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# MACHINE IS OUR JOB



CONCRETE BLOCK, INTERLOCK,  
INSULATED BLOCKS, CURBSTONE AND  
SPECIAL BLOCK MACHINES  
AND FACTORY MANUFACTURING.

***cobmac***<sup>®</sup>  
concrete block machine company

**YOUR  
GLOBAL PARTNER  
on CONSTRUCTION  
MACHINE**

**cobmac®**  
concrete block machine company



- Turkey
- Kuwait
- Iraq
- UAE
- Egypt
- Oman
- Libya
- Yemen
- Saudi Arabia
- Qatar
- Algeria
- Morocco
- Senegal
- R.D. Congo
- Tanzania
- Zambia
- Etiopia
- South Sudan
- Canada
- Dominic Republic
- Afghanistan
- Djibouti

**HIGH QUALITY and  
LATEST TECHNOLOGY**



COB1842

FULLY AUTOMATED BLOCK and INTERLOCK FACTORY

2500-3000 Blocks / Per Hour  
160-200 Sqm. Interlock / Per Hour

This machine was designed for fully automated factory. It can works with finger, elevator and curing chamber. It has 16-20 second cycle time. Manufacturing palet can be used steel or wooden. Steel palet thickness is 14-15 mm, wooden palet thicknes s is 5 cm.



TECHNICAL SPECIFICATIONS	COB 1842
Operation	Automatic
Machine Size (WxHxL)	2,5x4,5x8,2m
Machine Weight	20 tons
Pallet Size	140x130x5 cm
Machine Cycle Time	Min. 16 second, Max. 20 second
Vibrations Bottom Upper Mould	4x7,5 kw x 3.000 rpm (120 KN) 2x3 kw x 3.000 rpm (36 KN)
Required Batching EQ	2 CBM Mixer + 0,5 CBM Color Mixer
Capacity	2.500-3.000 Blocks/per hour, 175 sqm per hour
Products Height	Min 5 cm - Max. 40 cm
Productions Are	130x130 cm
Capacity Per Press	18 Blocks for 20x40x20 cm, 42 pcs Interlocks, 90 pcs Solid Bricks 6x12x25 cm



18 pieces per drop 20x40x20 cm blocks



Power Unit

COB1236

FULL AUTOMATIC BLOCK and INTERLOCK FACTORY

1800-2000 Blocks / Per Hour  
140-160 Sqm. Interlock / Per Hour

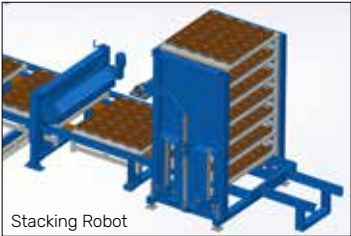
This machine was designed for full automatic factory. It can works with finger, elevator and curing chambers or with stacking robot and forklift transport for fresh and dry product. It has 18-20 second cycle time. Manufacturing palet can be used steel or wooden. Stell thickness is 14-15 mm, wooden thickness is 5 cm.



TECHNICAL SPECIFICATIONS	COB 1236
Operation	Automatic
Machine Size (WxHxL)	2,5x4,5x8 m
Machine Weight	16 tons
Pallet Size	145x115x5 cm
Machine Cycle Time	Min. 18 second, Max. 20 second
Vibrations Bottom Upper Mould	4x5,5 kw x 3.000 rpm (96 KN) 2x5,5 kw x 3.000 rpm
Required Batching EQ	2 CBM Mixer + 0,35 CBM Color Mixer
Capacity	1800-2000 Blocks/per hour, 140-160 sqm per hour
Products Height	Min 5 cm - Max. 40 cm
Productions Are	130x110 cm
Capacity Per Press	12-15 Blocks for 20x40x20 cm, 36 pcs Interlocks, 72 pcs Solid Bricks, 6x12x25 cm



