

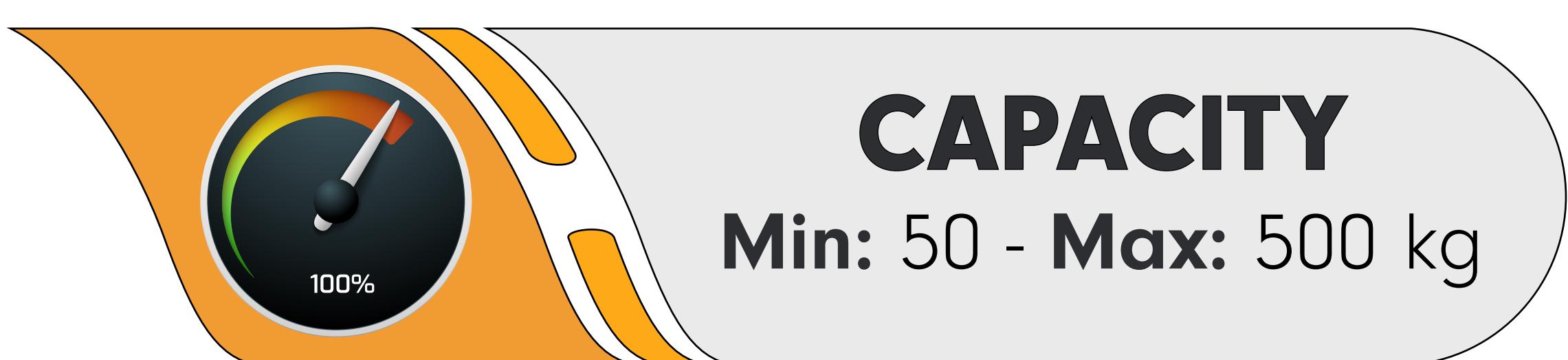
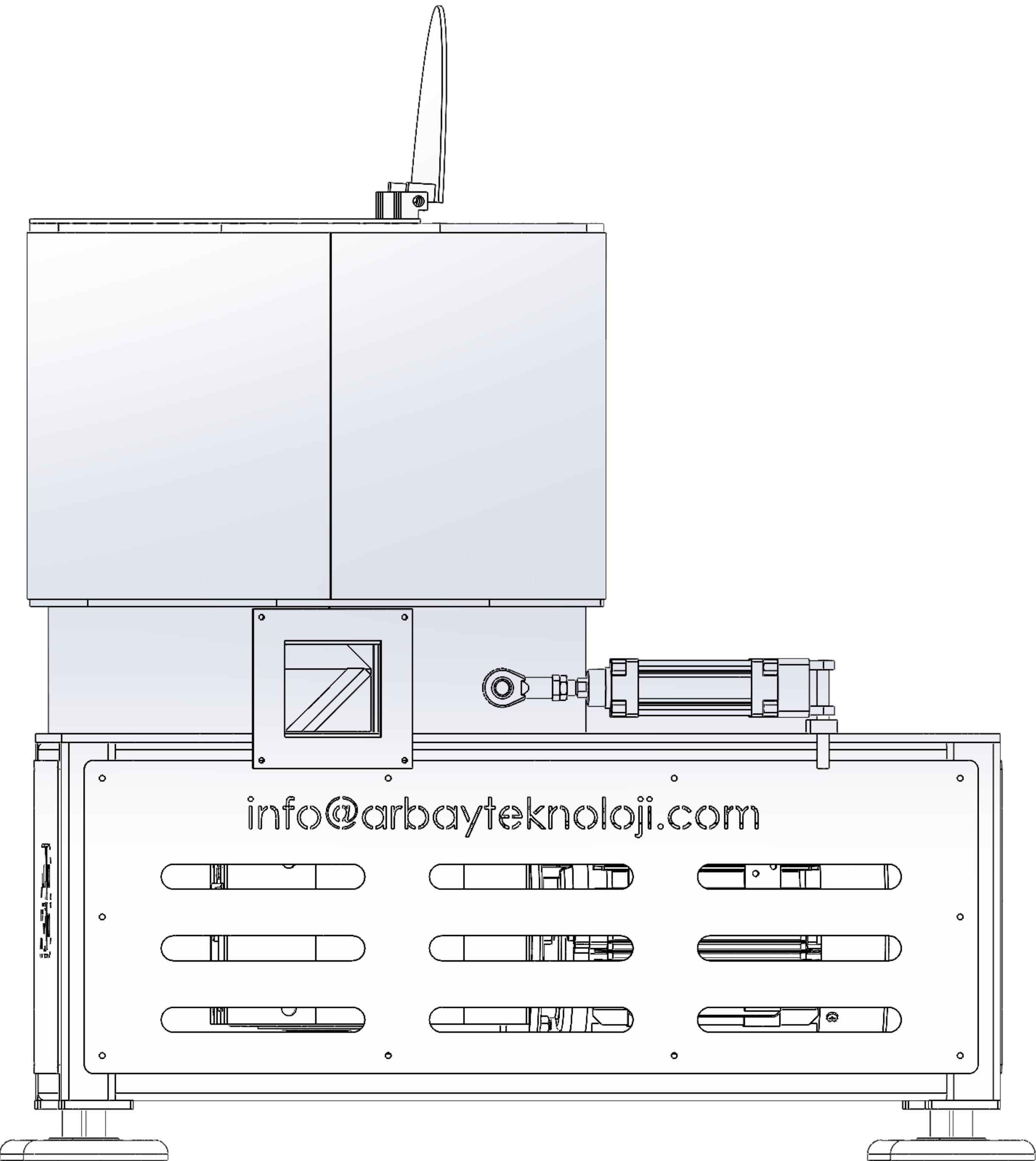


ARBAY TECHNOLOGY

Y o u r S o l u t i o n P a r t n e r

Bouillon & Yeast Full Production Lines

Mixer - Press - Wrapping - Robot and Box Making



MIXER

SIZE : 1056 (length) x 608 (width) x 1052 (height)

: 304 quality stainless materials

MATERIALS : PLC control panel (7'inc)

: Pneumatic Air System (Top Hatch | Evacuation Hatch)

