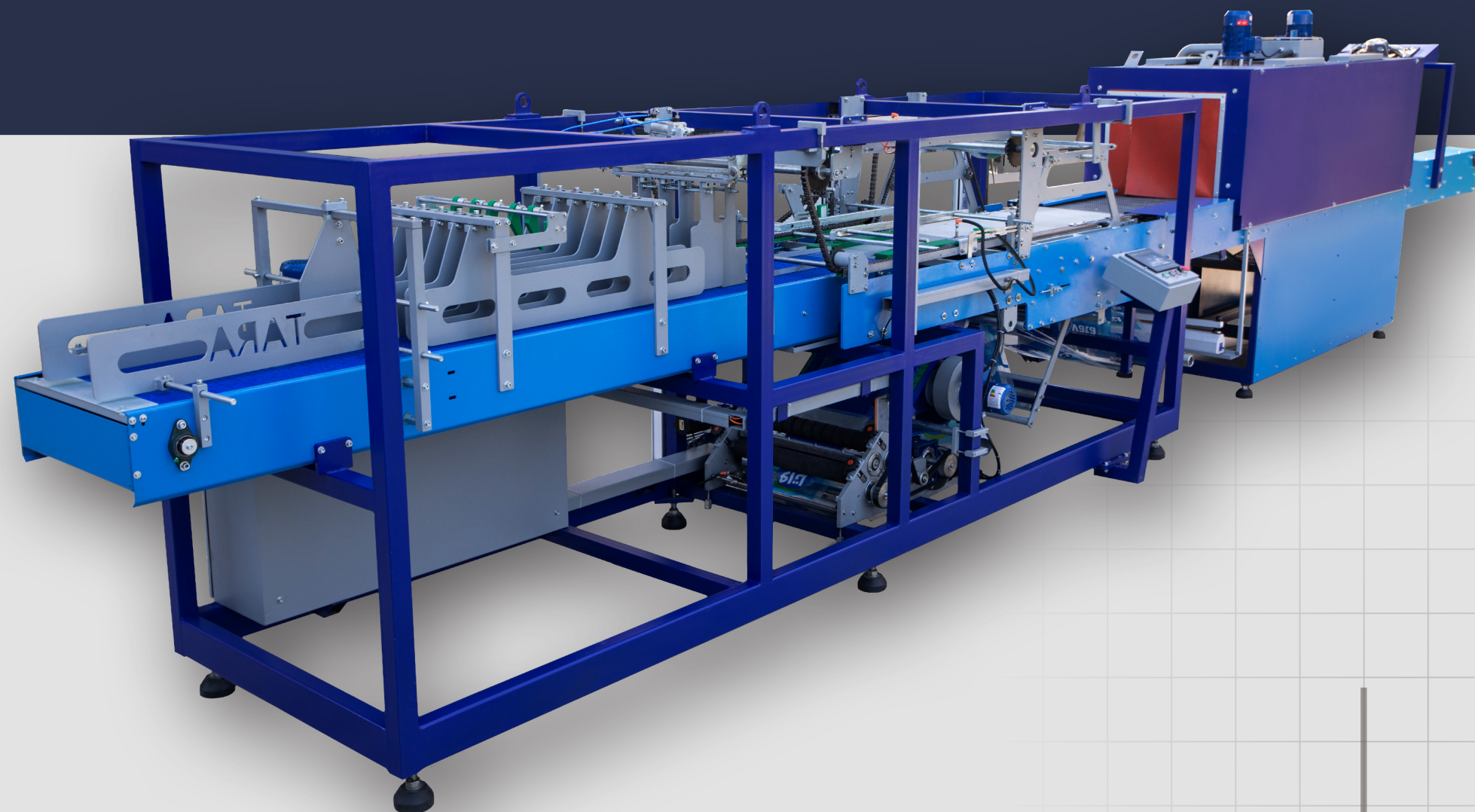
AUTOMATIC SHRINK PACK (OVER LAP)

This machine has two separated parts :

1- Thermal tunnel

2- Input conveyor

- Every parts have separated Electrical panel.
- All components have separated Electromotor < gear box and servo motor.
- The parameters including cutting length speed and adjustments will set by the operator on the HMI.
- We can use the printed film in this machine.
- The speed is about 25 p/m.