Control Board



Stacking Robot



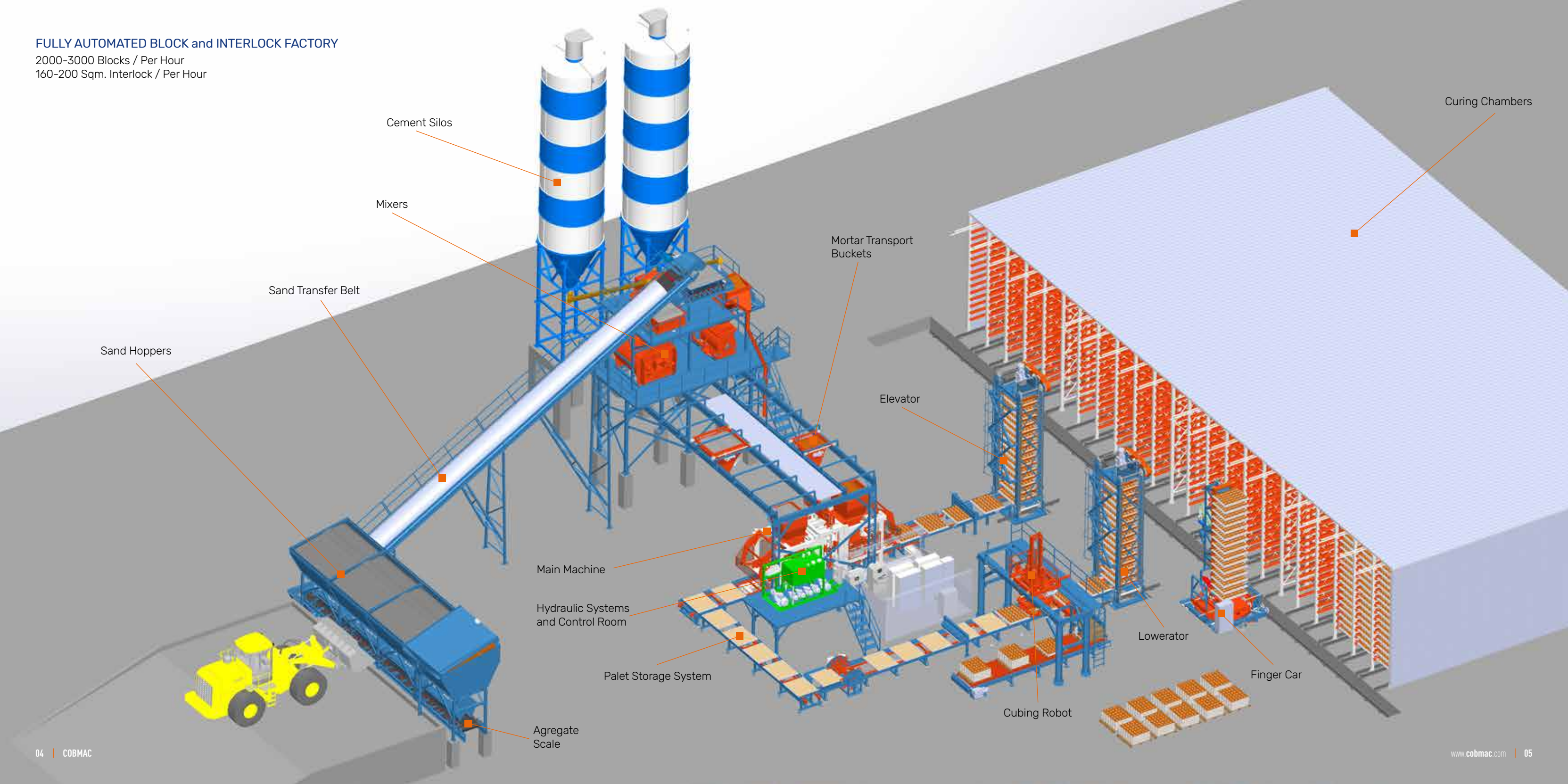
Power Board



Steel Palet 145x115x5 cm with legs



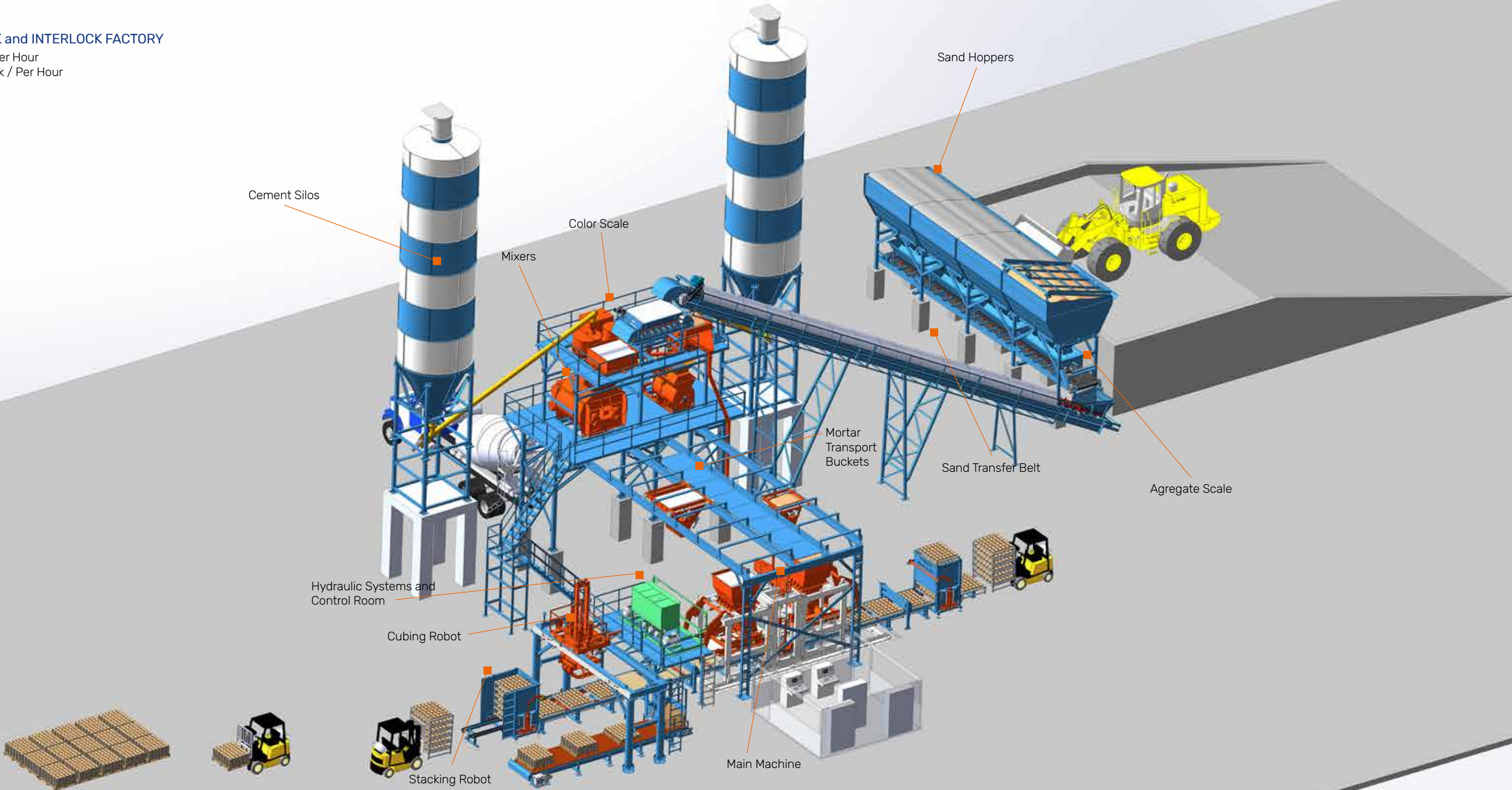
FULLY AUTOMATED BLOCK and INTERLOCK FACTORY  
2000-3000 Blocks / Per Hour  
160-200 Sqm. Interlock / Per Hour





