



yrc makine
Bouillon machines



BOUILLON

Keyturn facilities

One supplier for all

Murat Paşa District Rami Kışla Avenue Uluyol Street. No: 97/1-19-20 Bayrampaşa / İSTANBUL



Discover more :
www.yrcmakine.com

ITS IN YOUR HANDS.

Be a part of this pride.

" From 1993 to 2012 our company produced cube sugar and packaging machines."

Our company started producing tablet Bouillon and packaging in 2012 Which is a first in the Turkey. Untill today we established 36 New facilities and produced 9 New machines for pre-established facilities.

Our values;

- Prioritizing occupational health and safety
- To comply with work ethic
- Showing transparency
- Work effectively
- To abide by the laws meticulously
- Finding solutions with empathy

Yrc make quality

For boullion



Spare parts service

Guarantees in %99 of all cases that the spare part you require is in stock, ensuring you can quickly return to your work



Keyturn facilities

We always aim to help our customers needs and plannings. Everything about boullion you will need can and will be provided by us. Our facilities work synchronously and require less effort



Easy maintenance

Our boullion machines designed for easy maintenance. Rather than unnecessary complex designs we aim the simplicity and performance.



Operational education

We always have your back. Upon installation your operators will get required education to run and maintain the facility.



Recipe support

You will be provided with recipe and formulation information

Summary of contents

0 | Our company

1 | Features

2 | Summary of contents

3 | General information

3.1 | General information

4 | Wrapper

5 | Pres

6 | Mixer

7 | Box Forming machine

8 | **Double** boxing machine

9 | **6-8 10-12** Pieces boxing machine

10 | **48-60** Pieces boxing machine

11 | Other

12 | Layout plan

13 | Mixer room

Machines & End products

Essential machines for single line production;

1	2	3
Mixer	Pres	Wrapper



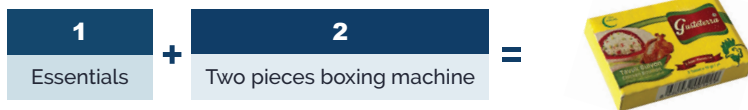
These three machines will be required in every scenerio.

- ▶ Its important to know not every mixer will be effcient for the boullion production. We design our mixers fit for the job.
- ▶ In boullion line Wrapper and Pres are attached and work synchronously for example ; if pres waits wrapper acts accordingly.
- ▶ Pres and the wrapper designed to suit our customers product needs. 4 gr, 10 gr, 12 gr, 20 gr and more

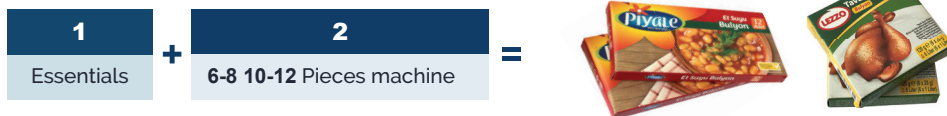


Packaging types and conditions

2 pieces in a box



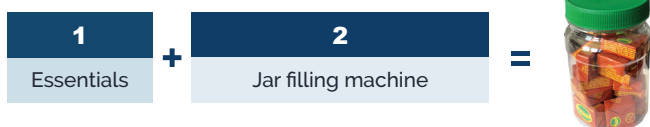
6-8 or 10-12 Pieces in a box



48 & 60 Pieces in a box



Jar filling



- ▶ Each line of blocks represents a production line. Every machine is attached to another by the product output via conveyors

Frequently asked questions

Varranty

2 Year varranty for mechanical parts and other mechanical parts and electrical components have its own varranty.

Why not make single machine with faster production speed rather than multiple machine?

Single machine with multiple heads often proceeds into failure there is three reasons behind it;

- 1- In multiple head designs if any problem accurs on single head, the whole machine has to be stopped for inspection and fixing. Resulting whole production discontinue.
- 2- Bigger machines with multiple heads are complex and requires much more attention and maintanining.
- 3- Due to complex nature of it producing such machines requires more effort and resources resulting pricing higher. We always aim to make our customers happy with pricing and quality.

Can single machine produce different gr's of bouillons?

It not possible however pres machine has gr's setting in vertically.

What is the oldest machine functioning in the field?

There are 10 years old machines still functioning as the first day.

I have mixer in my facility can use it for bouillon?