SPECIFICATIONS

No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	MIN 20 MAX 50
02	SPEED	(Pack/Min)	20-25
03	DIMENSION	(H) 2300 (W) 1200 (L) 9700	

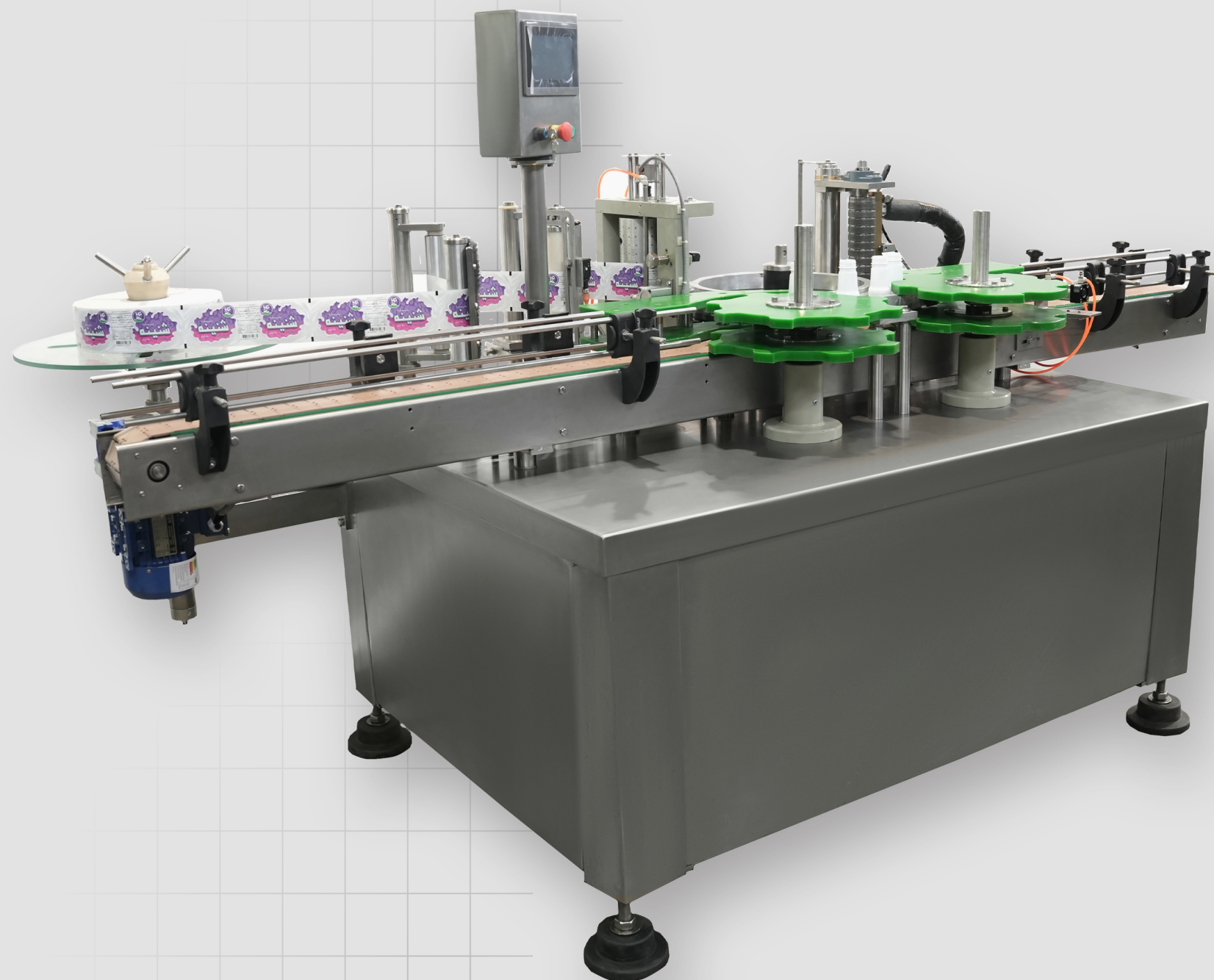


LABELING MACHINE

OPP LABELING MACHINE

- The above mentioned machine is fully automatic and works with liner type.
- Labeling role is made of plastic with 50-60 micron thickness.
- This machine has designed for cylindrical bottle (plastic, glass, poly etilen and PET bottles) Some parts of the machine change with bottle diameter.
- The machine used of hot glue for labeling (Hot melt glue).
- All containing part of machine is made of stainless steel. (type AIS304 and AISI 316).
- The adopted electricity control is PLC and all of the machine information are display in touch panel .