AUTOMATED BLOCK and INTERLOCK FACTORY

2000-3000 Blocks / Per Hour  
160-200 Sqm. Interlock / Per Hour





ELEVATORS and LOWERATORS



CUBING ROBOT



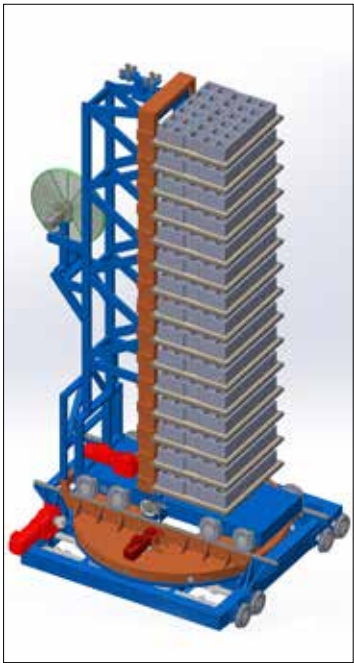
BATCHIN PLANTS



SAND SILOS and AGREGATE SCALE



FINGER CAR



CURING CHAMBERS



SAND BELT



MORTAR TRANSPORT SYSTEM



HYDRAULIC UNIT





COB1230 / COB1025

AUTOMATIC or SEMI-AUTO BLOCK and INTERLOCK FACTORY
1000-1200-1400 Blocks / Per Hour
80-100 Sqm. Interlock / Per Hour

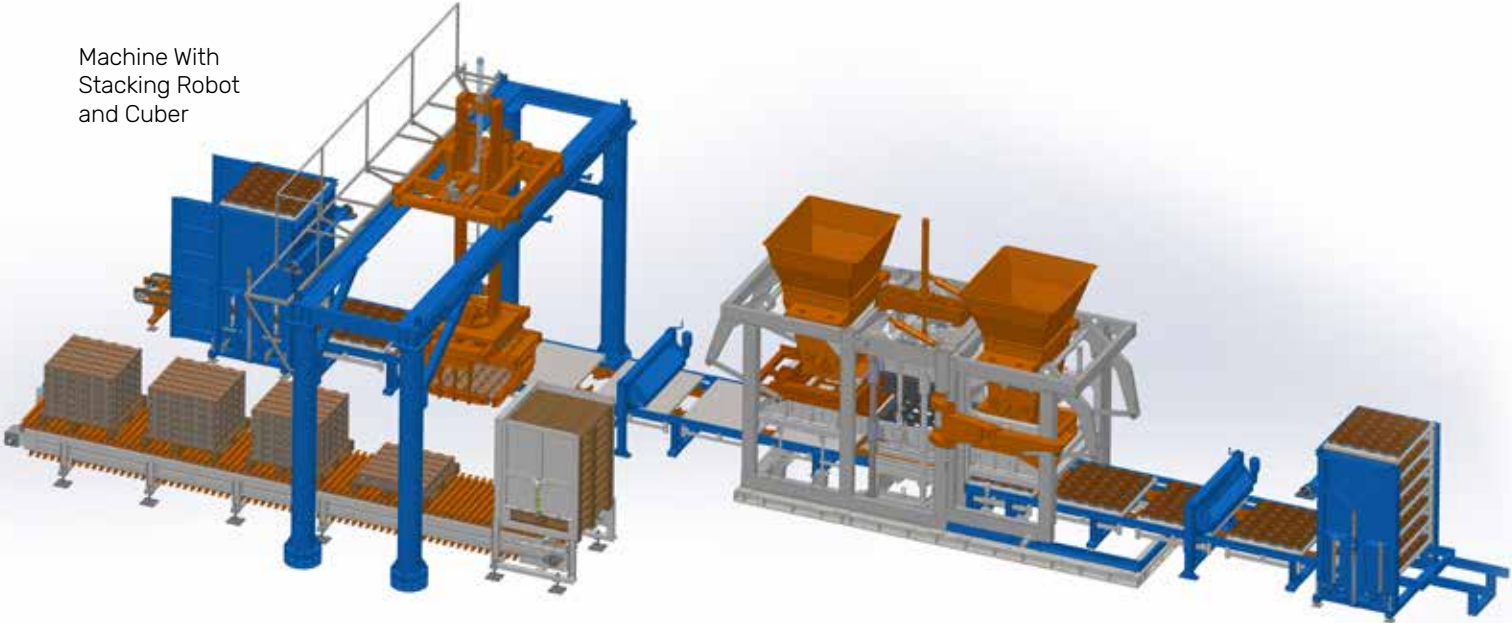


This machine is designed interlocks, blocks, insulated blocks, curbtones. It can produce 30 pcs interlocks, 12.5 pcs block for 20x40x20 cm, 3 or 5-6 curbtones in a press. Cycle time is 18 to 22 second. It is automatic and semi automatic. Machine can be use with stacking system or without stacking system. It has 6 vibrators, 4 pcs is under of the mould, 2 pcs is upper of the mould. Stacked pallet must be transport with forklift for machines with stacking system. Machine can be press on the wooden pallet. Wooden pallet is made by pine with covered steel. There are two type of mortar system. It is manual and automatic weighing system.

