

water



perFORMA 420W

THERMOFORM CUP WATER PACKAGING LINE
200 – 250 – 300 ml

perFORMA 420water

AUTOMATIC THERMOFORM CUP WATER PACKAGING LINE

Apack is a world leading provider of tailor-made food processing and packaging solution. Established in 2005 and with reference to adding value to customer product.

Our packaging design and functionality that respects tradition, but at the some time creates a wide range of new opportunities. Our solutions creates a new platform for a whole new range of innovative products, targeting the next generation of consumers.

Situation: look into new consumer situations and make a solution for a specific situation

Target group: make a new products that communicate to new target groups.

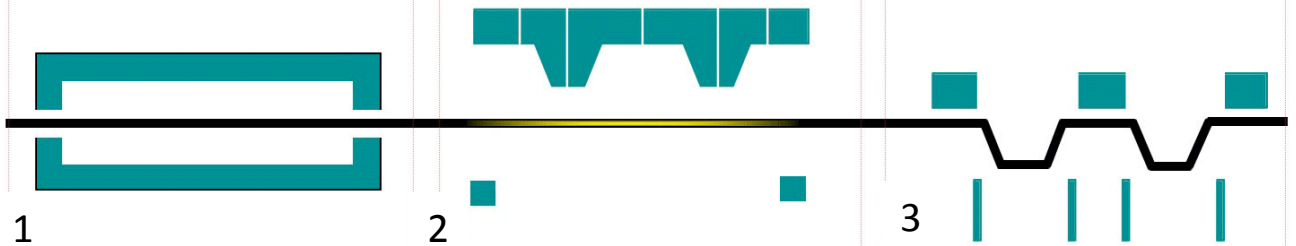
Function: add function to the package so that it is not "just" a carrier.

Food product: provide packaging systems that support new recipes for food product.

Modern life style: by understanding everyday life it is possible to focus on specific case in peoples life and make a dedicated product that solve certain situation. Consumer will get the experience that the product is made especially for them.

Portion-pack cup: the unit design and capacity can be your choice. Apack has significant experience in optimizing your product from idea to final product ready for retail sale.

Thermoforming is a manufacturing process where a plastic sheet is heated to forming temperature, formed to a specific shape in a mold, filling of the cups and trimmed to create a usable product. Our perFORMA420W product combines the two critical steps of forming and cutting into one operation, resulting in excellent clarity, detail and sparkle of the finished products. Tooling setup and machine operation requires minimal operator training. All our export machine incl. moderm connection for easy data trasfer/update.

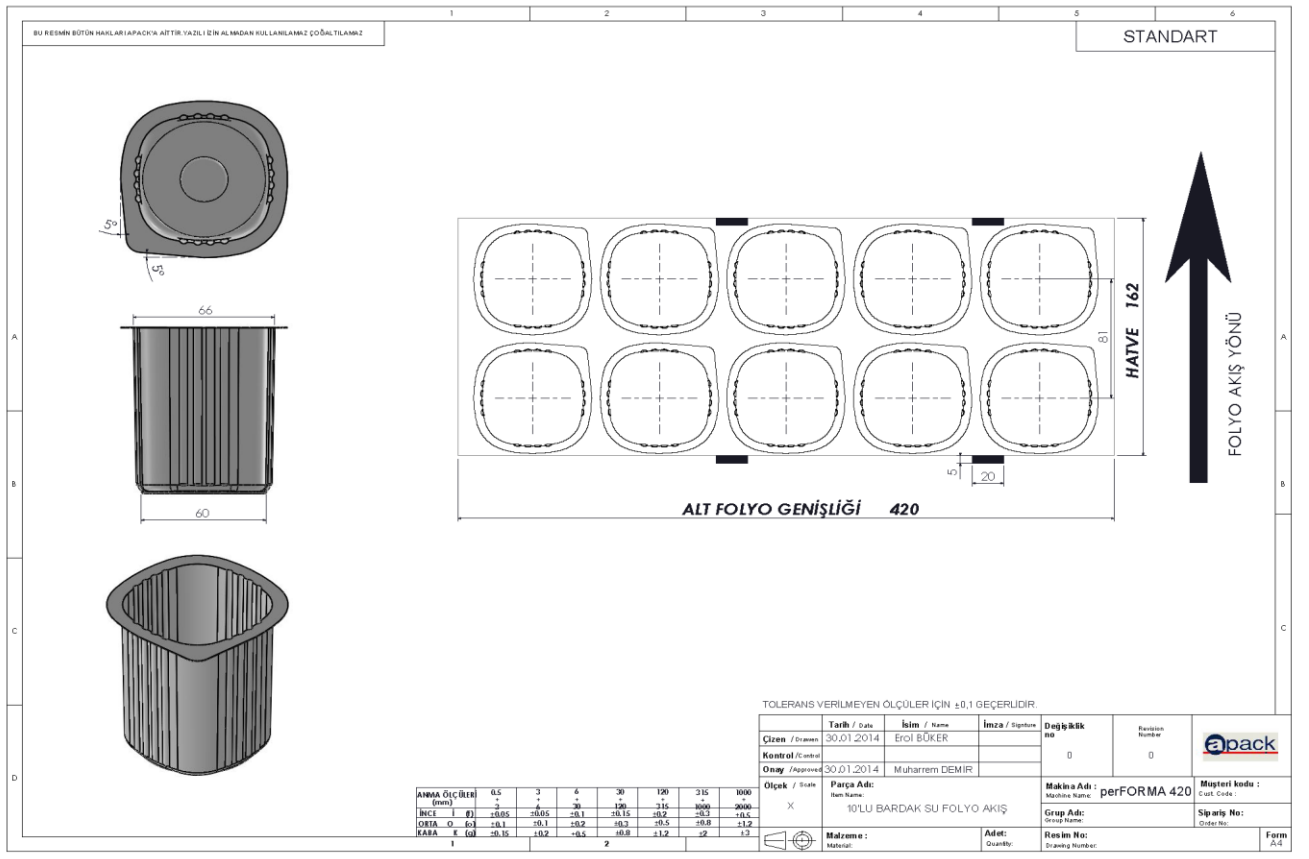


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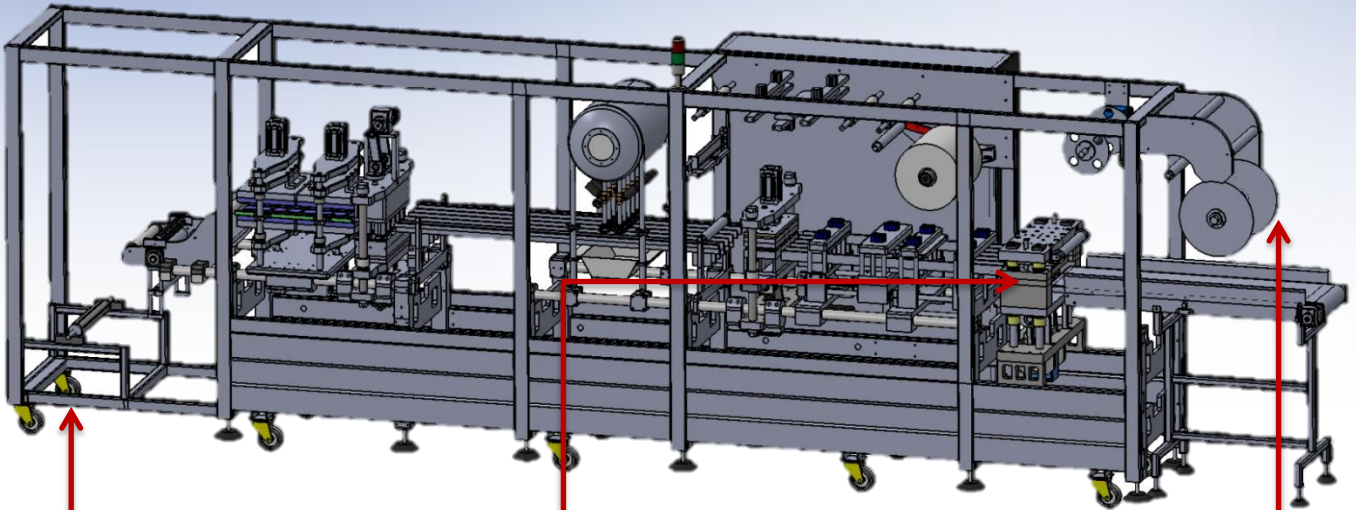
perFORMA420W cup water packaging line

