

Dear ;
First of all, we would like to thank you for your interest in our products and we are pleased to present you the technical details about the block making machine, which produces 4 pieces of 20 cm blocks in 1 press. Regards,
MUSSAN MACHINERY







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YBM4 HYDRAULIC SEMI-AUTOMATIC BLOCK MACHINE

Hydraulic Semi-Automatic Mobile Block Machine: It is a machine with hydraulic and mobile working system. You can practically produce all kinds of single-layer blocks, pumice, plug-in pumice by changing the mould easily. It is designed on a 24-hour basis. The raw materials required for the stone to be produced are water, cement, sand, pumice, gravel, stone dust, etc. These raw materials can be added or removed according to the desired product. Concrete and a flat surface are needed for quality printing.

Shipment - Installation – Staff and Training: Machine, 1 bunker, belt, mixer, mortar carriage and 1 mould. Total production time is 30 days on average. The shipment volume is 1 UNIT of 20 HQ containers. Seaway shipping fees vary from country to country, but average between \$1,500 and \$5,000. YBM4 is a practical machine that does not require installation. The number of staff required for production consists of at least 1 and at most 5 persons. Our company provides all the necessary information to the staff during the production phase online free of charge. For more detailed information, you can visit our website or contact your customer representative on +90 544 747 74 63.

Technical Support, Warranty and Spare Parts: Video technical support is provided in the foreign language requested by our company. In addition, in cases where video technical support is insufficient, field maintenance and repair support is provided. Machinery and Equipment have a 2 (two) year warranty. All kinds of spare parts are available in stock. For more detailed information, you can visit our website or contact your customer representative on +90 544 747 74 63.

MACHINE	MIXER	CONVEYOR BELT	BUNKER	MOULD	MORTAR TROLLEY
					

CAPACITY INFORMATION			
PRODUCT TYPE	PIECES PER 1 PRESSING	8 HOUR CAPACITY	24 HOUR CAPACITY
Block 200 X 400 X 200	4 Piece	2.000 Piece	6.000 Piece
Block 150 X 400 X 200	6 Piece	3.000 Piece	9.000 Piece
Block 100 X 400 X 200	8 Piece	4.000 Piece	12.000 Piece

YBM4 MOBILE BLOCK MACHINE: The operator controls all movements of the machine with semi-automatic hydraulic arms. It is practical and functional with its ease of use. It produces all kinds of concrete elements such as blocks and curbstones in series by changing the mould. 1 pallet printing time is 27 seconds. It is produced from high-strength ST 52, 4 mm or 6 mm thick (optional) steel profile. With its strong body structure, it is heavier, long-lasting and durable. The main chassis can be opened from one side. Mortar trolley bottom plate sheets: ST 52 A1 Quality, mortar trolleys ST 52 A1 Quality, trolley balance arm rolling bearings are produced as SKF or FAG steel. All wheels on the machine are produced as CK-45 VE 4140 with high carbon content. Hydraulic unit blocks Surface hardening and precision carburizing were done by induction. High cycle and heat resistant bearings are used inside the vibrators. The hydraulic pump is Hema cast body. Hydraulic hoses are Italian production. After the hydraulic system is tested, it is mounted to the machine. The hydraulic pistons used in our machine are processed in CNC LASER (computer numerical control) machines. In this way, it is heavy-duty, long-lasting and durable. Column shafts are bedded with 2 chrome shafts of 80 mm diameter. All vibrations give minimum vibration to the machine body with its special damping system..

TECHNICAL SPECIFICATIONS			
Mortar bucket number and capacity	Single Bucket / 0,5 m³	control system	Operator Controlled
Production capacity	100-120 Pallet / hour	Number of engines	3 – 2,2 KW
Machine weight	2.100 Kg	Engine brands	GAMAK / ISO, CE, EAC, TSE CERTIFIED
Vibration power	2,2 Kw x 2 Piece	pump flow	3,9 lt / min
Vibration speed	3000 d/min	Hydraulic oil tank capacity	40 Lt
Product maximum height	30 cm	hydraulic pressure	150 Bar