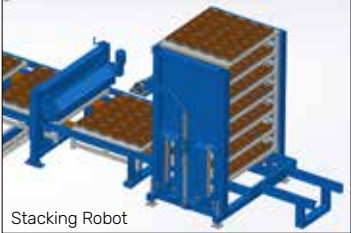
Machine With Stacking Robot



Machine With Stacking Robot and Cuber



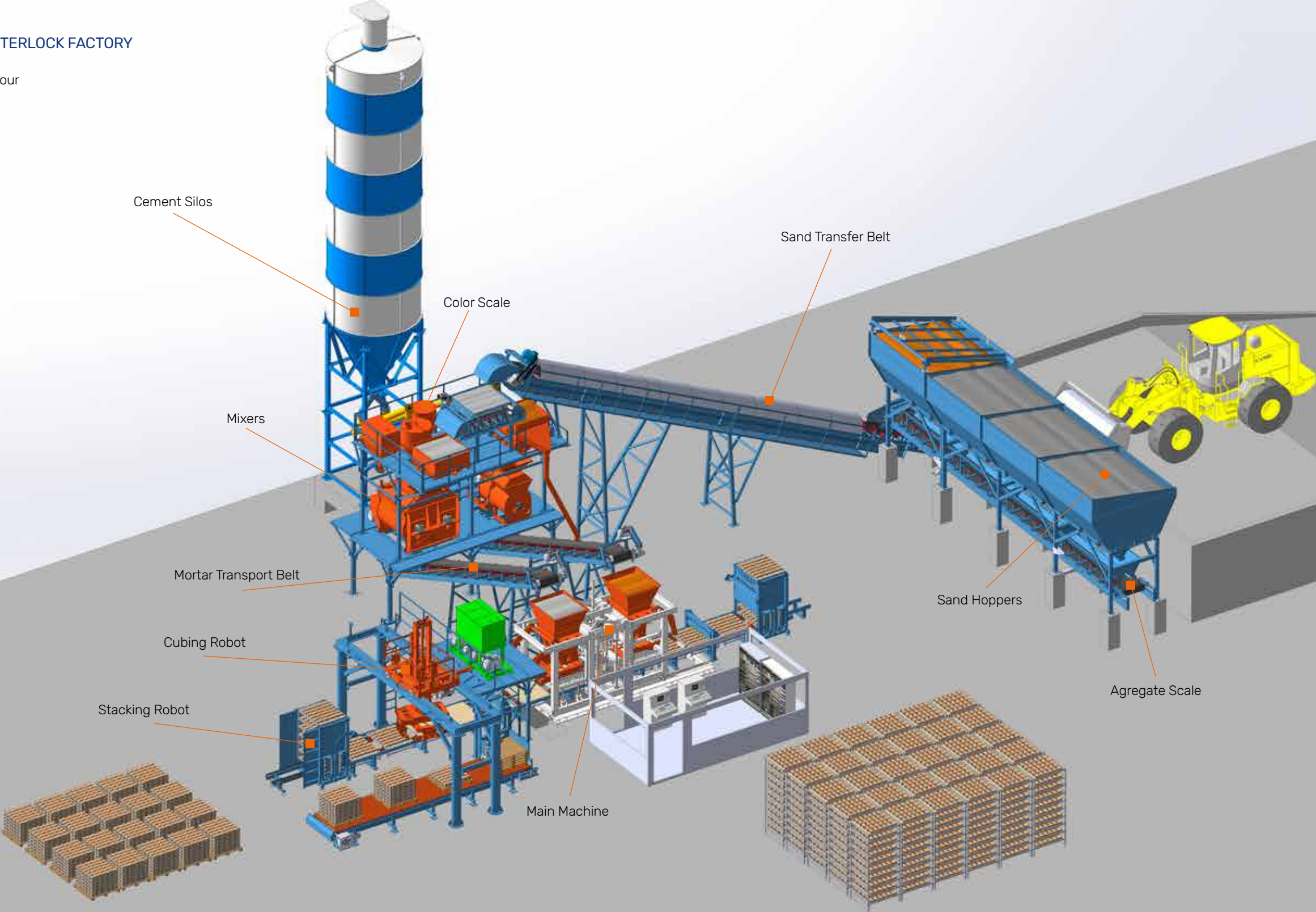
TECHNICAL SPECIFICATIONS	COB 1230/COB 1025
Operation	Automatic
Machine Size (WxHxL)	2,5x3,5x8 m
Machine Weight	10 tons
Pallet Size	120x110x4 cm
Machine Cycle Time	Min. 18 second, Max. 22 second
Vibrations	Bottom 4x5.5 kw x 3.000 rpm (64 kN) Upper Mould 2x3 kw x 3.000 rpm
Required Batching EQ	1 CBM Mixer + 0,35 CBM Color Mixer
Capacity	1000-1200 Blocks/per hour, 80-100 sqm per hour
Products Height	Min 5 cm - Max. 30 cm
Productions Are	110x110 cm
Capacity Per Press	10-12 Blocks for 20x40x20 cm, 25-30 pcs Interlocks, 64 pcs Solid Bricks, 6x12x25 cm





AUTOMATIC BLOCK and INTERLOCK FACTORY

1000-1200 Blocks / Per Hour  
80-100 Sqm. Interlock / Per Hour





## COB518

### AUTOMATIC AND SEMI AUTOMATIC BLOCK FACTORY

500-600 Blocks / Per Hour  
50 Sqm. Interlock / Per Hour

This machine is designed interlocks, blocks, insulated blocks, curbtone. It can produce 18 pcs interlocks, 5 pcs block for 20x40x20 cm, 2 or 3 curbtone in a press. A press time is 25 to 35 second. It has two working system. It is automatic and semi automatic. Machine can be use with stacking system or without stacking system.



