

Hydraulic and movable block and curbstone and Flower Box machine (KAD1100)



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 3800 up to 4500 blocks and 1200 curbstones and 900 flower box in 8 hours.

I . Main Intruduction

The Hydraulic Curbstone And Block Machine KAD1100, 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 Hydraulic. The mould and matrix (shoulder) are moved by jacks.It consist of a loader which can do the action of feeding the moulds automatically. This machine is 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 mould is 126*50 cm (20, 30 H).

The difference between this system and previous model (KAD1000) is the automatic operation to feed the mould and high production capacity.



II . Technical parameters

Introduction Of Main Technical Parameters	
Overall dimension	170 * 170 * 170 cm
Demold Method	Hydraulic
Turning Method	Hydraulic
Hydraulic system pressure	20-25 Mpa
Total Power	25 A
Total Mass	2000 kg
Molding cycle	10 - 12 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	Automatically move and hydraulic steering
Raw Material	Crushed Stone , