



# MG 6.1

## BETON BLOCK MAKING MACHINE

TEKNİK ŞARTNAME



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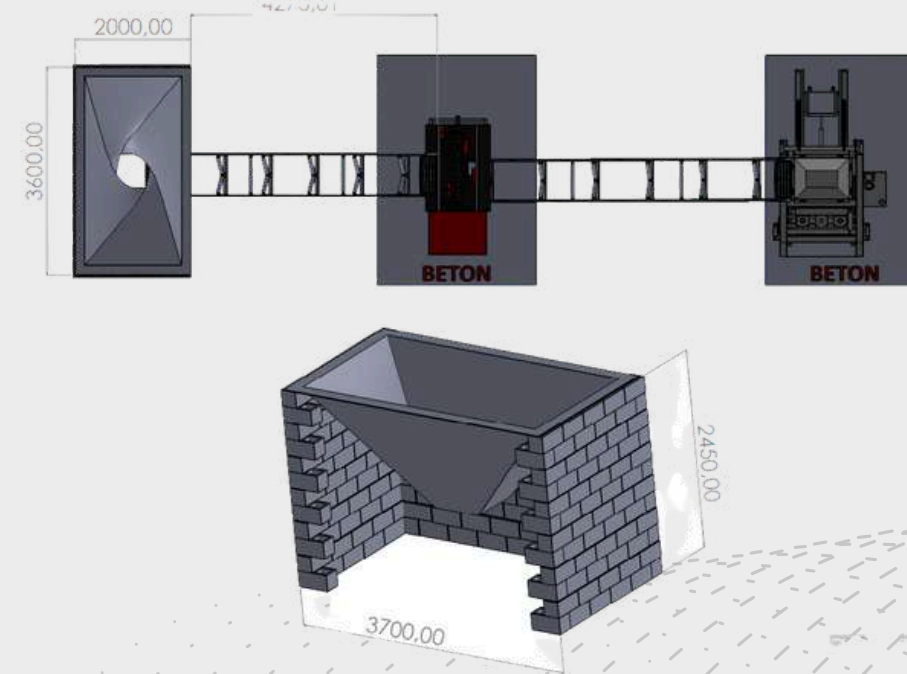
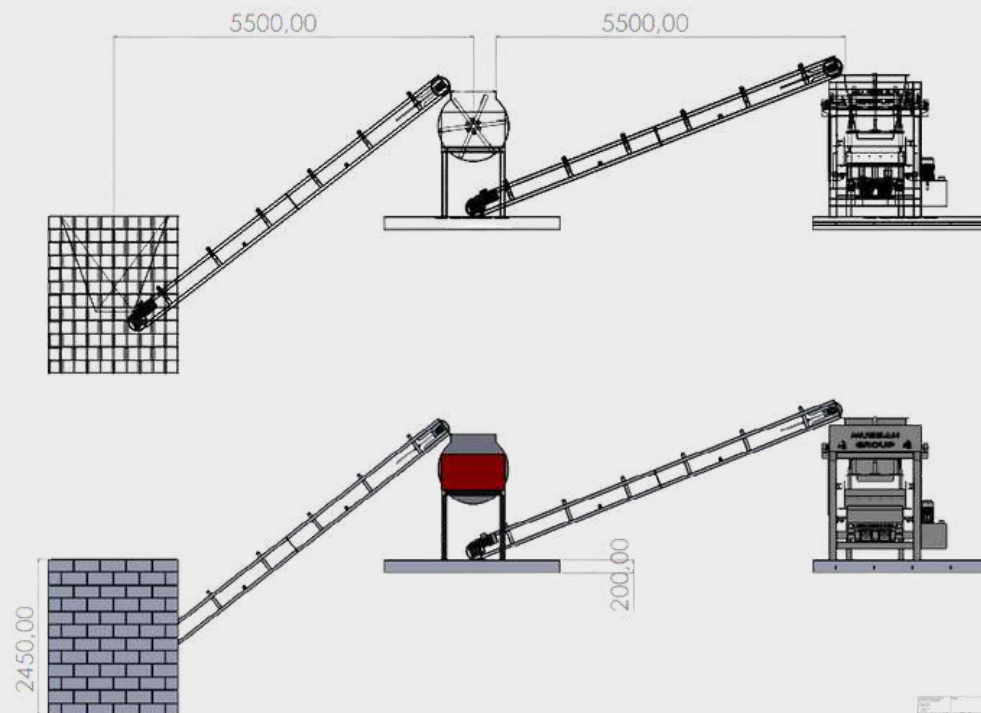
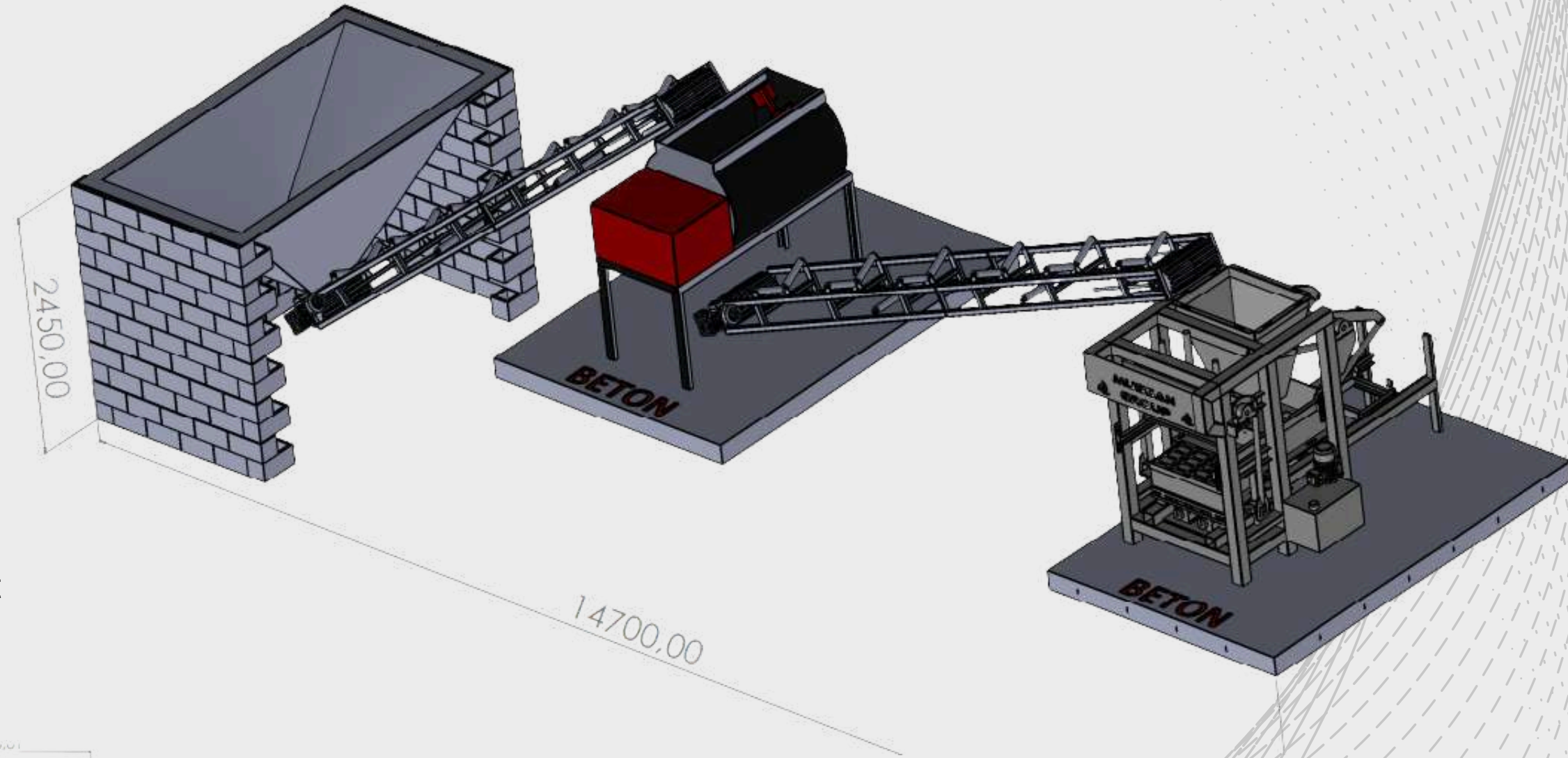
# GENERAL DEFINATION