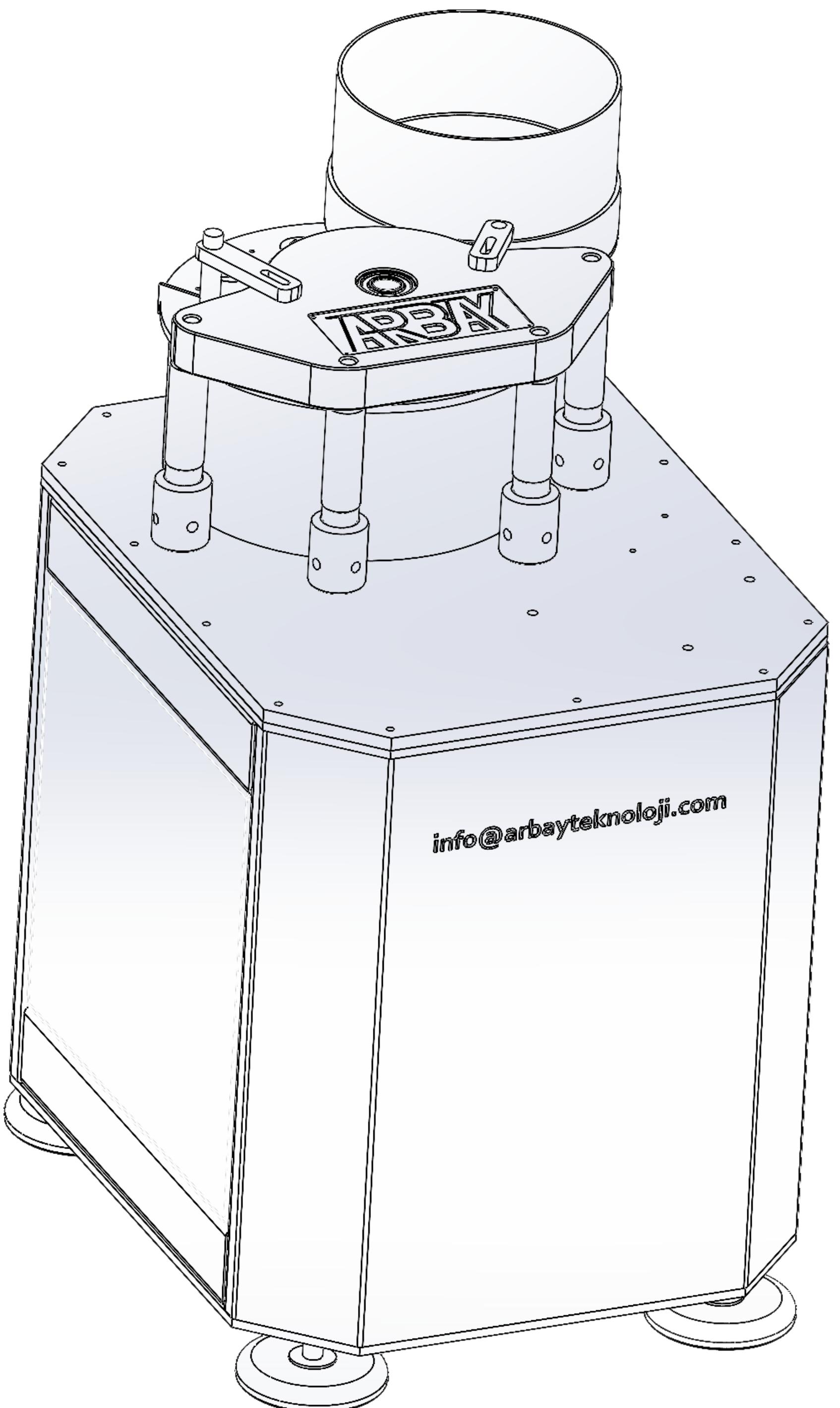
E.CONSUMPTION : 20 kWh



INFORMATION

Made by high quality stainless steel materials for food production.

The product prepared according to the formula is poured into the tank. The product mixed homogeneously is placed in chests and transferred to the cold air store.



CAPACITY
Min: 250 tablets

PRESS

SIZE : 800 (length) x 650 (width) x1195 (height)

MATERIALS : 304 quality stainless materials

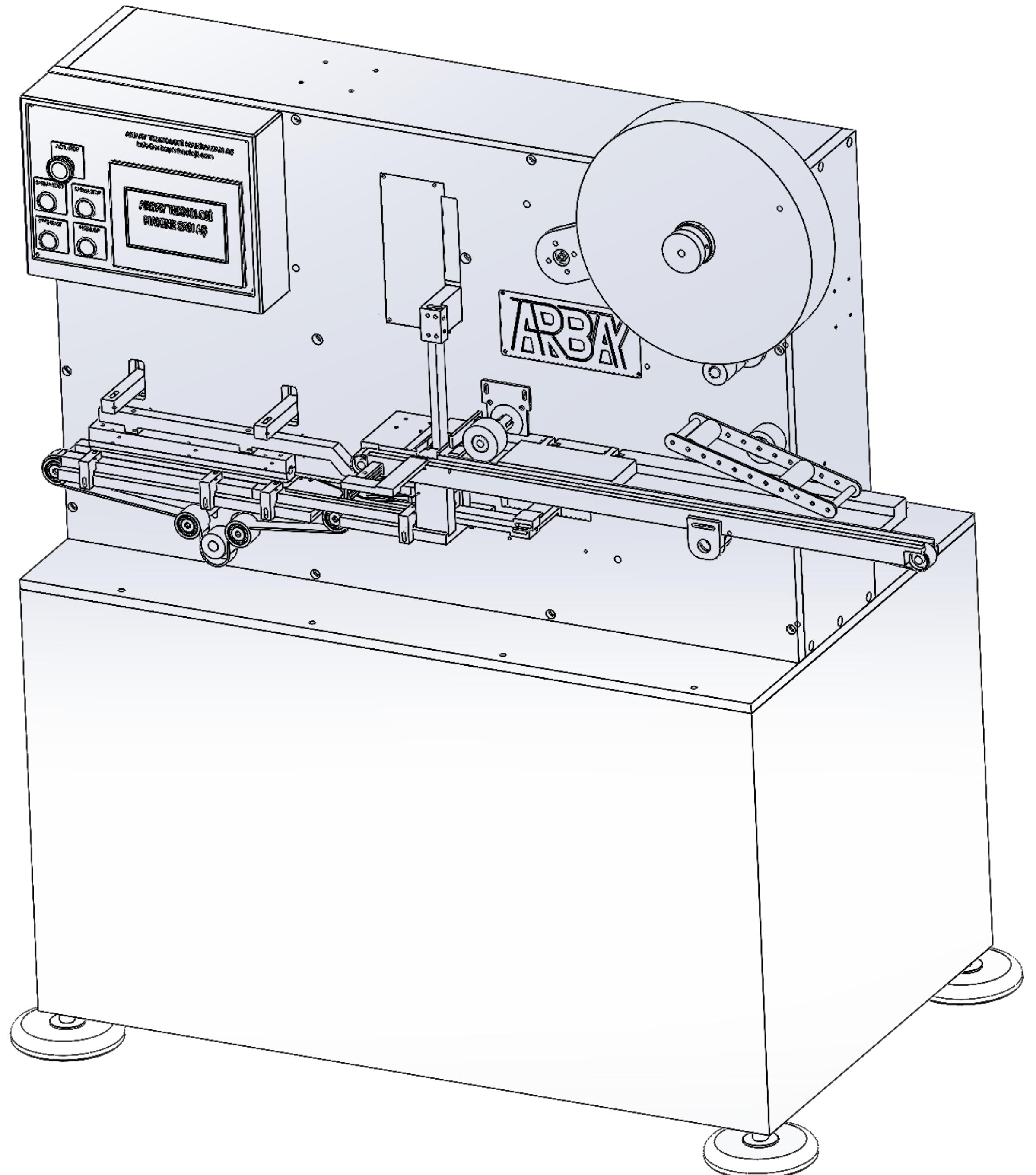
E.CONSUPTION : 5 kWh



INFORMATION

Made by high quality stainless steel materials for food production.