capacity	18-22 cycle/minutes
Tool design	2x5 = 10 pcs/cycle
max. depth of cup	90 mm
pneumatic	Festo, MetalWork
electrical components	Siemens, Schnide
touch screen panel	BEIJER IXTTZE screen
PLC component	FATEK FB32PLC

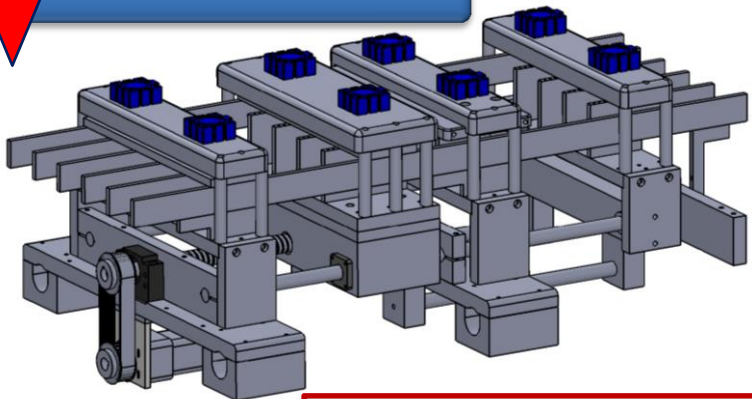


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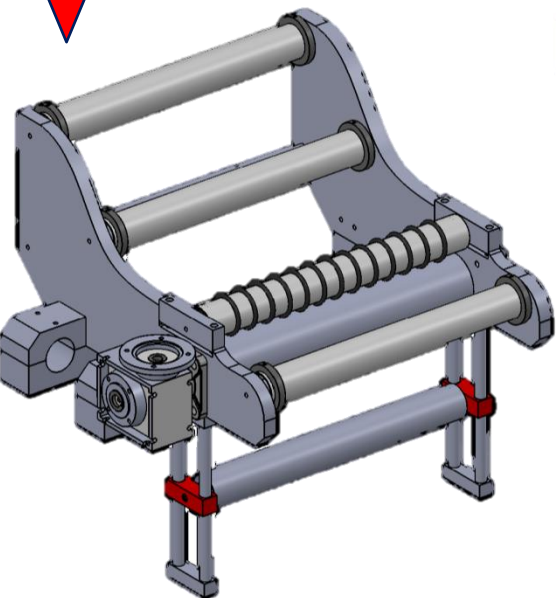
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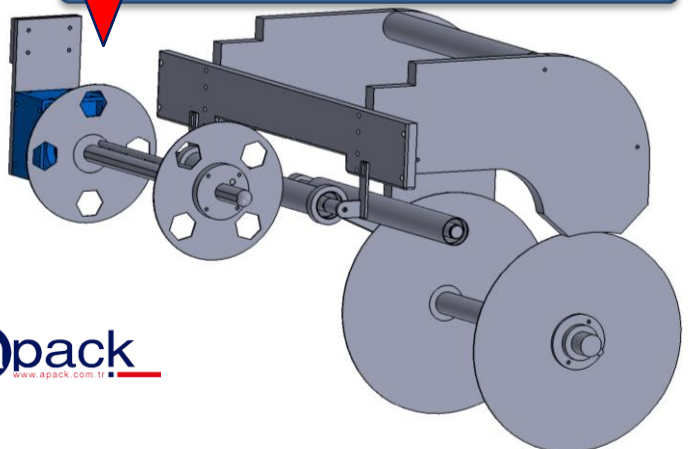
FILM ADVANCE