This specification contains information regarding the supply and installation, by us to you, of a fully equipped production line for blocks in the sizes ; 10x40x20 cm - 15x40x20 cm and 20x40x20 cm, as well as single-color interlocking pavers.

For the stable operation of the facility, it is important that all equipment used in the plant is of the Mussan brand and that the installation work is carried out by our company's personnel.

The delivery time of our facility is within 45 days after the first payment.

No additional fee will be charged for the installation.







700 KG  
AGREGA

100 KG  
CEMENT

20 LITER  
WATER



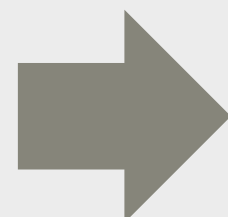
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1m<sup>3</sup> MORTAR



20x40x20  
100 - 120 Piecet

## MORTAR FORMULE

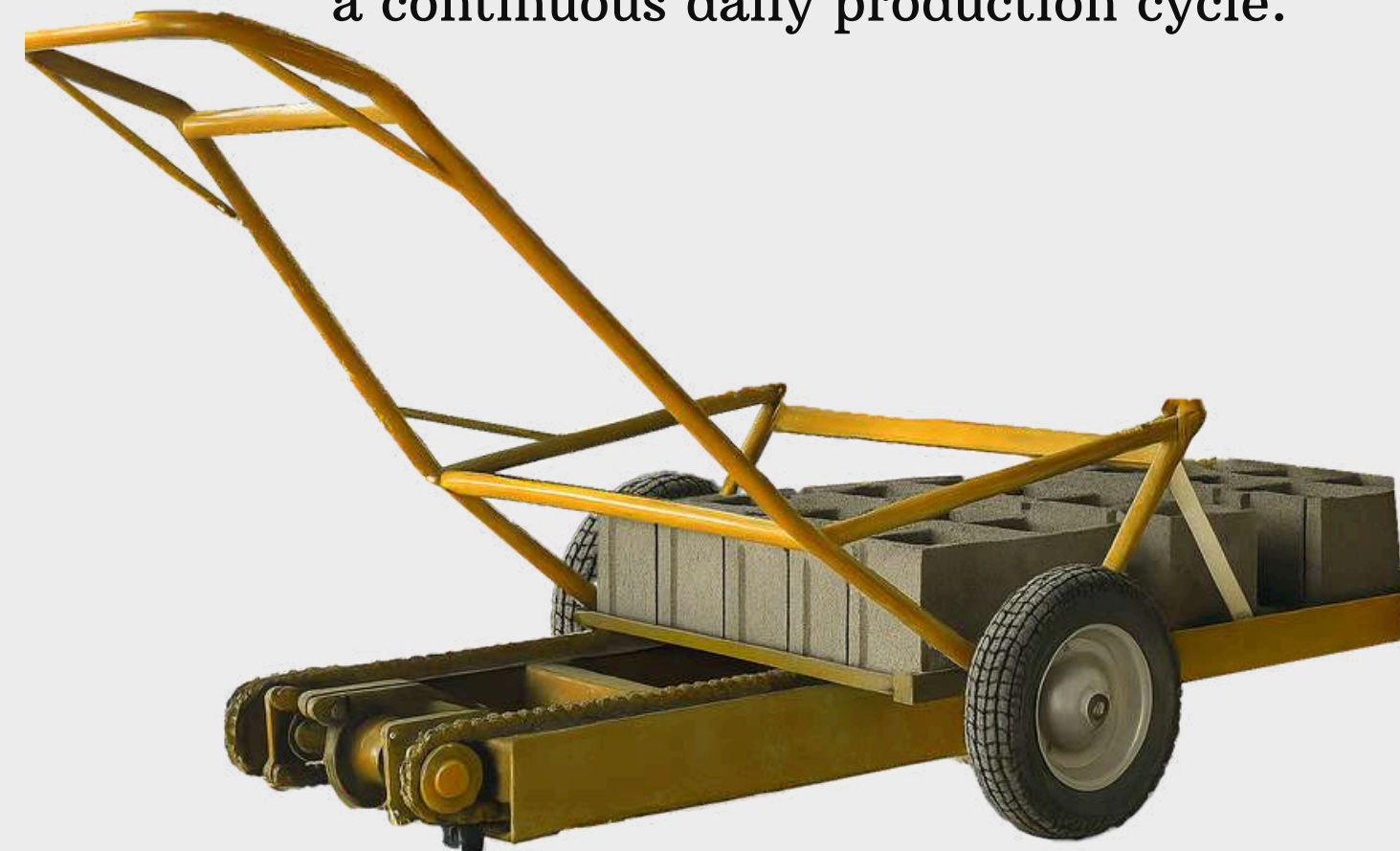
The mixture shown is prepared in the mixer to produce 1 m<sup>3</sup> of mortar and is then transferred to the machine with the help of a conveyor belt.