The product kept for a while in the cold air store is transferred to the mixer chamber of the press. It is weighted in grams volumetrically and made a tablet by pressing.



CAPACITY
Min: 250 tablets

WRAPPING

SIZE : 1150 (length) x 700 (width) x 1430 (height)

MATERIALS : 304 quality stainless materials

: PLC control panel (7'inc)

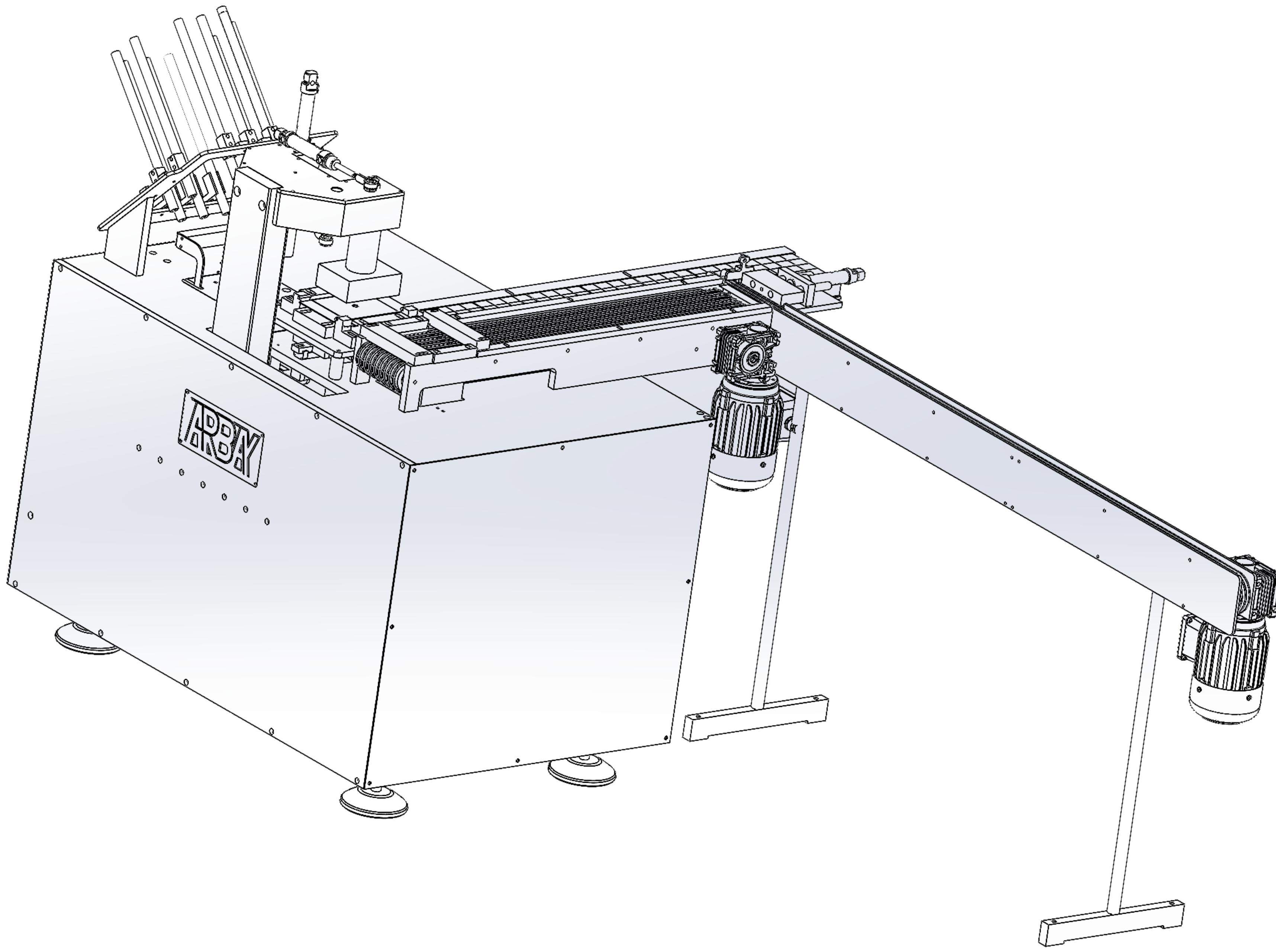
E.CONSUPTION : 2 kWh



INFORMATION

Made by high quality stainless steel materials for food production.

The tablets received from the press are pushed into the mold. The bouillon tablets which are pushed are packed in the form of envelope by virtue of horizontal and vertical movements.



CAPACITY
64'p min **4 box**
48'p min **6 box**

ROBOT & BOX MAKING

SIZE : 2131 (length) x 1328 (width) x 1103 (height)

: 304 quality stainless materials

MATERIALS : PLC control panel (7'inc)

: Pneumatic Air System

E.CONSUMPTION : 0,50 kWh



INFORMATION

Made by high quality stainless steel materials for food production.