MIXER: It provides maximum homogeneity by mixing the concrete mixture placed in it as soon as possible. ISO, CE, EAC, TSE QUALITY 1 piece of Turkish (Gamak Motor) 22 kw 500 rpm motor and 1 piece of Turkish-made Gearbox (Yilmaz Gearbox) are used in the mixer. Steel construction bodies and mixer paddles are NiHard 4 steel castings with high wear resistance. They are designed to provide the highest durability and service life. PAN type has bottom gearbox. It is in our production of ALGEBRA model and TWIN SHAFT mixing from the side. Wide maintenance covers provide easy maintenance with bolted replaceable armors. There are high-strength wear parts inside the mixer that can be replaced. Hardox or st 52 quality material is used in the arm end pallets - base and wearing surface sheets. The discharge system is optionally discharged with the pneumatic piston and joystick on the bottom cover. Optionally, the inside of the mixer can be covered with Hardox - SSAB (Sweden) brand high abrasion resistant replaceable armors. The discharge system can be preferred as manual, pneumatic (air-operated) and hydraulic systems. Optional equipment such as 2 or more discharge caps, manual sampling, washing inside the high-pressure mixer, etc. can be added.



Weight: 1000 kg, **Diameter:** 175 cm, **Height:** 140 cm



CONVEYOR BELT: It is the equipment that transfers the raw material from the mixer to the machine. The main frame is ISO 9001 quality 40 x 80 x 3mm profile and 5mm. It is made of sheet metal. It has a stock pan that prevents the loss of raw materials. Band rubber 4 ply 8 mm. The court is made of cloth and also the raw material stabilizer is produced as a knurled pattern. It is made to be resistant to all kinds of hard materials, flame and heat, and also resistant to physical wear. The moisture absorption rate of the tape is minimal. Its coating is in TS 547 standard. Its rolls are 3' (ø 60mm). Roll stations were used every 75 cm. It can be removed and adjusted manually.

ISO, CE, EAC, TSE QUALITY Turkish Made (Gamak Motor) 2.2kw motor and Turkish Made Gearbox (Yilmaz Gearbox) are used in the conveyor.

Weight: 100 kg, **Length:** 500 cm, **width:** 50 cm, **Thickness:** 30 cm

AGGREGATE BUNKER: It is the equipment that stocks the raw material (sand - gravel - stone dust etc.) and feeds the concrete mixing mixers. Aggregate bunkers with weighing belts help to choose the best quality product in product selection. It also reduces the cost. The body material is reinforced with twisted ST 52 A1 quality 5 mm sheet metal and 3 twisted support sheets and NPL profiles. The main chassis is ISO 9001 quality 3mm profile and 6mm. made of sheet metal.



MACHINE MOULD: We process the moulds drawn by using advanced technology on ST 42 / German technology steels in the norm of religion in CNC LASER computerized numerically controlled machines, without touching the hand, with zero error. After induction hardening processes and sensitive carburizing, we obtain anti-wear cobblestone (keystone), block stone, pumice stone, plug-in pumice stone, styrofoam block stone, curb stone, rain gutter, hollow block and chimney stone moulds.

Weight: 120 kg, **Height:** 35 cm, **Size:** 120 cm, **width:** 60 cm



MORTAR TROLLEY: It enables the mortar coming out of the mixer to be transported to the machine. It is designed for a person to carry the product in the easiest and most comfortable way. Large inches are preferred for fast movement, and pneumatic tires are preferred for comfortable movement on all kinds of surfaces. Its chassis is made of 34 pipe. The mortar bearing chamber is 4mm sheet metal.



MUSSAN GROUP MACHINERY Our company continues its commercial life in our modern facility in Trabzon in order to respond to all kinds of block - paver - pumice - concrete machines and mould demands. We are at your side with block-paver-bins and concrete batching plant sales and technical support at home and abroad. We are always ready with our experienced English, Arabic, French and Georgian sales representatives before and after sales.

NO	EXPLANATION	PIECE	PRICE (\$)	TOTAL PRICE (\$)
01	YBM4 Semi-Automatic Block Machine	1	11.092 \$	11.092 \$
02	YBM4 Semi-Automatic Block Machine Mould	2	1.580 \$	3.160 \$
03	0,5 m ³ Mixer	1	3.448 \$	3.448 \$
04	Conveyor belt (6.0mt * 0,50 mt * 10 mm)	1	2.241\$	2.241\$
05	Aggregate Bunker	1	4.311 \$	4.311 \$
06	Mortar Trolley	1	718 \$	718 \$
► Prices Exclude VAT.		Total	24.970 \$	

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MUSSAN GROUP
MAKİNA İTHALAT İHRACAT SANAYİ
VE TİCARET LİMİTED ŞİRKETİ
Yolgören Mahallesi Dede Korkut Cad.
No:55DB ARAKLI/TRABZON/TURKEY
ARAKLI V.D : 6241367086

STANDARD MOULDS THAT THE MACHINE CAN PRODUCE