BOTTOM FILM LOADING

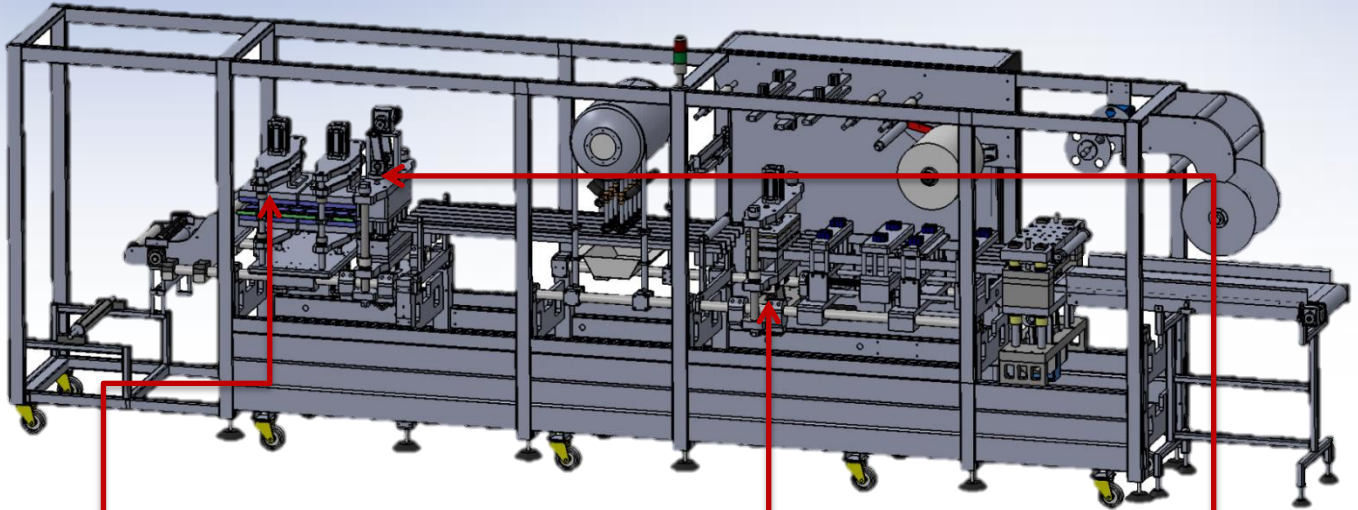


WASTE FILM COLLECT

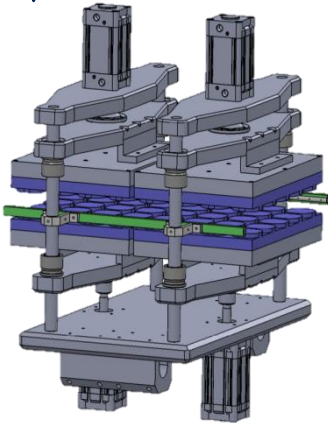


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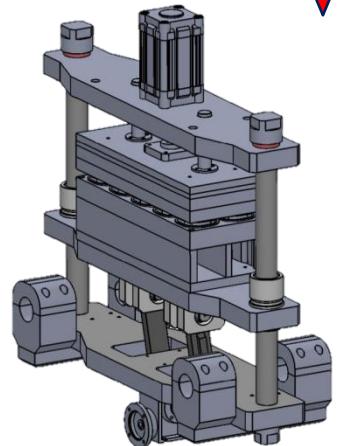
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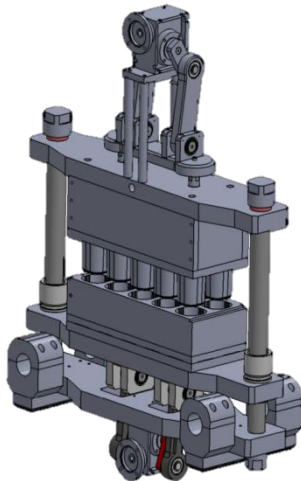
HEATING STATION