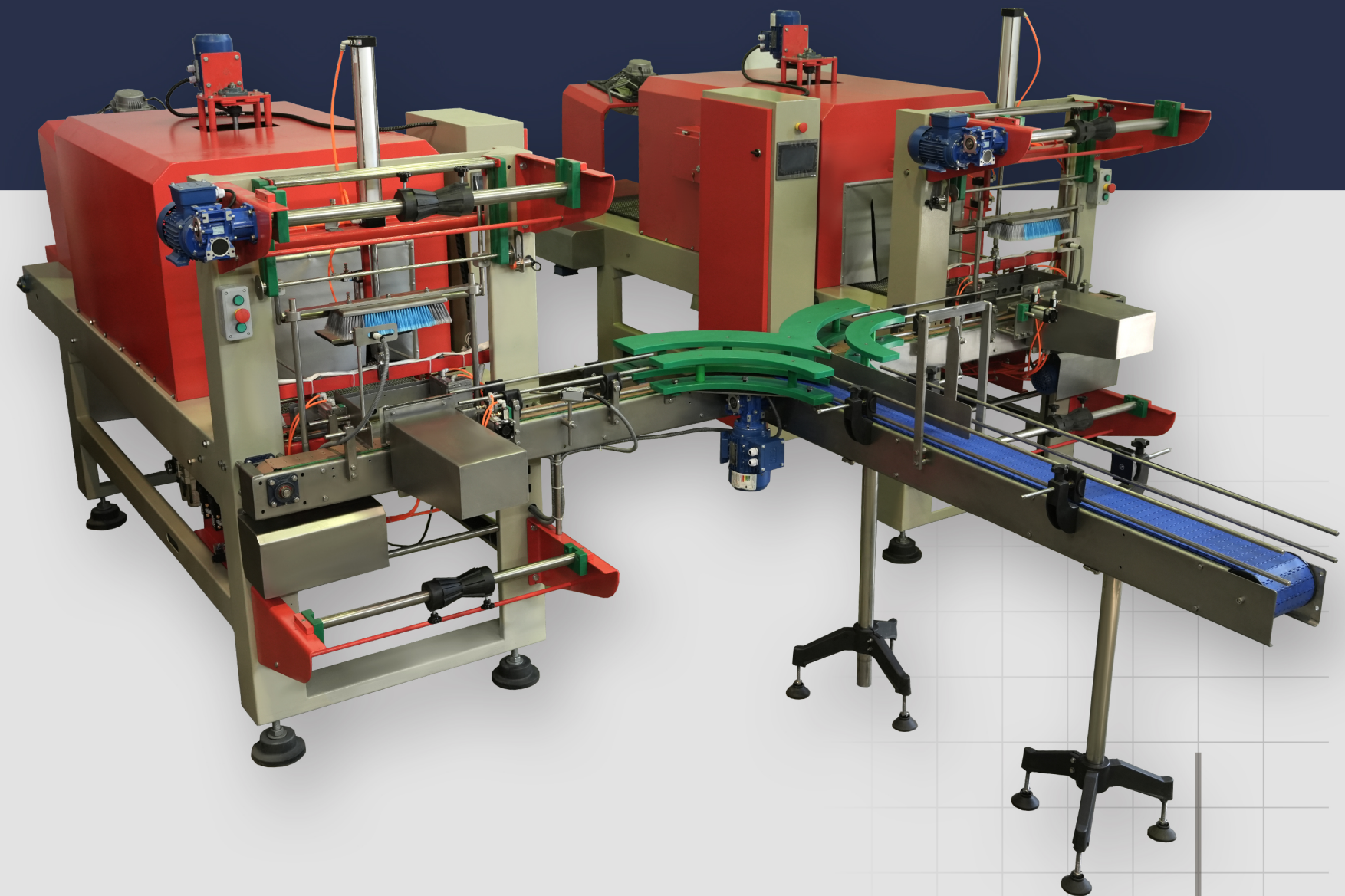
SPECIFICATIONS

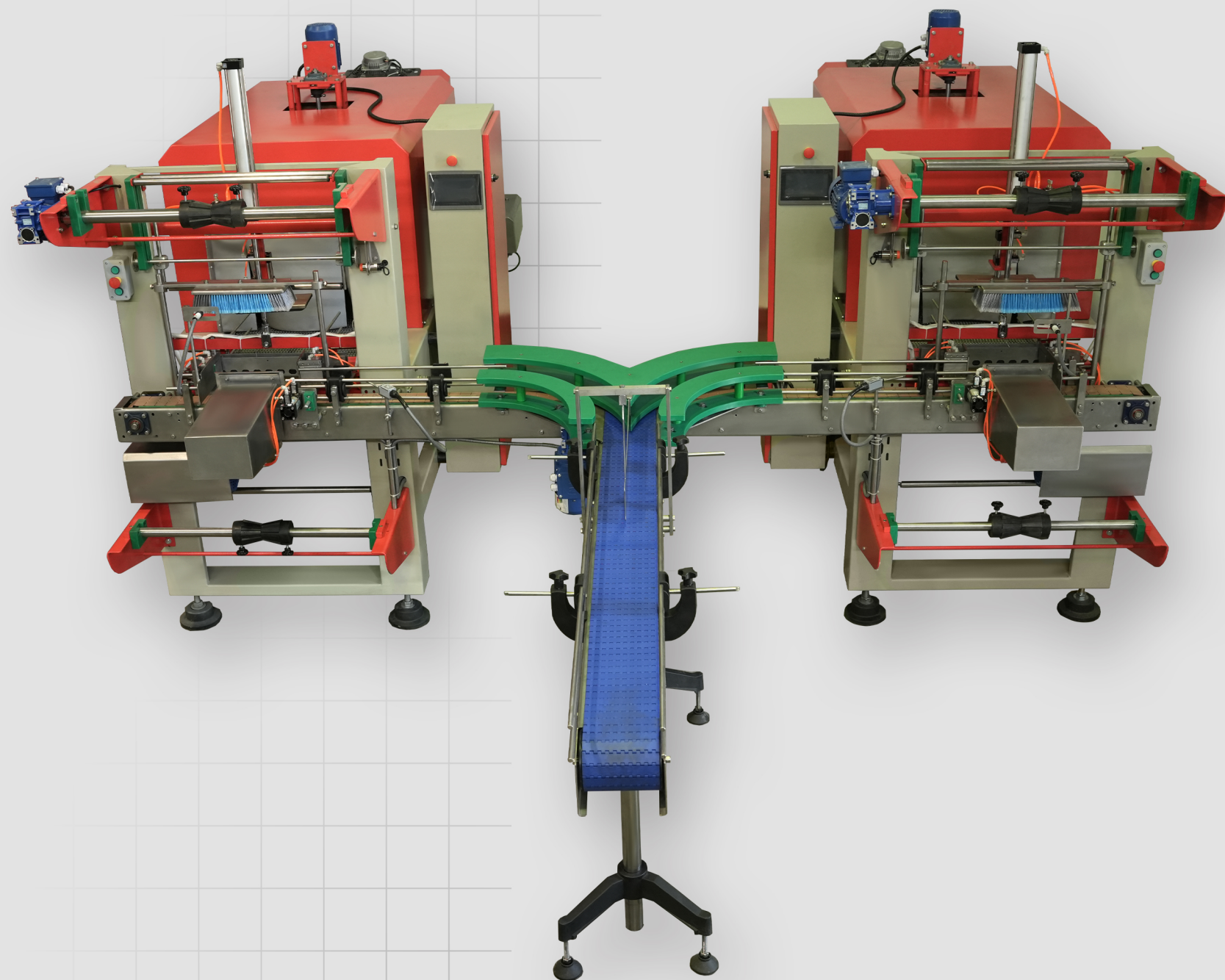
No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	8
02	LABELLES HEIGHT	(mm)	20-120
03	CONTAINER DIAMETER	(mm)	30-110
04	SPEED	(b/h)	6000-8000
05	DIMENSION	(H) 1400 (W) 1500 (L) 3000	