Bouillon mixing requires heating system in the mixer. For the ouil to distribute homogeneous that is essential. You can consult our experts for detailed information

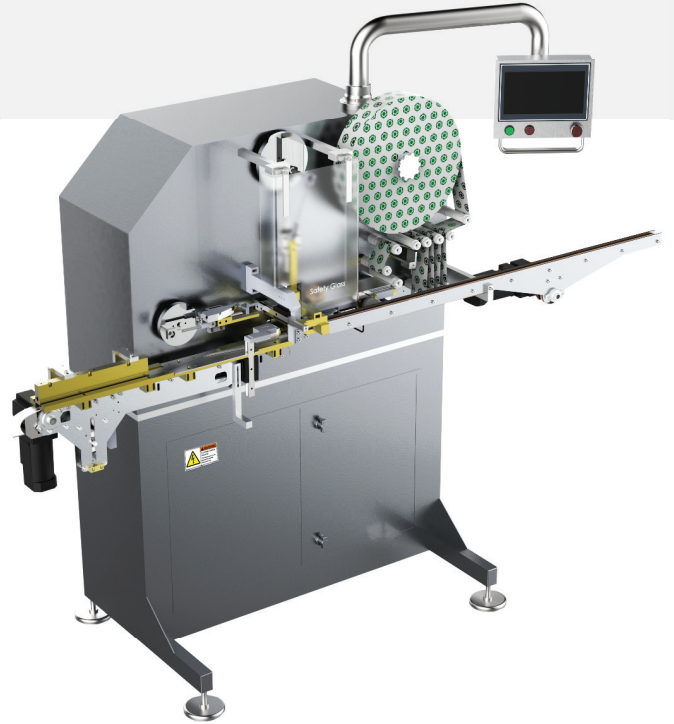
What happens after sale?

After our machines arrive to your facility. Our engineers perform the installation start the machines, adjust the recipe and give operational education to your staff.

Bouillon wrapping Machine

Bouillon Wrapping Machine

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.



Features

- Adjustable settings for every action with 10 inch touch screen
- Anti mechanical jam detectors
- Precise servo motor for main mechanical component
- Sync with press machine

Materials & Components

- 304 Stainless steel parts and chassis
- 7000 series aluminium
- Molding and heating parts are Brass
- Mechanical parts that is 'steel' coated with Chrome coating

Output

Approx 200-220 Bouillon cubes per minute

Dimensions

- Width: 650mm
- Height: 1600mm
- Length: 2200mm

Electricity

- Consumption: 2kWh
- Components: Delta electronics
- Motors: Delta Servo and Yılmaz Redüktör

Bouillon pres Machine

Bouillon Pres Machine

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.



Features

- Lumb breaker feed with filling blades
- Adjustable grams
- Auto mold cleaning brush
- Easy to clean and maintain
- Efficient integration to the packaging line

Materials & Components

- 304 stainless steel chasis lids, top base and parts
- some of the hard steel parts coated with hard chrome coating

Output

Approx 250 Bouillon cubes per minute

Dimensions

- Width: 656mm
- Height: 1480mm
- Length: 806mm

Electricity

- Consumption: 5kWh
- Components: Delta electronics

Important ; Touch panel and extras are only for standalone version. Where both wrapper and pres exists one screen provides all needs.

Mixer

Designed for bouillon

Mixer

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.



Features

Specially designed for bouillon
Double sided heating

Dimensions

Width:	1000mm
Height:	2000mm
Length:	2000mm

Materials

304 stainless steel body

Electricity

Consumption:	Between 4kWh - 11 kWh according to desired production
Components:	Delta electronics

Output

Average 600kg of product in hour

Mixer's dimensions weight and look may vary depending on the required output

Box Forming Machine

Box Making

The boxes received from the printing house placed in the magazine tank of the box making section and the boxes are glued and shaped by virtue of the mold and transferred to the conveyor.



Features

Easy maintenance

Dimensions

Width: 570mm
Height: 1980mm
Lenght: 850mm

Materials

304 stainless steel body

Electricity

Consumption: Between 4kWh - 11 kWh
according to desired production
Components: Delta electronics

Output

15 box in a minute

Double boxing Machine

Two pieces boxing machine

Printed products or unprinted products received from the printing house are placed in the magazine. tablets received from wrapping are lined in 2 rows and then tablets which are wrapped are pushed into the package received from the printing house and folded.