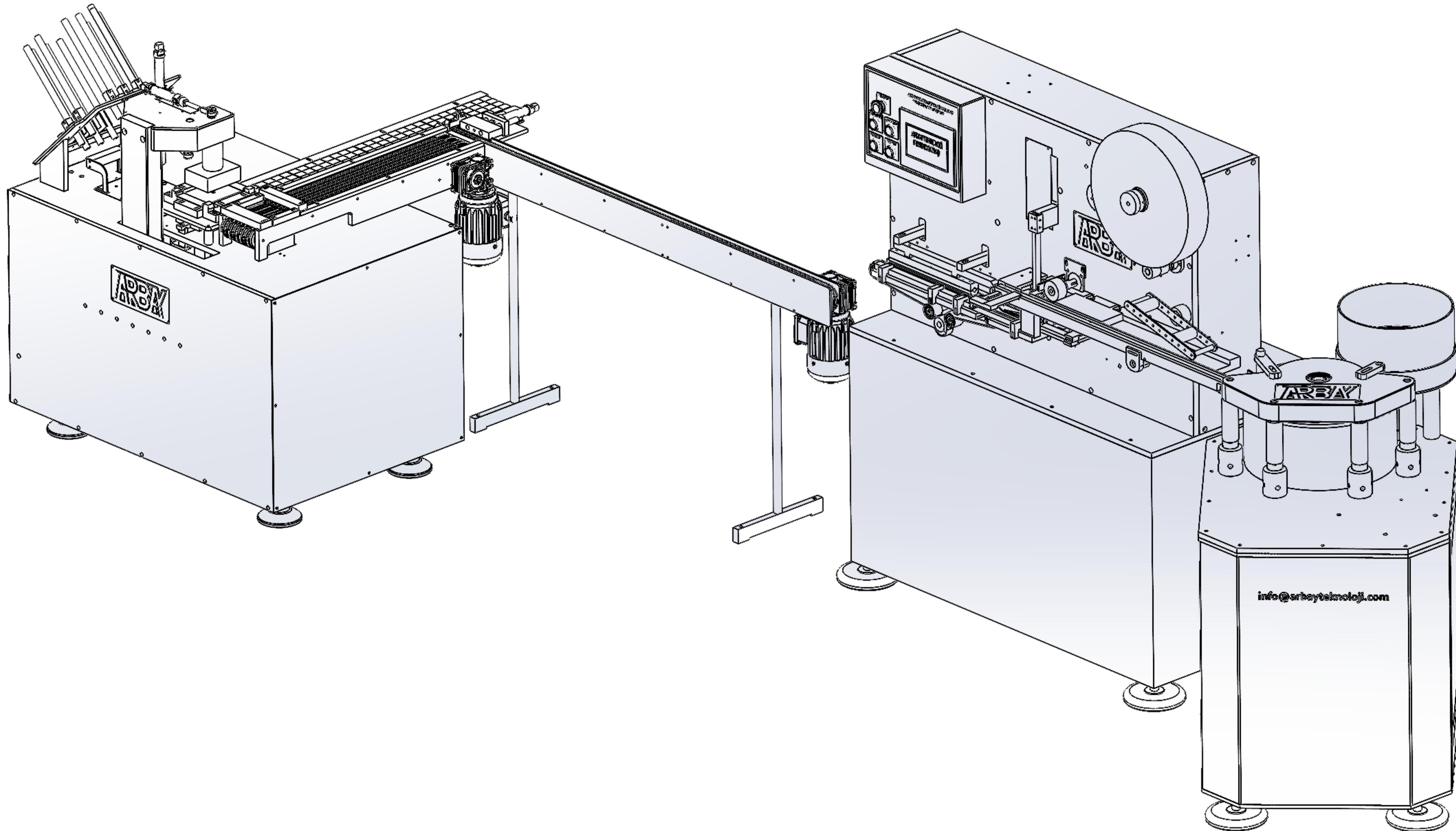
The packaged product received from wrapping in a cord is prepared lined in 3 or 4 rows. The rowed products are packed in groups. They are packed as 3,4 and 5 layers. It also produces boxes at the same time.



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FULL INSTALLATION





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OUR REFERENCES



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MATERIAL USED IN THE MACHINE

- 1** ELECTRICAL SWITCH MATERIALS
MADE IN GERMANY
- 2** PLC (CONTROL) DELTA
- 3** YILMAZ REDUKTOR
- 4** PNEUMATIC NOGREN
- 5** ALUMINUM 7500 SERIES
- 6** STAINLESS 304 QUALITY
- 7** SPECIAL ALLOY BRONZE
- 8** BEARING FAG-SKF
- 9** LINEAR BEARING TAIWAN
- 10** CONNECTION EQUIPMENT
WURTH

