

Hydraulic and movable block and curbstone and Flower Box machine (KAD1000)



This system can produce different types of blocks with different kinds of materials including heavy and light weight materials. Also this system can produce different kinds of curbstones including canivo and gutters up to 30 centimeters height.

Production capacity is 3000 up to 4200 blocks and 1000 curbstone and 800 flower box in 8 hours.

I . Main Intruduction

The Hydraulic Block And Curbstone Machine KAD1000, a very solid system with high performance is designed and manufactured by Aradsan Machine This system is capable to produce block, curbstone, flower box. This system is also capable to produce different kinds of ceiling block , wall block , partition block by using sand , pumice, leca and different kinds of curbstone, canivo and gutters up to 30 centimeters height .It is notable that there is no limit for the height of produced curbstones.

This system is semi-automatic. The mould and matrix (shoulder) are moved by jacks. This machine consist of controlling part, eight set of curbstone mould , six set of block mould with one electro-vibration and two hydraulic vibration, which simultaneously carry out the vibrating and hydraulic press Maximum used surface in moulds is 12650 cm (20,30 H).



II . Technical parameters

Introduction Of Main Technical Parameters	
Overall dimension	130 * 220 * 160 cm
Demold Method	Hydraulic
Turning Method	Manual
Hydraulic system pressure	20-25 Mpa
Total Power	25 A
Total Mass	1700 kg
Molding cycle	10 - 15 s
Molding	6 Pcs /Mold (400*200*200)
Capacity	600-1000 Pcs/Hour
Types of bricks can be made	All kinds of molds can be made by customers drawing
Moving Method	Manual
Raw Material	Crushed Stone , Sand , Cement , leca , pumice ,fly ash

Different types of curbstone and block:

CurbStone
300x500x150 mm CurbStone
300x400x150 mm CurbStone
300x300x150 mm CurbStone
400x300x200 mm Canivo
300x500x180 mm Canivo
300x300x120 mm Gutter
300x400x150 mm Gutter
300x400x120 mm Gutter

Block
250x200x400 mm Ceiling Block
200x200x400 mm Ceiling Block
250x200x500 mm Ceiling Block
250x200x500 mm Wall Block
200x200x400 mm Wall Block
150x200x500 mm Partition Block
100x200x400 mm Partition Block
100x200x500 mm Partition Block

III. Capacity

Kad 1000	Size mm	Cycle molding	QTY/Mold	Per hour	Per day
Hollow brick	400*200*200	12-17 s	6	380 Pcs	3000 Pcs
	400*200*150	10-12 s	8	510 Pcs	4100 Pcs
	400*200*100	10-12 s	10	650 Pcs	5100 Pcs

IV. Raw Materials

Sand



Cement



Crash Stone



Pumice



Leca



Fly ash



THE SPECIFICATION OF PARTS USED IN KAD1000:

Vibration's generator: Vem (Germany)
Controlling system of hydraulic: Galtech (Italy)
Hydraulic hose: Flex (Germany or Italy)
Channel beam: European type

All sheets of mould are made from ST60 or ST52 and the parts exposed to the friction is manufactured with antifriction steel.

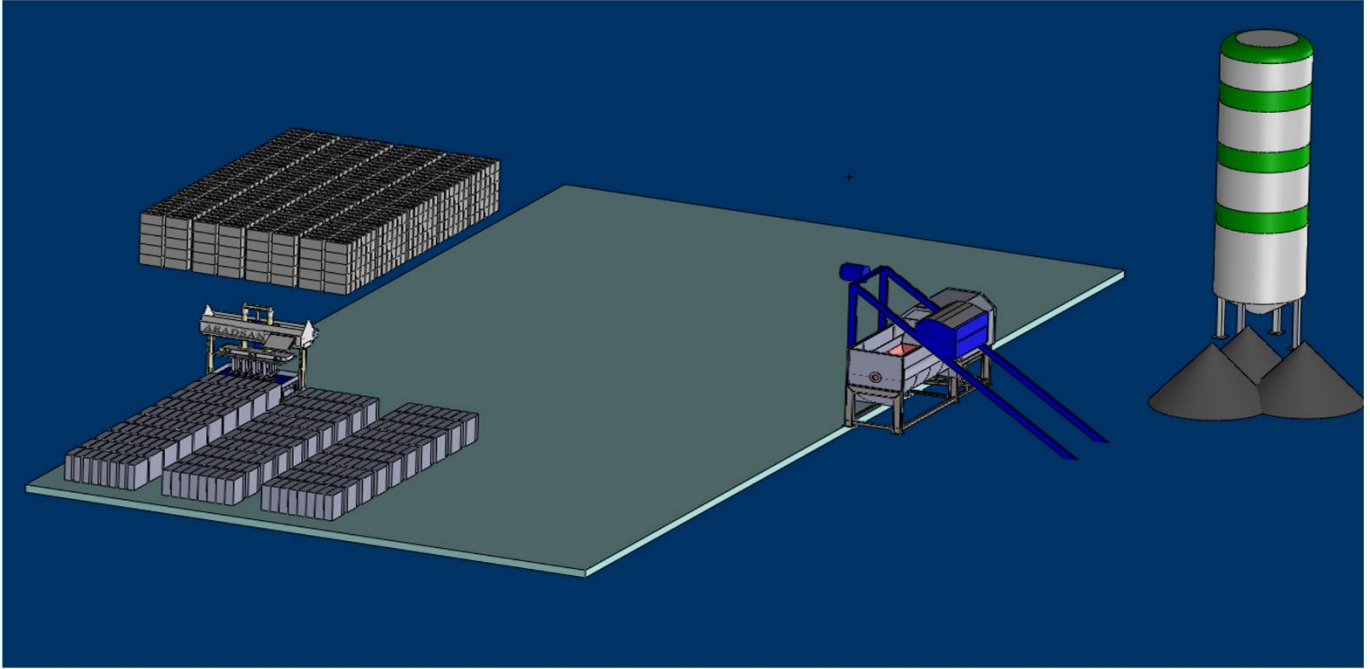
Jack's shaft: Hard chrome (Italy)
The jacks of the system: Boch or Bohler (Germany)
The locks and fastening parts of the system (Germany)
Equipped with hydraulic system (two levers for pressing and vacating)

Equipped with one set of electro-vibration and two set of rotational oily vibrator, each of which is powered by a generator with 2 HP (horse power).

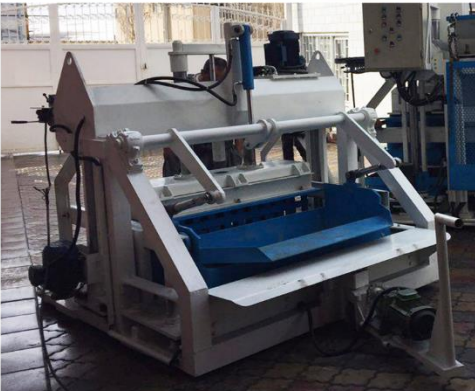
THE GENERATOR OF THE MACHINE KAD1000:

One 2 hp generator for moving
One 4 hp generator for hydraulic system
Two 2 hp generator for vibration system
One 2 hp electro-vibration

VI . Product Line



VII. Photo Show



VIII . Product