Features

precision servo motor
Easy magazine filling

Dimensions

Width:	1155mm
Height:	1400mm
Lenght	2250mm

Materials

304 stainless steel body

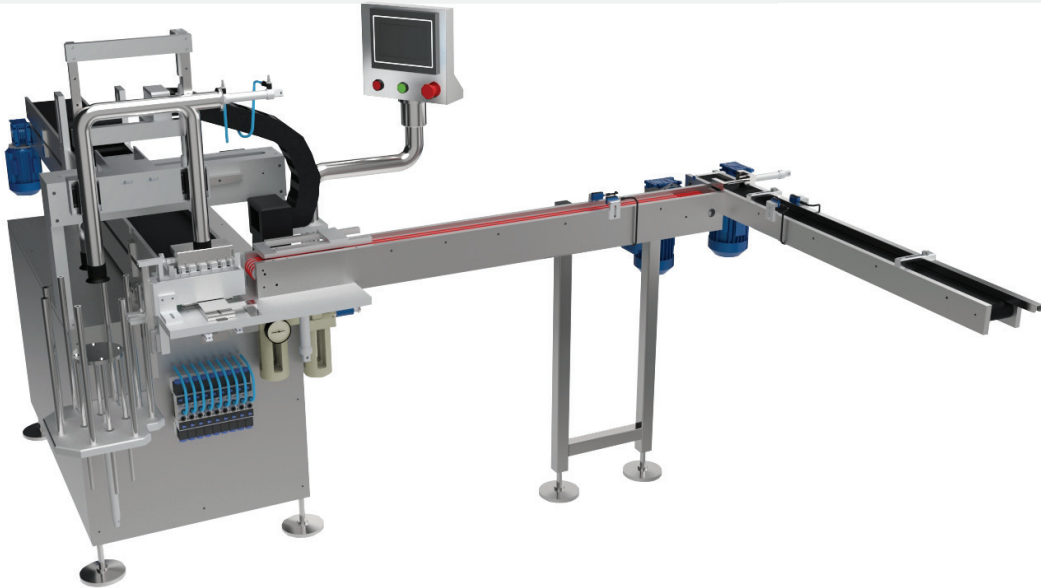
Electricity

Consumption:	2kWh - 3 kWh
Components:	Delta electronics

Output

100-120 per minute

6-8 10-12 Pieces boxing Machine



6-8 10-12 Pieces boxing machine

Printed or unprinted products received from printing house are placed in the magazine. Tablets received from wrapping are lined in 2 rows and then tablets which are wrapped are pushed into package and folded. Folded boxes remain between the conveyors for a while to insure glue are dry..

Features

Touch screen
Adjustable head

Dimensions

Width: 1900mm
Height: 1435mm
Lenght 3250mm

Materials

304 stainless steel body

Electricity

Consumption: Between 4kWh - 5kWh
according to desired production
Components: Delta electronics

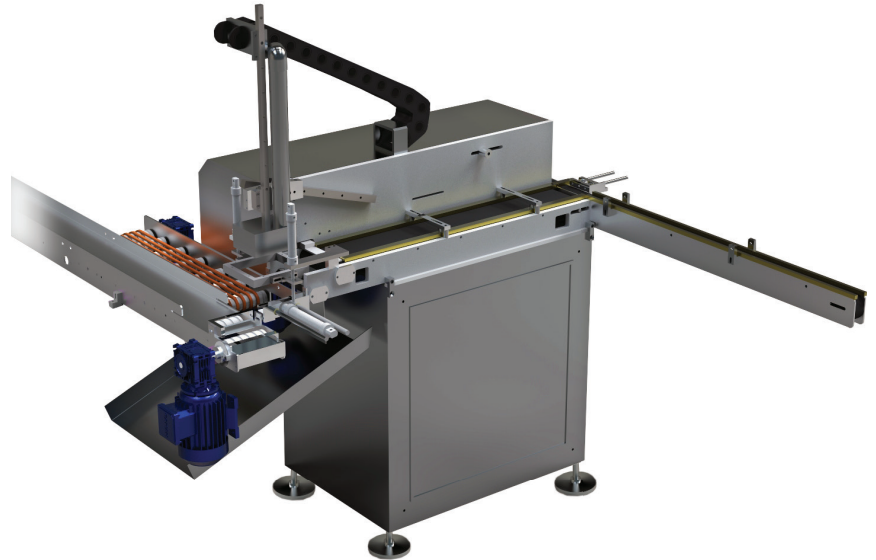
Output

6 pieces = 33-35 boxes per minute
8 pieces = 25 boxes per minute
10 pieces = 20 boxes per minute
12 pieces = 15-16 boxes per minute

48 & 60 Pieces filling Machine

48 & 60 filling robot

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.