SHRINK PACKING

FULLY AUTOMATIC SHRINK PACKING MACHINE (HIGH SPEED)

- This machine can shrink bottles in rows of 4x3, 3x2,... with out using half carton. it is directly connected to the line and do not need operator for rowing the bottles and shrink operation.
- The chassis is made up of 3mm iron and covered with Furnace color resistance against corrosion.
- Width of entrance conveyer is 40cm and its parts are made up of AISI 316 stainless steel.
- The storage section of the film promotes the quality of packaging.
- The proper section of the bottle use of servo motor system.
- Heater elements are installed as a separate board which helps the maintenance if necessary.
- The adopted electricity control is PLC and all of the machine's information is reflected in touch panel.
- Machine have cutting and sewing blade which made up of titanium.





SPECIFICATIONS

No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	10
02	AIR CONSUMPTIN	(Liter)	100
03	TUNNELS TEMPERATURE	(c)	100-250
04	PACKAGES DIMENSION	(mm)	350-400-500
05	SPEED	(pack/h)	1000
06	DIMENSION	(H) 1500 (W) 1300 (L) 5500	

CAPPER

- This machine is completely automatic.
- The capper is consists of a storage tank of caps which automatically runs in the opening of the botles directing by the conveyor.
- The adopted electricity control is through PLC and all of the machine information are display in touch panel.
- The machine contains on operator guard made up of stainless steel or mica.
- The number of capping heads is determined by the speed of the machine.