## Collection and Drying

The products produced by the machine become ready for stacking after being kept on the production pallet for 24 hours. After 1 day, the same production pallet can be placed back into the machine and reused. The stacked blocks should be left to rest for about 4 days before being used in construction and must be watered daily. 1,000 production pallets provide you with a continuous daily production cycle.





## Pallet Types

**Metal pallet:** Suitable ONLY for MG 4.1 – MG 4.2 – MG 6.1 – MG 6.2 models.  
It has a longer lifespan compared to wooden and plastic pallets.



Affordable Price & More Durable time

**Wooden pallet:** It is the commonly used pallet material. Its edges can be reinforced with a steel frame.  
Compared to metal pallets, it generates less noise during production.



More Silent & Natural

**Plastic (Composite) pallet:** Used as an alternative to wooden pallets; it is lighter and more durable compared to wooden pallets.



More Lighter & More Durable time



# PRODUCTION LINE COMPONENTS



## MG 6.1 CONCRETE BLOCK MAKING MACHINE

The main chassis is made from 120x120x5 mm profile. Approximate weight: 4500 kg.

## Electrical Panel and Control Unit

Contactor and fuses from Schneider and Siemens brands are used. 50 kW.

## Hydraulic Unit

Gamak brand 4 kW motor – Hydraulic Pump – 100 Litre Oil Tank

## Chain-Driven Front Discharge System

2-Metre Length – Pallet Placement Sensors – 1.5 kW Motor – 1/25 Gear Reducer

## 1m<sup>3</sup> Pan Mixer

A total of 800 kg, consisting of 700 kg aggregate and 100 kg cement.

## 16 m<sup>3</sup> Single-Bucket Aggregate Hopper

Separate bucket for paver raw material – separate bucket for block raw material, 8 m<sup>3</sup> × 2

## 2 Conveyor Belts

10-meter conveyor between hopper and mixer – 6-meter conveyor between mixer and machine

## Molds - Suitable for the Production of Pavers, Bricks, and Curbs

The mold of the model you choose is made from suitable material.

## Transport Trolleys 3x

With its special design, it allows carrying 2 pallets at once.

## Operator Control Chair

Thanks to its movable design, it provides full access to the front and rear of the machine without getting off the seat.