Features

Sync with box making and wrapper

Dimensions

Width:	1528mm
Height:	1450mm
Lenght	3500mm

Materials

304 stainless steel body

Electricity

Consumption:	Between 4kWh - 11 kWh according to desired production
Components:	Delta electronics

Output

Average 600kg of product in hour

Other Machinery

Elevator feed

Product poured into the container
Spirals carries the product into pres mixer feed



Dimensions

Width:	1000mm
Height:	2000mm
Lenght	2000mm

Wastage breaker

Turns bouillon cubes into powder form

Dimensions

Width:	1500 mm
Height:	1000 mm
Lenght	1000 mm

Oil melting

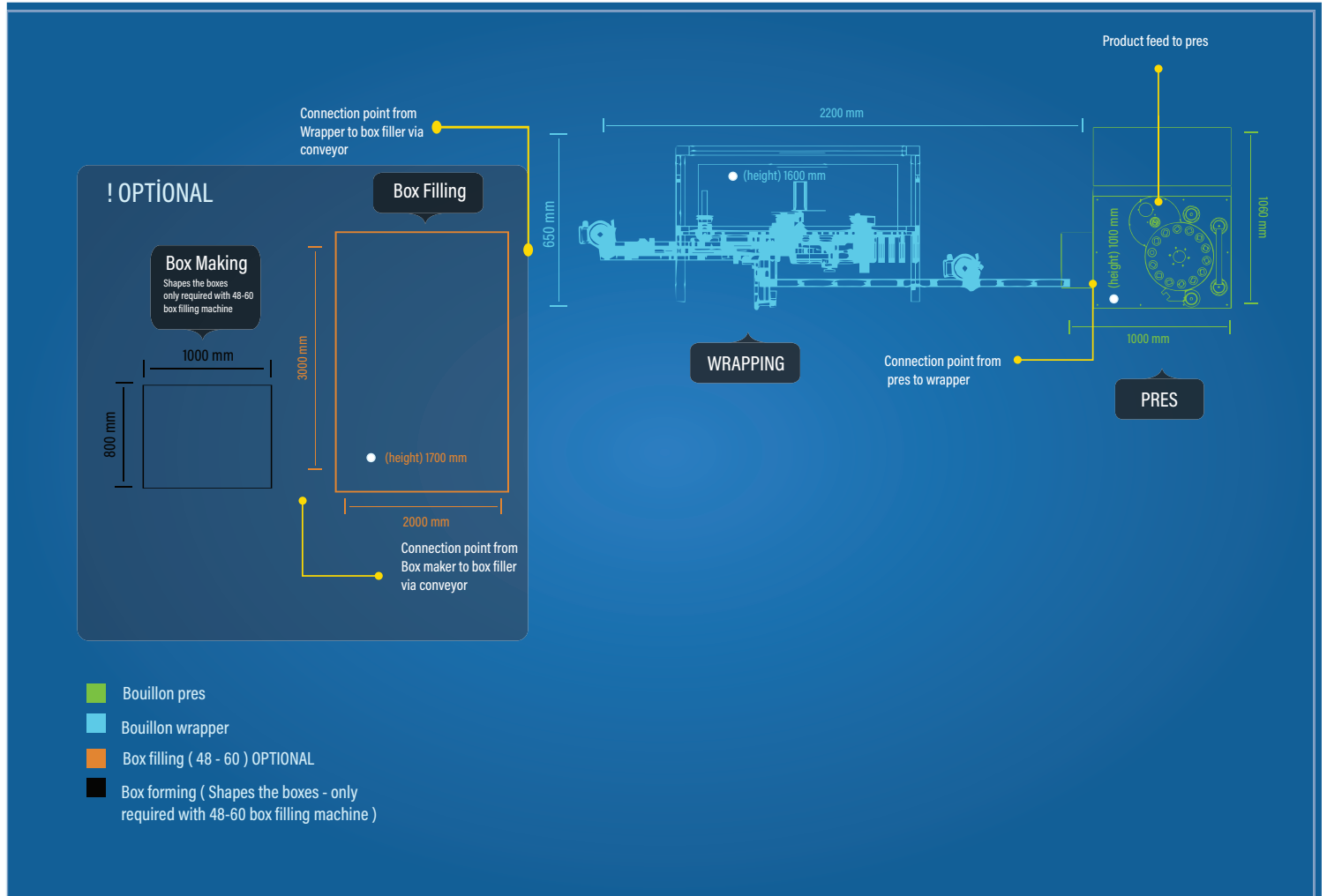
included with the mixer

Dimensions

Width:	1500 mm
Height:	1500 mm
Lenght	1000 mm

Layout plan

For single line



important

Pres and the wrapper are essential. At the end of the wrapper can be different machine based on the needs. That could be "Box filling machine", "Two pieces boxing machine", "6-8 10-12 boxing machine" or "Jar filling machine"