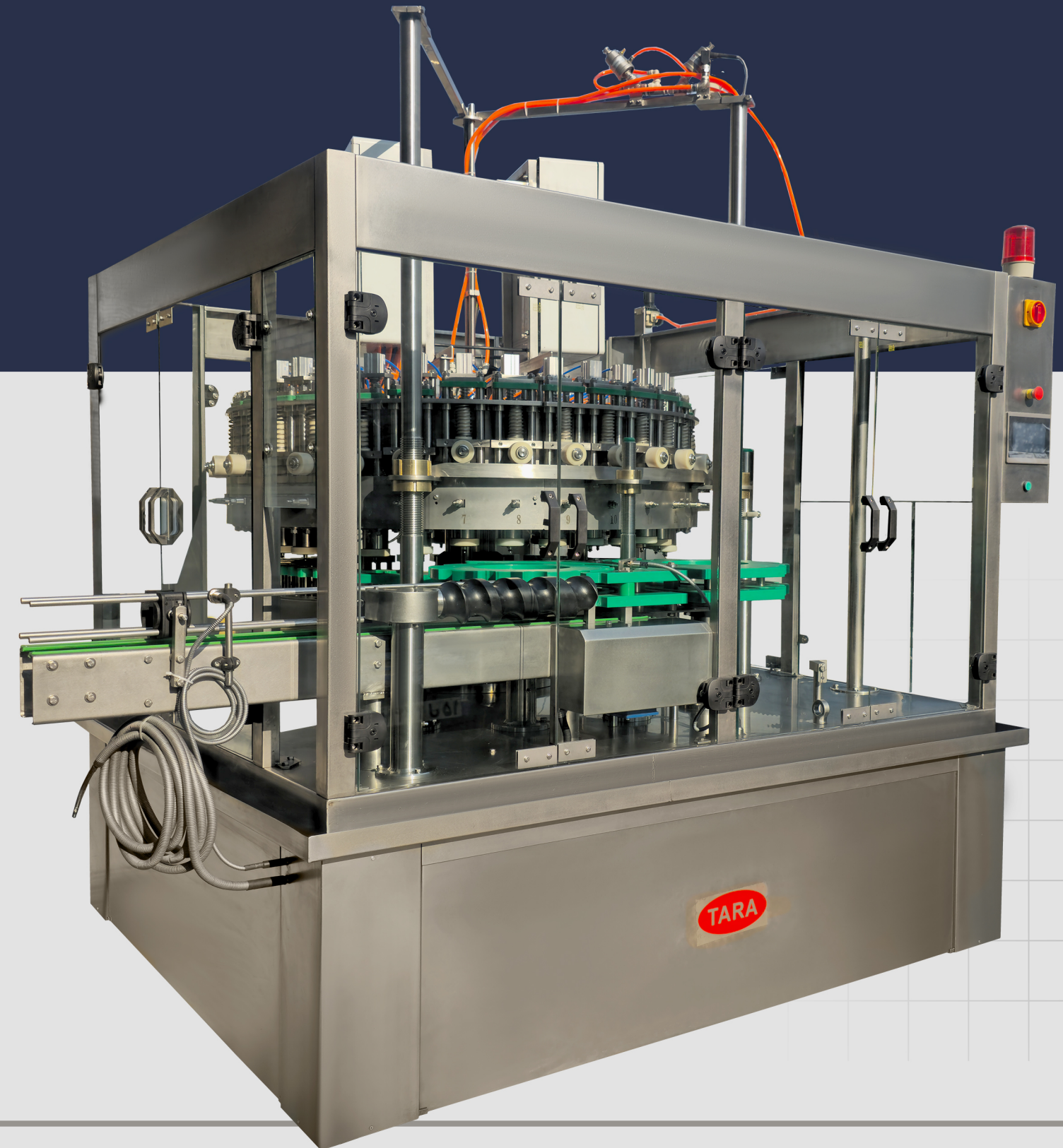
SPECIFICATIONS

No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	5
02	SPEED	(b/h)	15000
03	DIMENSION	(H) 2900 (W) 1400 (L) 3500	

FILLER

FOR CARBONATED LIQUID

- The filler valves are designed for filling of carbonated liquid.
- This machine is completely automatic.
- The product volume is controlled with a level trans meter.
- All contacting parts of machine is made of stainless steel (type AISI 304)
- The adopted electricity control is through PLC and all of the machine information are display in touch panel.
- The mechanical system of the machine is in the form of a canister.
- The machine contains an operator guard made up of stainless steel or mica.





SPECIFICATIONS

No	Description	Unit	Value
01	POWER CONSUMPTION	(kw)	5
02	SPEED	(b/h)	7000
03	DIMENSION	(H) 3000 (W) 2200 (L) 2300	





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CATALOG DIGITAL

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