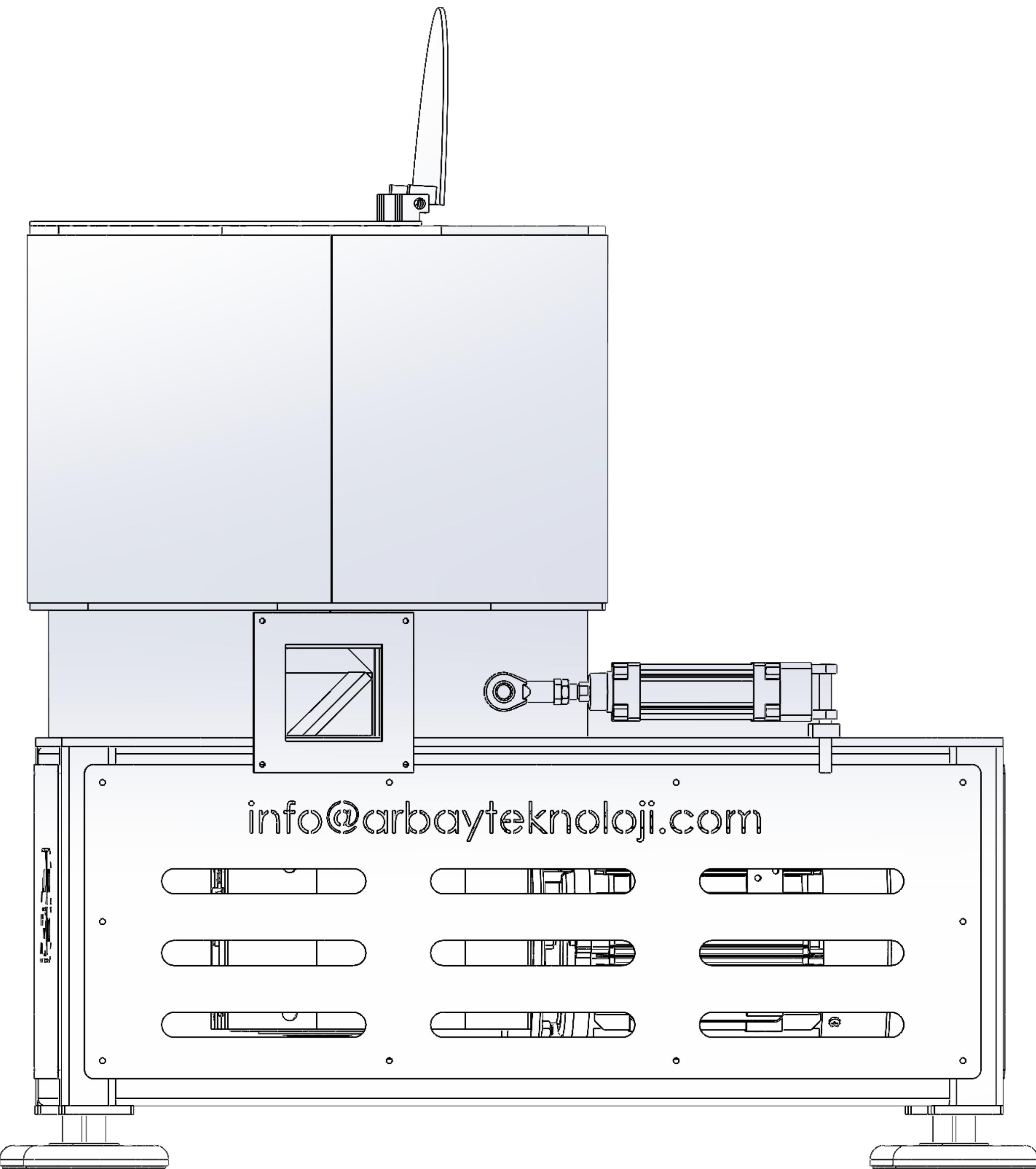


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MACHINES FORMING

The Facility



MIXER ROOM

➤ 1 PIECE (LUMB) CUSHING

➤ 1 PIECE FAT MELTING

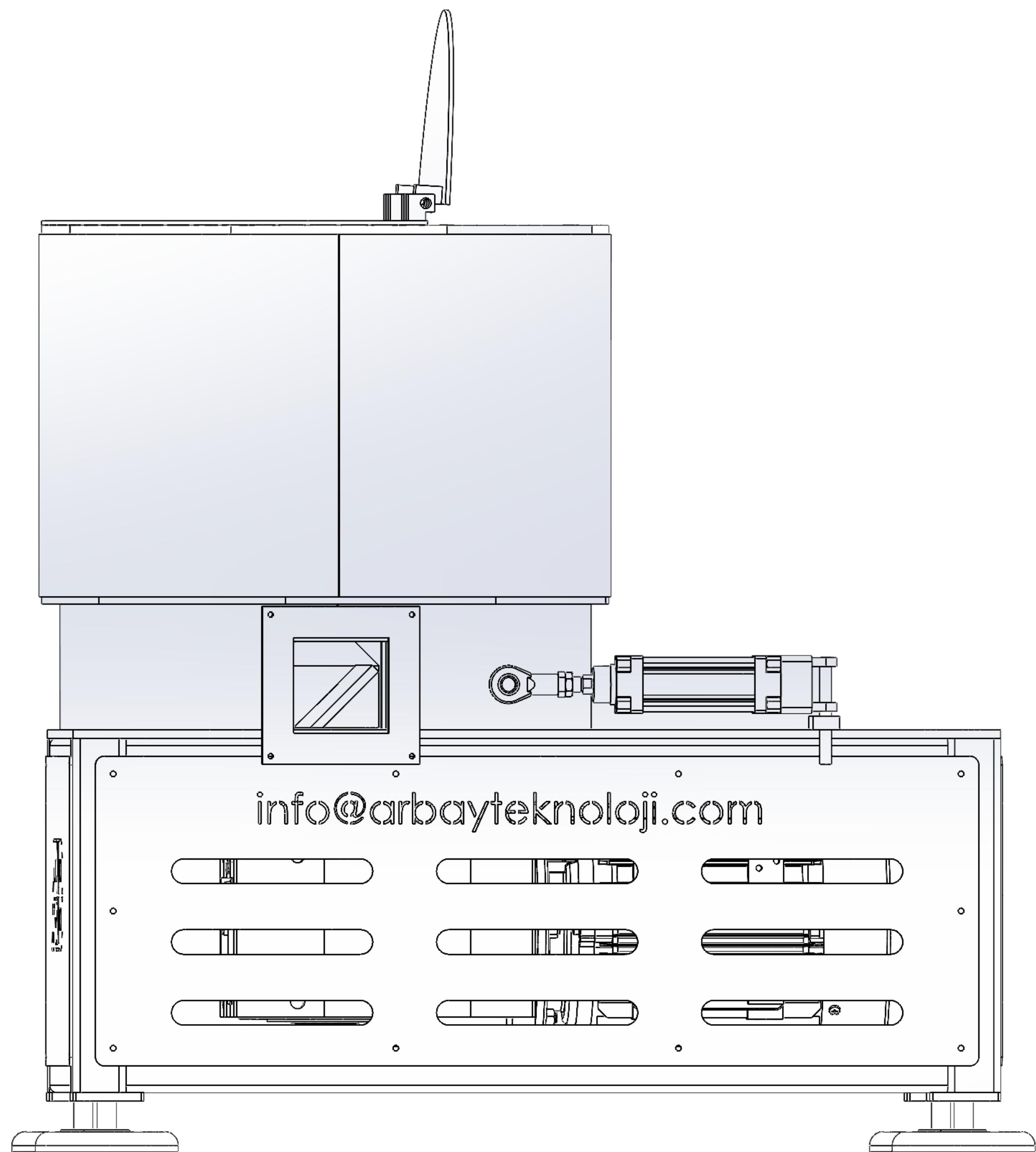
➤ 1 PIECE 150 KG MIXER



MIXER PRODUCTION OPERATION

The raw materials coming from the warehouse are weighed according to the recipe. The weighed raw materials are discharged to the raw material section of the mixer in order. The melted bes45 oil in the oil boiler is put into the oil boiler section of the mixer. After these processes are completed, the mixer is mixed for 7-9 minutes by combining the raw material with the oil according to the software already written.