# HEAD MACHINE TECHNICAL DETAILS

Model :	MG 6.1 Single Bucket Standart
Type :	Operator Controlled - Manuel Output
Raw Material Feed :	0.75m <sup>3</sup> Mortar Mixer (offered)
Weight :	4000 kg
Hydraulic Press :	180 bars
Vibration Engine Power :	15 kw ( 2x 7.5 kW)
Hydro Engine Power :	4 kW
Mixer and Belts EGINE Power :	18 kW
Totally Engine Power :	33 kW
Cycle Time :	25 Second
Pallet Size :	130 x 55 x 4cm



# MORTAR MIXER TECHNICAL DETAILS

Model	: MGMP1 PAN MİKSER
Control System	: Operatör Controlled Semi Auto
VOLUME	: 1m <sup>3</sup> - 800 KG
Weight	: 1700 kg
Engine Power	: 15kW x 3000 s/m
Reductor	: Dişsan 1/50
Inner Plate	: ST52 - 12 mm
Outer Plate	: ST52 - 15mm

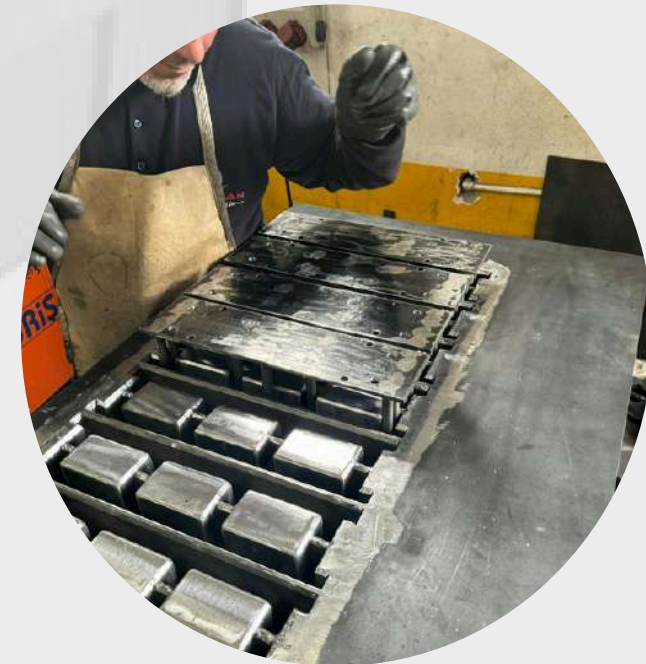




# MOULDS

The mold models will be selected by the buyer from our catalog after the sales contract for the mold models is signed.

The raw materials used in the molds may vary depending on the model and production capacity. The generally used materials are ST52 production steel and Hardox.







# KONVEYOR BANTLAR

Belt 1:

Width: 500 mm

Thickness: 10 mm

Length: 6 meters

Belt 2:

Width: 500 mm

Thickness: 10 mm

Length: 9 meters





# PRODUCT CAPACITY



20x40x20

6 Piece Per  
Press

in 8 Hours  
6000 Piece



15x40x20

7 Piece Per  
Press

in 8 Hours  
7000 Piece



10x40x20

8 Piece Per  
Press

in 8 Hours  
8000 Piece



1200x25x30

2 Piece Per  
Press

in 8 Hours  
2000 Piece



Standard

12 Piece Per  
Press

in 8 hours  
12000 Piece





# FIYATLANDIRMA

Equipment Name	Piece	Piece Cost	TOTAL COST
MG 4.1 HEAD MACHINE	1	28.500 USD	28.500 USD
Electric Pannel	1	Free	Free
Hydraulic Unit	1	Free	Free
Chain Outter Bench	1	Free	Free
1m <sup>3</sup> Pan Mikser	1	10.000 USD	10.000 USD
Conveyor belts	2	2000 USD	4.000 USD
16m <sup>3</sup> 2 Bucket Bunker	1	5000 USD	5.000 USD
Moulds	3	2500 USD	7500 USD
Transport Trolleys	3	Free	Free
Operator Control Chair	1	Free	Free
Product Pallets	10	Free	Free
Installation & Maintance	2 Years Guarantee	Free	Free

TOTALLY PRICE: 55.000 USD



# THANK YOU FOR YOUR INTEREST



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