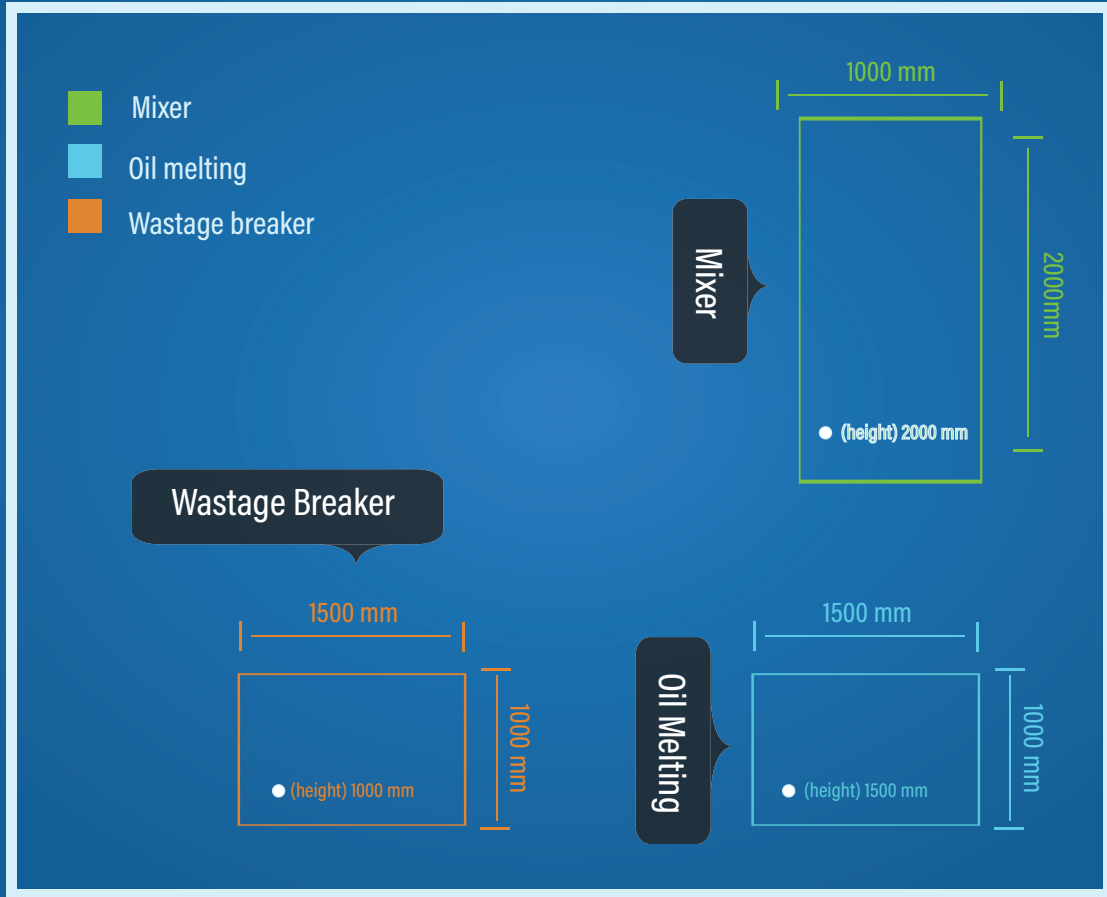
Please consider those are dimension without conveyors. If required you will be provided with info and conveyors can be re-designed in case of insufficient area. Total dimensions may vary depending on the requirements and requests.

Mixer room plan

For single line

Mixer Room

Notice : Sizes are average and can vary depending on requests and requirements.



important

Mixer and oil melting are essential. Wastage breaker is optional but we suggest for better efficiency.

Please consider those dimension are not final and may vary depend on the request.