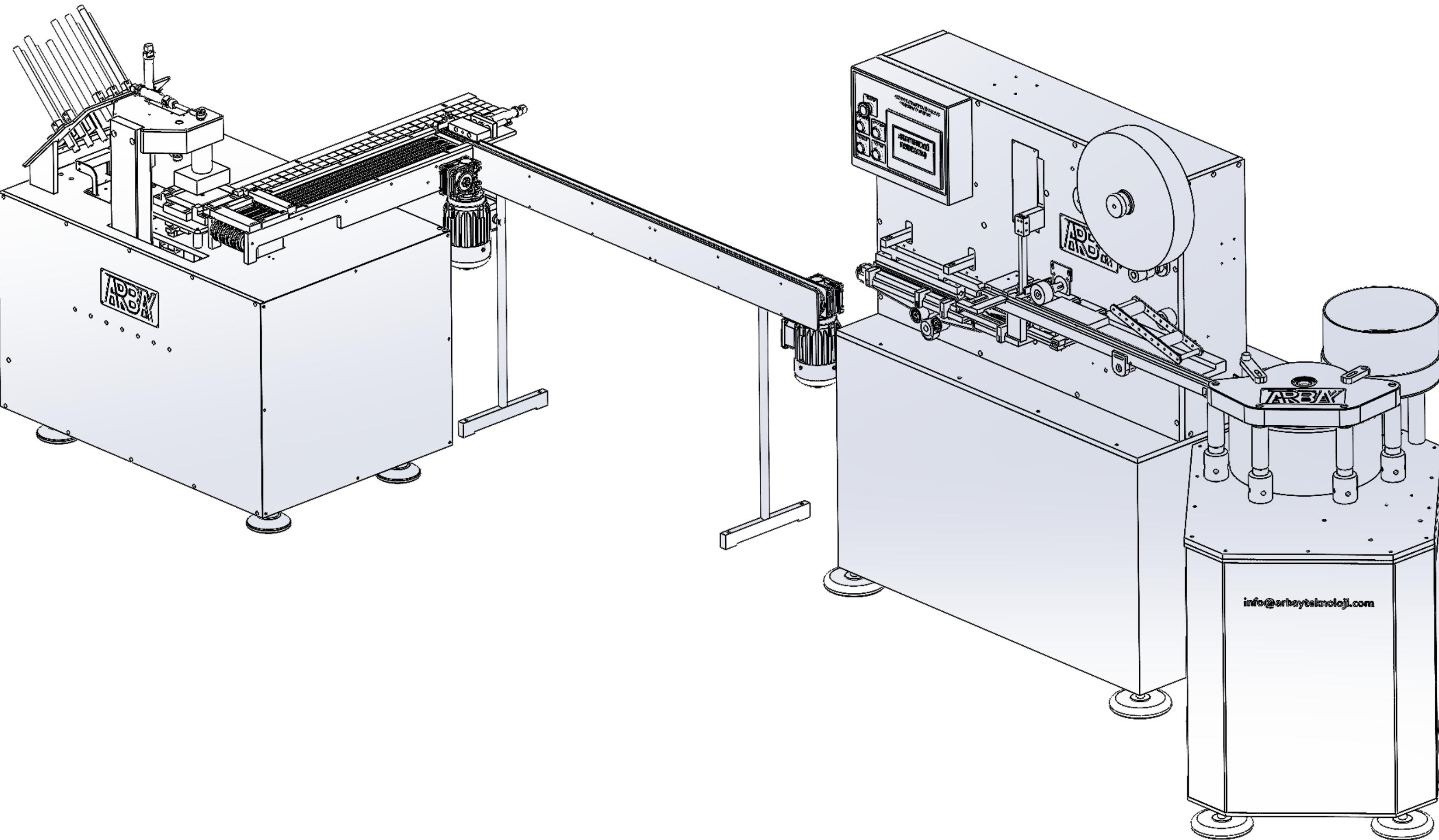
Oil spraying starts 1 minute after the mixing starts. When the oil spraying is finished, the mixture ends and a homogeneous mixture is obtained. All of these processes are done fully automatically. The goods in the mixer are taken to the hoppers. It is expected to drop from 60 degrees to an average of 30 degrees. It is put in cold weather. The product, which is rested between -5 degrees for 8-10 hours and dehumidified, transfers to the packaging room as needed.





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PACKING ROOM



1 PIECE PRESS **450 TABLET**- per **MINUTE**



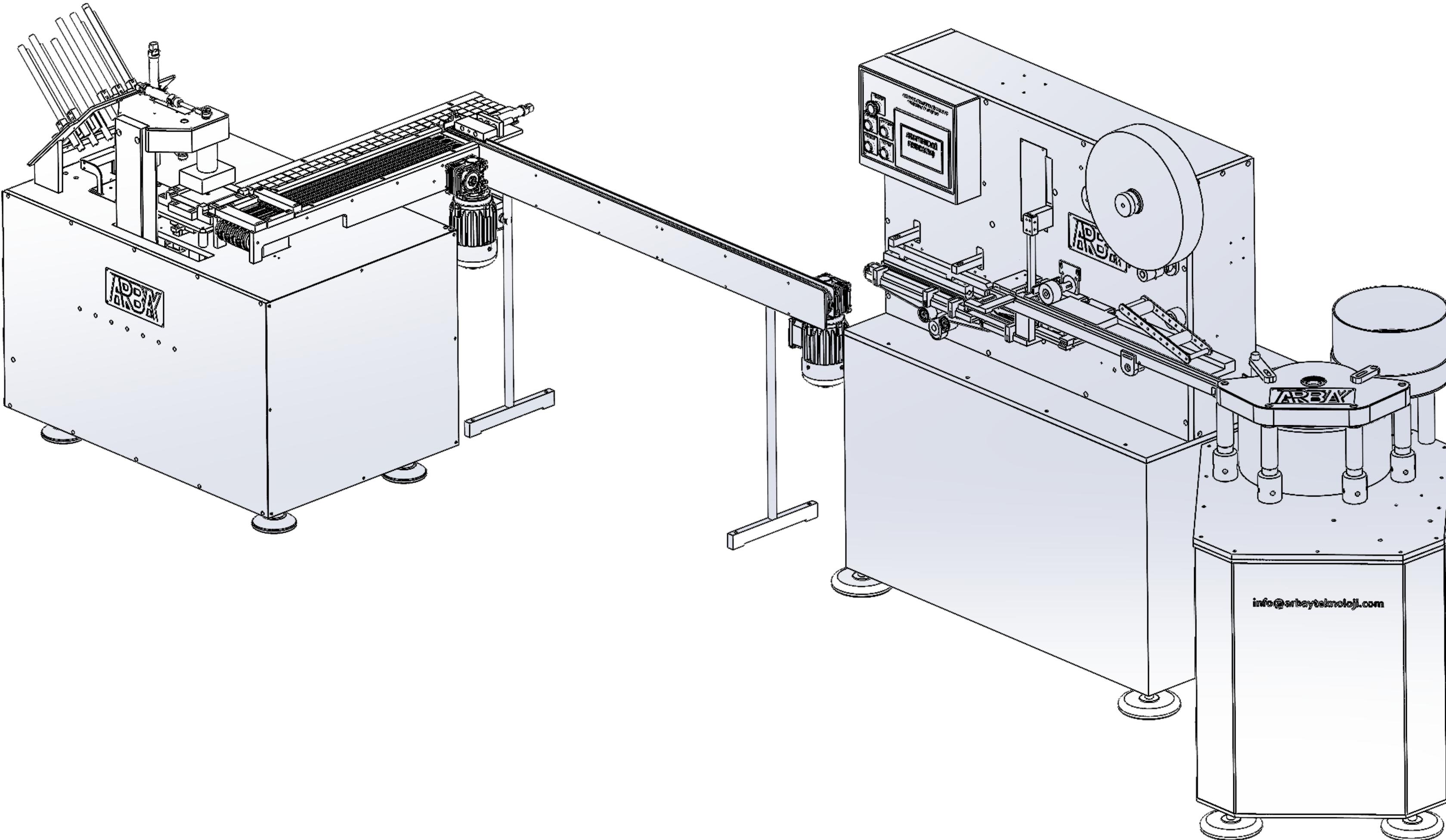
1 PIECE **WRAP 380 - 420** - per **MINUTE**



1 PIECE ROBOT with SERVO BOX
making **48 PIECES** per **MINUTE**



PACKING PRODUCTION OPERATION



The product coming from the cold storage is maximum 18 degrees and is brought to the packaging room. The brought product is poured into the mixer chamber of the press and ensures that the mold slots of the press are filled. When the filling process is finished the sensor produces bouillon cubes by enabling the press to act after seeing the product for a certain period of time.