FORMING STATION



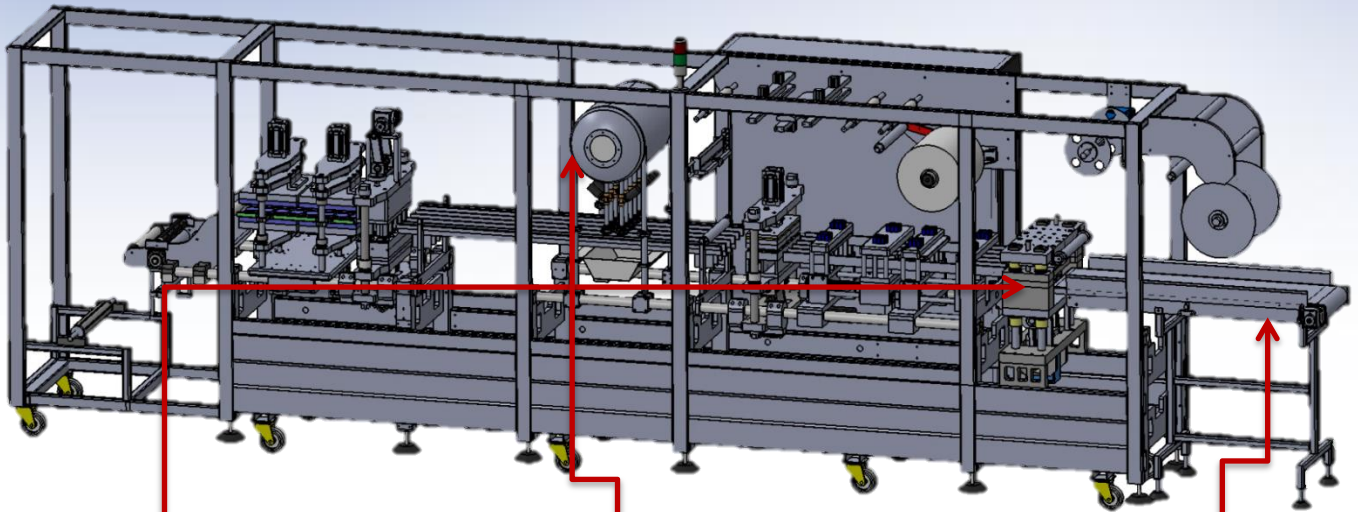
SEALING STATION



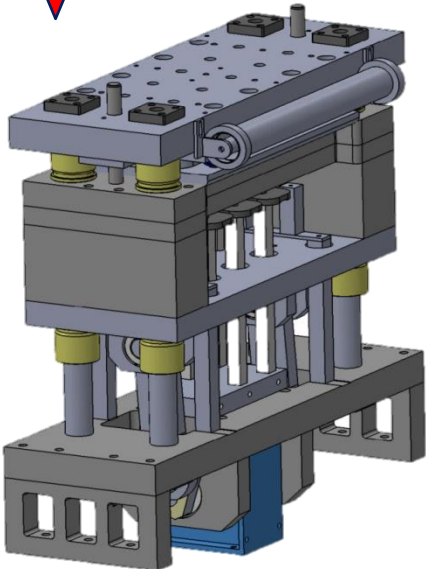
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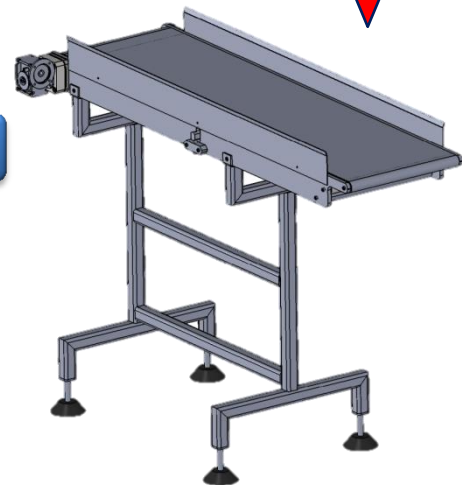
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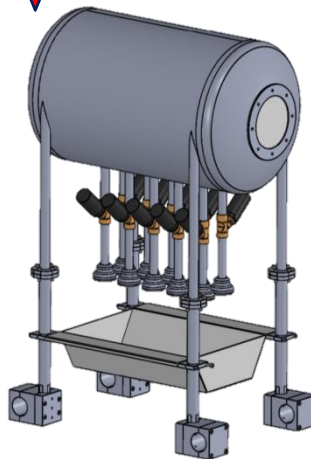
CUTTIN STATION



PRODUCT EXIT CONVEYOR



FILLING STATION