## COB412

### AUTOMATIC AND SEMI AUTOMATIC BLOCK FACTORY

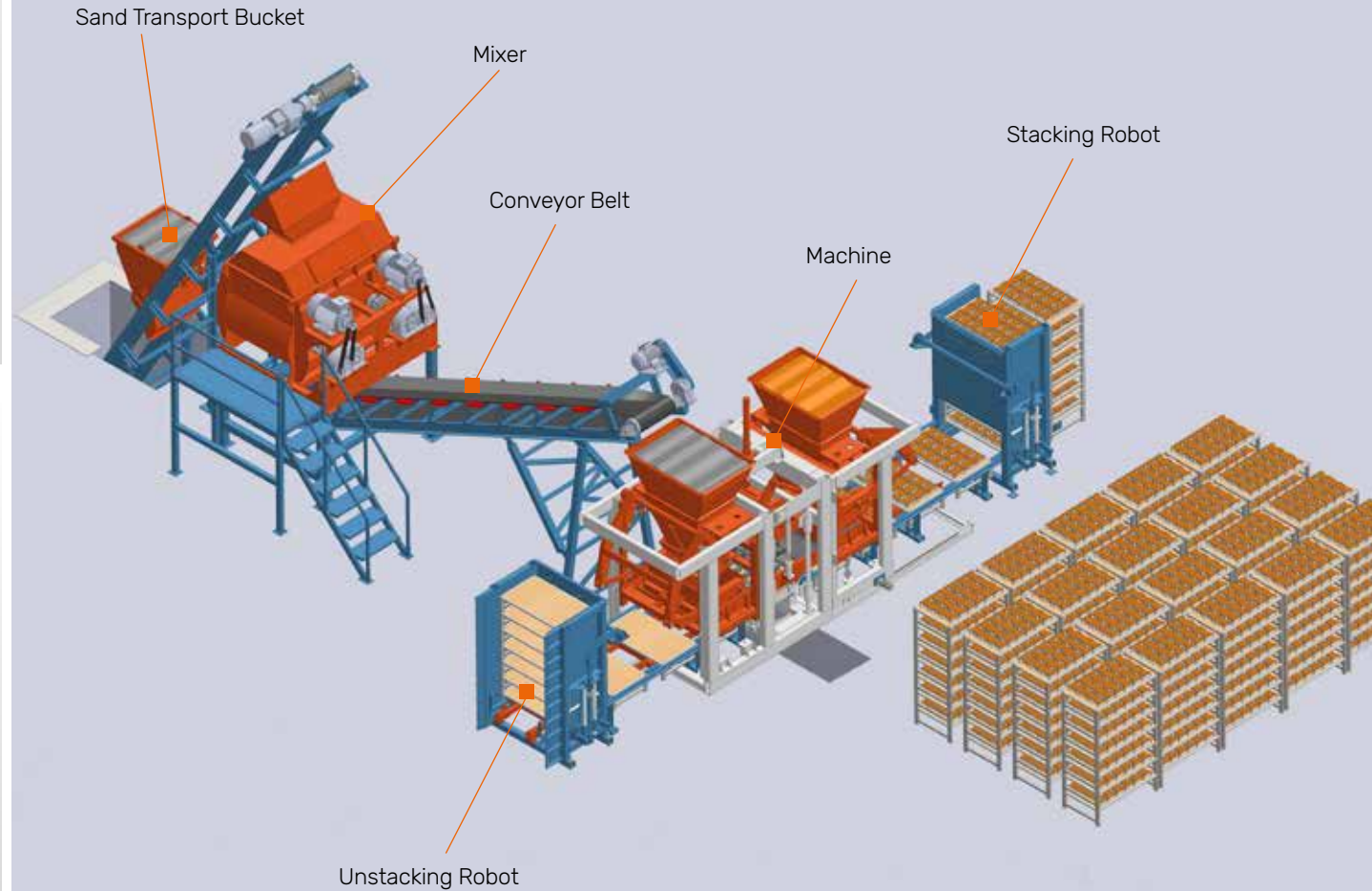
400-500 Blocks / Per Hour  
40 Sqm. Interlock / Per Hour

This machine is designed interlocks, blocks, insulated blocks, curbtone. It can produce 12 pcs interlocks, 4 pcs block for 20x40x20 cm, 2 or 3 curbtone in a press. A press time is 25 to 35 second. It has two working system. It is automatic and semi automatic. Machine can be use with stacking system or without stacking system.



### SEMI BLOCK and INTERLOCK FACTORY

300-400-500 Blocks / Per Hour



## COB39

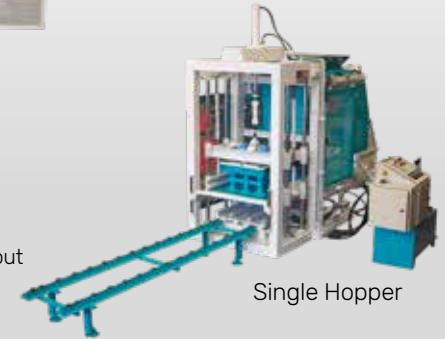
### SEMI AUTOMATIC INTERLOCK and MAKING MACHINE

300-350 Blocks / Per Hour  
30 Sqm. Interlock / Per Hour

This machine designed for manual machine user and only block manufacturer. Machine can be double hopper for interlock and curbstone manufacturing.



System : Semi automatic manual operation or PLC operation  
Mould : 9 pcs Interlocks, 3 pcs Blocks for 20X40X20 With Stacking System or Without  
Vibrators : Bottom: 2 x 4KW x 3000RPM  
Upper : 2X0.37 KW 450 KGS / RPM