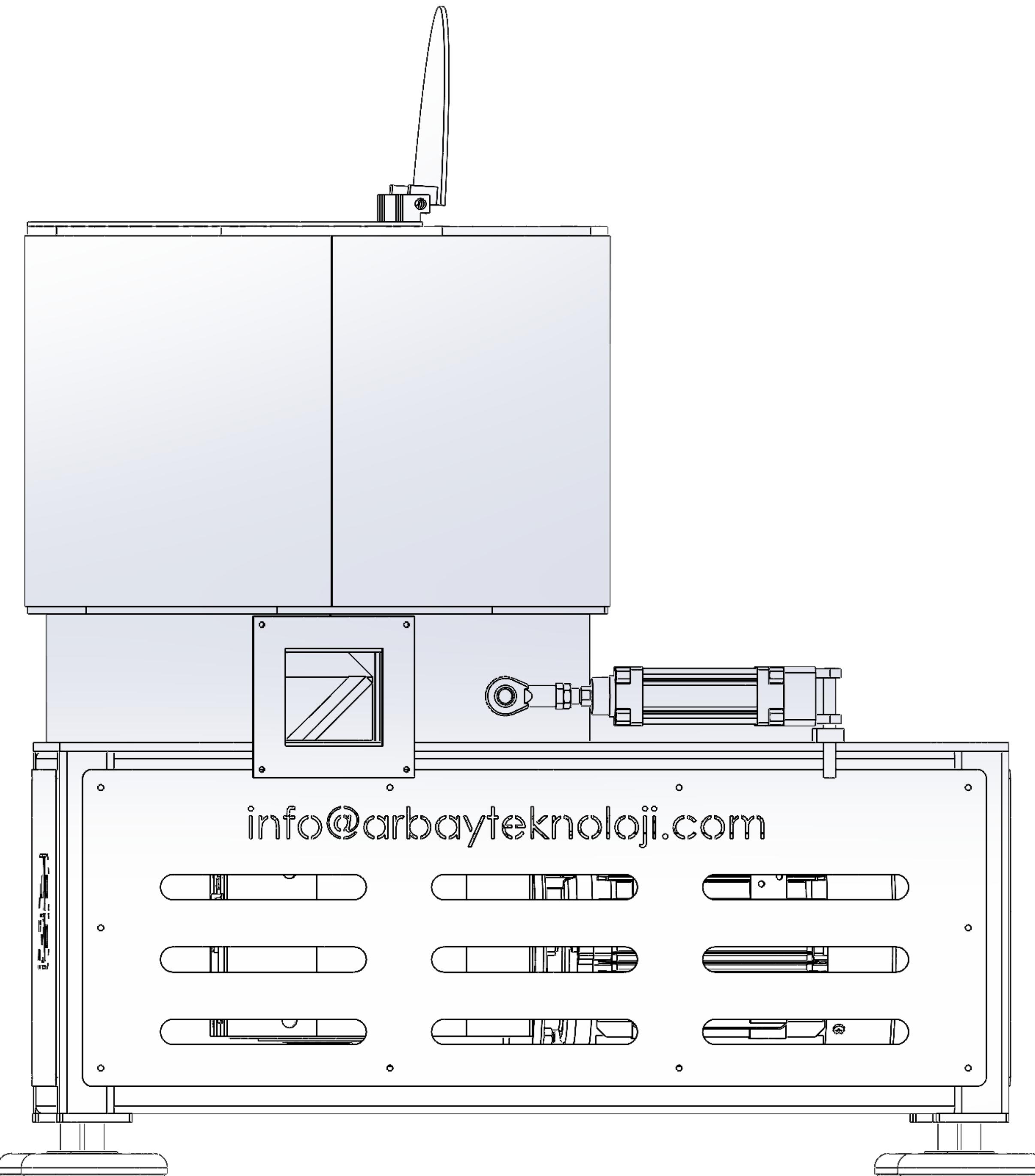
The cubes produced are transferred to the wrapping with the help of a conveyor and covered with the already existing packaging. The coated packages are closed by seeing heat. The closed packages reach the robot with the help of a conveyor. Here, our product is stacked in layers in the already existing box.