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perFORMA 420water CARTON ROBOT LINE

CARTON OPEN- LOADING - CLOSER LINE

Product: 200CC - 250CC - 300CC cup water
Carton line scynorized to perFORMA420W filler.

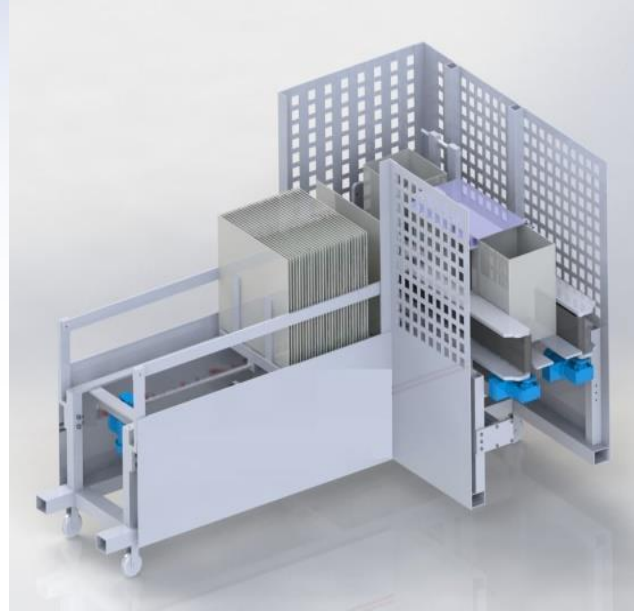
- . 200 cc (3 x 20) 60 pcs cup/carton
- . 250 cc (3 x 16) 48 pcs cup/carton
- . 300 cc (2 x 20) 40 pcs cup/carton