## COB26

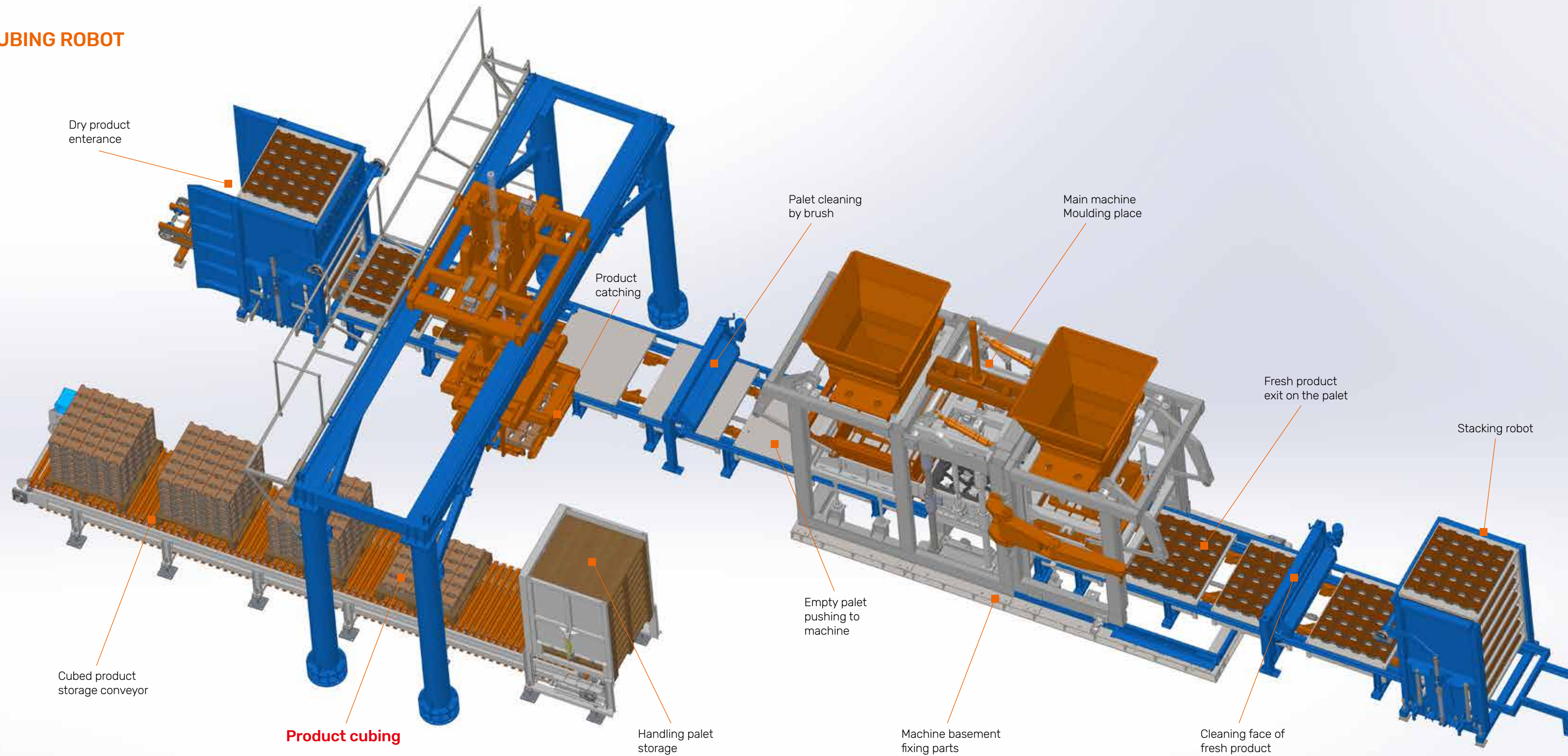
### BLOCK and INTERLOCK MACHINE

100-150 Blocks / Per Hour  
15 Sqm. Interlock / Per Hour

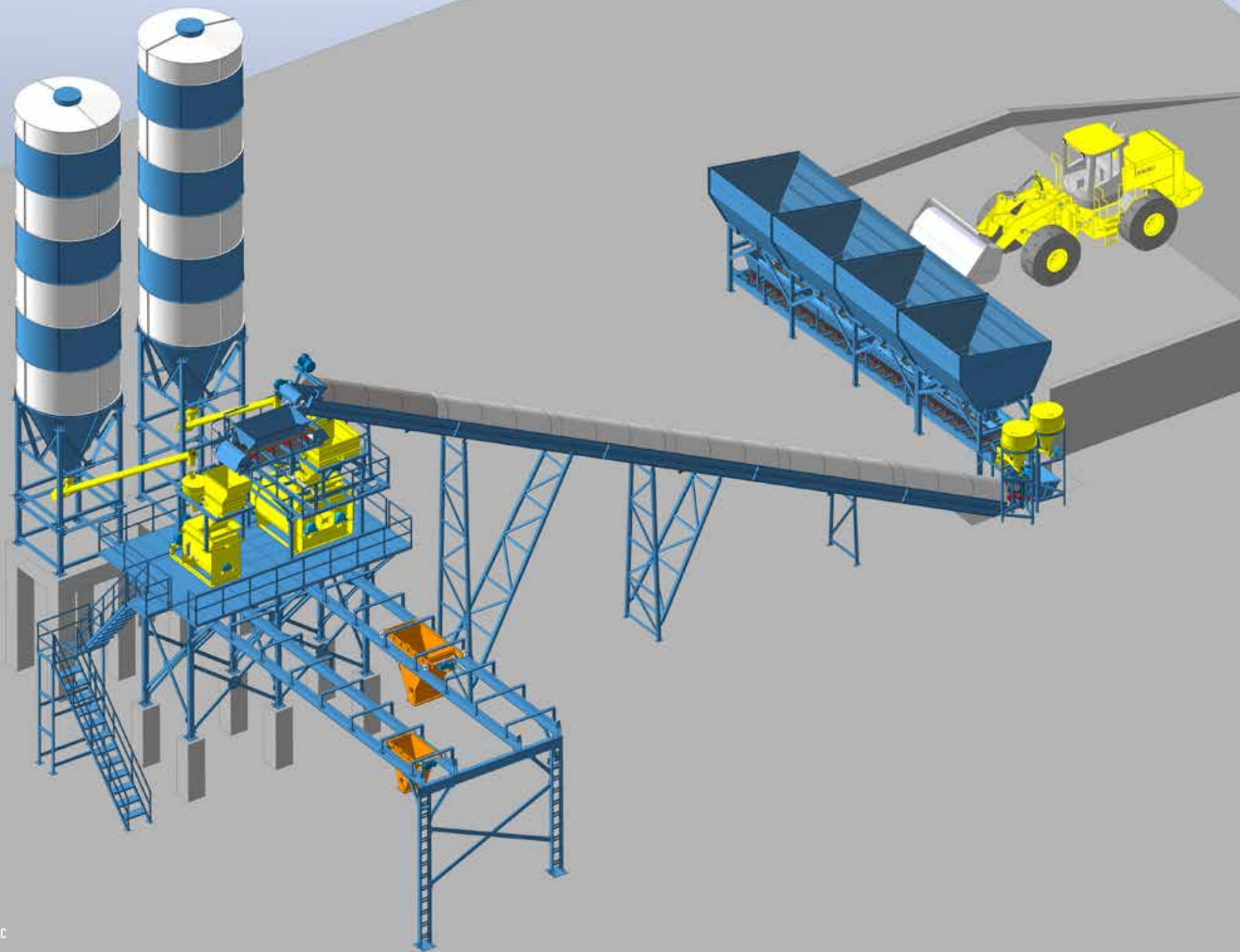
- This small block macking machine
- It can work on the wooden pallet
- All moving by hydraulic
- There is one set vibrations
- Machine has one hopper, you can not produce double layer interlock. Only one layer interlock
- Vibration motor power 3 kw and 3.000 rpm and 0.37 kw x3000 rpm
- Hydraulic motor and pump 3 kw and 11 cc. Motor Gamak brand name in Turkey
- You can produce height is between 6 to 20 cm block and interlock
- Required two labours
- Apprx. 500 cycle in 8 hours
- It can produce 2 blocks 20x40x20 cm or 6 interlock in one cycle
- Box is 1.5x1.5x2m weight:1.550 kgs
- Electrical pannel included, ready for start
- Total electric power 4 kw/h, 15 or 20 kw generator in enough