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SPARE PARTS LIST

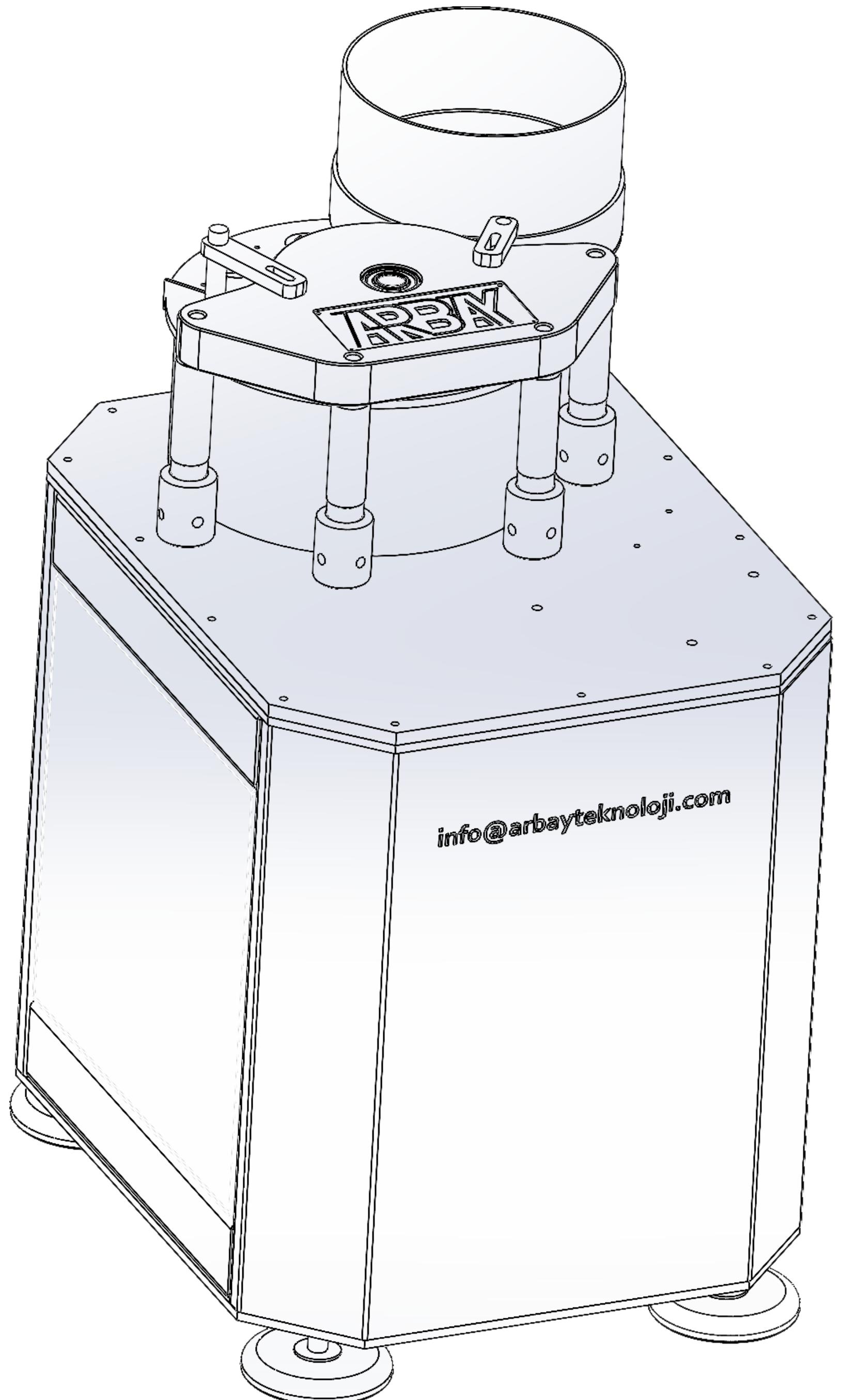


MIXER

2 PIECES OF
OIL MELTING RESISTANT



SPARE PARTS LIST

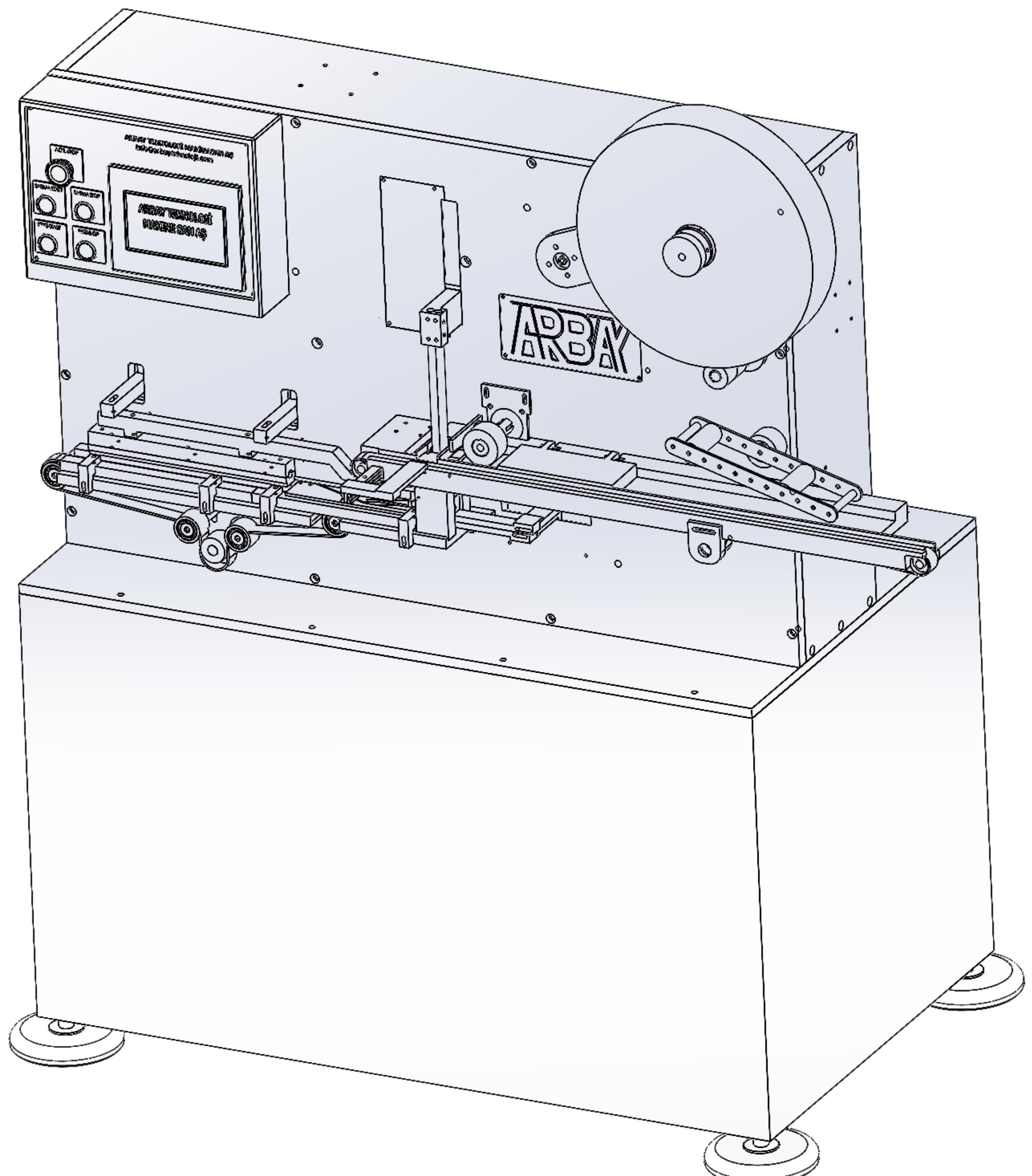


PRESS

► 2 PIECE BRUSHES



SPARE PARTS LIST



WRAPPING

- 2 SETS OF SCISSORS
- 4 PIECE BAND
- 4 PIECE IRONING RESISTANCES
- 20 SETS OF HEAT TEFLO
- 1 SERVO SHAFT2 PIECE LINEAR BEARINGS
- 1 METER BED RAIL
- 30 METERS O-RING TAPE
- 1 PIECE 0.75 KW DRIVER
- 1 PIECE CUBIC SENSOR
- 1 PIECE METAL SENSOR
- 4 PIECE 8 MM JOINT
- 1 SET OF BOTTOM PUSHERS
- 1 SET TOP PUSHER
- 1 PIECE NOGREN VALVE
- 1 PIECE VACUUM NOZZLE
- 1 PIECE MAIN GEAR
- 1 PIECE SHAFT GEAR
- 1 PIECE CAMSHAFT



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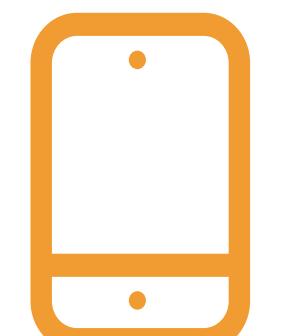
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