WORKING CYCLE

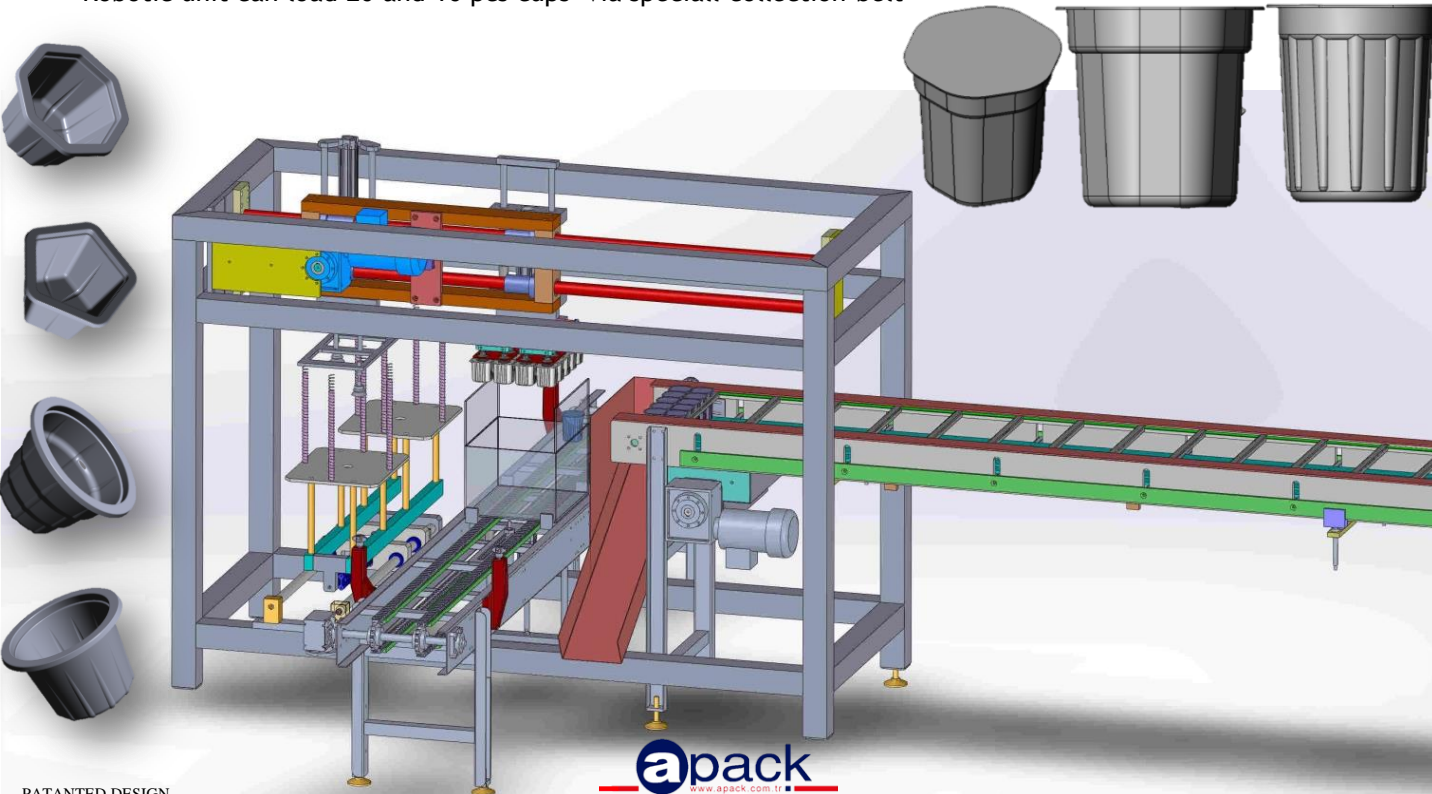
- . Carton feeding,
- . Carton open,
- . Carton waiting,
- . Loading,
- . Carton closer/seal
- . Label/print

OTOMATION

- . BEIJER IXTTZE series touch-screen
- . FATEK FB32 PLC unit



Robotic unit can load 20 and 16 pcs cups via speciall collection belt



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perFORMA420W technical chacteristic

Product	200cc, 250cc, 300cc cup drink water
Bottom film width	420 mm
Bottom rigid material	monoPET (min 600 mic– max.900 mic)
Bottom fim diameter	600 mm
Lid film width	410 mm
Lid film flexible material	ALU with Lacquires, PE peel 40-70 mic
Lid film diameter	76/300 mm
Body construction	ISI304 Stainless steel
Pressure air	6 bar dry air consuption 2.000 lt/minute
Cooling water	10-14 C notr pH, 300 lt/h (5.500 Kcal/h)
Size of the machine	7.000x12.000x2.000 mm, approx. 3.000 kg
Power	400 V, 50 hz, 3/n/PE max. 28 kW



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