### COBMIX 2000

#### TWIN SHAFT MIXER

- Mixing capacity: 2 m<sup>3</sup>
- Motor power 2x37 kw
- Gearbox. Brevini/Rossi type
- Main body 10 mm
- Inside corroded body 15 mm Hardox steel.
- Hydraulic cover opening.
- Cement weighing and water scaling.
- Cement weighing silo capacity is 500 kg.



### COBMIX 1000

#### TWIN SHAFT MORTAR MIXER

- Mixing capacity: 1 m<sup>3</sup>
- Motor power 2x22 kw
- Gearbox. Helix type output: 26.500 N
- Main body 10 mm
- Inside corroded body 15 mm st52 steel.
- Pneumatic cover opening.
- Cement weighing and water scaling.
- Requirement air compresor is min 600 Lt.
- Cement weighing silo capacity is 400 kg.



### COBMIX 750

#### TWIN SHAFT MORTAR MIXER

- Mixing capacity: 750 dm<sup>3</sup>
- Motor power 2x22 kw
- Gearbox. Helix type output: 19.000 N
- Main body 8 mm
- Inside corroded body 15 mm st52 steel.
- Pneumatic cover opening.
- Cement weighing and water scaling.
- Requirement air compresor is min 200 Lt.
- Cement weighing silo capacity is 400 kg.



### COBMIX 350

#### MORTAR MIXER

- Mixing capacity 350 dm<sup>3</sup> per cycle.
- Motor power is 1x18.5/22 kw.
- Gearbox output power 19.000 N.
- Single shaft. and 6 pcs mixing handle.
- Inside body is 15 mm st52 steel
- Required conveyor belt is 8 m 60 cm for manual feeding.
- Required conveyor belt is 10 m 60 cm with weighing system feeding.





COBATCH 120 CONCRETE BATCHING PLANT

- 60 CBM BATCHIN PLANT
- 90 CBM BATCHIN PLANT
- 120 CBM BATCHIN PLANT
- 150 CBM BATCHIN PLANT
- 180 CBM BATCHIN PLANT



COBMIX 2000

TWIN SHAFT MIXER

- Mixing capacity: 2 m³
- Motor power 2x37 kw
- Gearbox. Brevini/Rossi type
- Main body 10 mm
- Inside corroded body 15 mm Hardox steel.
- Hydraulic cover opening.
- Cement weighing and water scaling.
- Cement weighing silo capacity is 500 kg.



CONCRETE BATCHING PLANT  
TECHNICAL SPECIFICATION

CAPACITY OF BATCHING PLANT	
Concrete Capacity Per Hour (m³/h)	120

MIXER SPECIFICATION	
Mixer Mixing Capacity (m³/h)	2 m³
Motor Power (Kw)	2x37
Mixer Type	Twin Shaft

AGREGATE HOPPER	
Bin Quantity	3-Nis
Bin Capacity	20 m³
Total Capacity	60/80 m³

AGREGATE WEGHING BELT	
Weight (M)	1.000
Lenght (M)	11.200
Motor Power (Kw)	7.5

SAND TRANSPORT BELT	
Weight (M)	800
Lenght (M)	26.800
Motor Power (Kw)	18.5

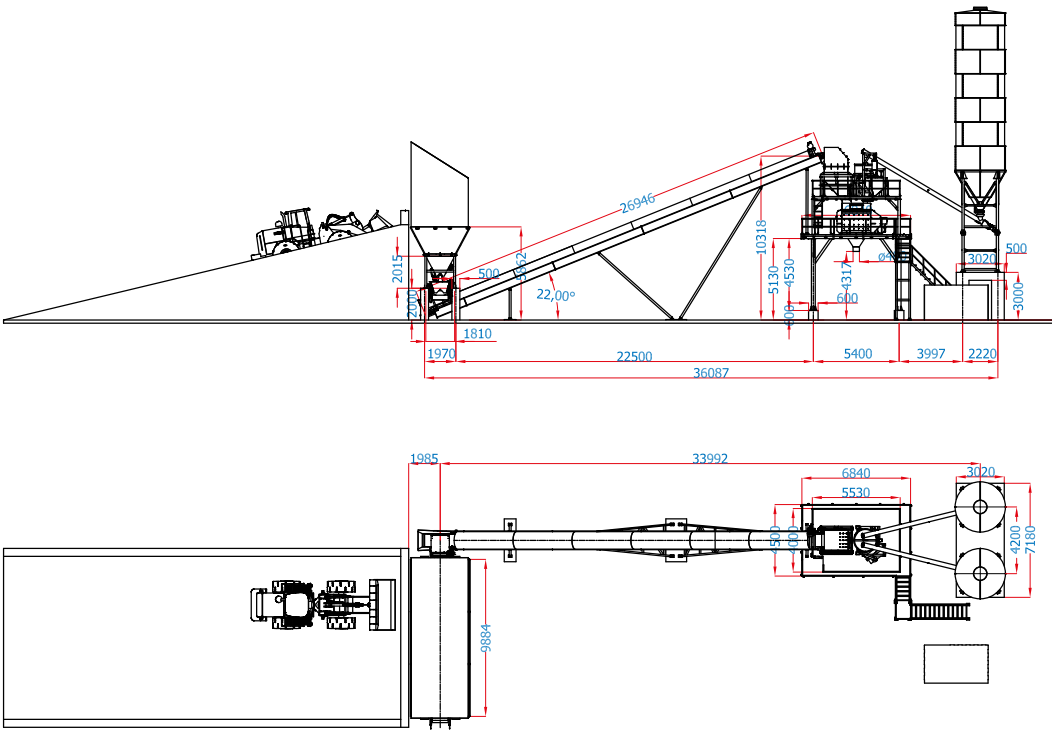
WEGHING CAPACITY	
Agreegate Weghing Capacity (Kg)	2.500
Cement Weghing Capacity (Kg)	2.000
Water Scale Capacity (Kg)	500
Additive Scale Capacity (Kg)	50

SCREW CONVEYOR	
Screw Diameter (mm)	273
Lenght (mm)	9.000
Motor Power (Kw)	11

CEMENT SILO	
Capacity (Ton)	100
Quantity	2

COMPRESSOR	
Capacity (Lt)	500
Working Pressure (Bar)	8
Motor Power (Kw)	5.5

WATER PUMP	
Capacity (m³/h)	2.4
Motor Power (Kw)	0.37





PRODUCTS

PAVERS



CBC-i-8



CBC-c-10



CBC-r-6



CBC-d-6

COB 1230 Capacity is 650 sqm/per/8 hour  
COB 412 Capacity is 250 sqm/per/8 hour



CBC-h-20



CBC-p-40x40



CBC-y-26x40



CBC-g-40x60

COB 39 Capacity is 200 sqm/per/8 hour  
COB 26 Capacity is 100 sqm/per/8 hour



CBC-z-8



CBC-e-8



CBC-oi-8



CBC-t-8

CURBSTONE



CBC-m-8



CBC-a-8



CBC-18x30x70



CBC-15x30x50

PRODUCTS

10x40x20 cm BLOCKS

2.000 / 5.000 / 12.000 / 17.000 / 30.000 pcs/8 hour



CBC-10s



CBC-s-10



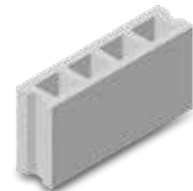
CBC-10-1-3a



CBC-10-1-3



CBC-10-2-9



CBC-10-1-4



CBC-10-4-1



CBC-10

15x40x20 cm BLOCKS

1.500 / 3.500 / 10.000 / 12.000 / 24.000 pcs/8 hour



CBC-15s



CBC-s-15



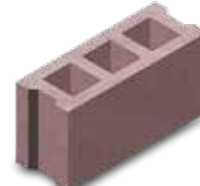
CBC-ins-15



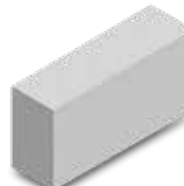
CBC-15-2-5



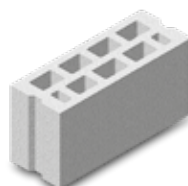
CBC-15-1-3a



CBC-15-1-3



CBC-12s



CBC-20



## PRODUCTS

### 20x40x20 cm BLOCKS

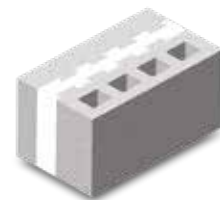
1.000 / 3.200 / 8.000 / 10.000 / 20.000 pcs/8 hour



CBC-20s



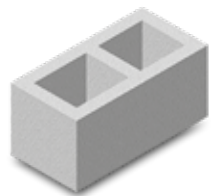
CBC-s-20



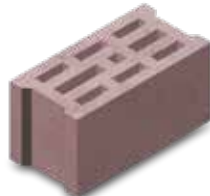
CBC-ins-20



CBC-20-1-3



CBC-20-1-2



CBC-20-3-9



CBC-20-1-3a



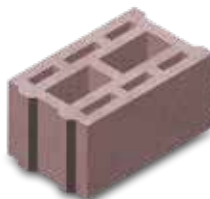
CBC-20-2-3

### 25x40x20 cm BLOCKS

800 / 2.800 / 6.000 / 8.000 / 16.000 pcs/8 hour



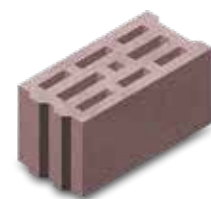
CBC-25s



CBC-25-3-8g



CBC-25-3-8



CBC-20-3-9g

### HOURLIES

### HOURLY



CBC-20-a



CBC-25-a



h18



h24

PROFESSIONAL TEAM  
HIGH EFFICIENCY  
LATEST TECHNOLOGY  
EQUIPMENTS



CONCRETE BLOCK,  
INTERLOCK,  
INSULATED BLOCKS,  
CURBSTONE AND  
SPECIAL BLOCK MACHINES  
AND FACTORY MANUFACTURING.



**BİRTANE MAKİNA**  
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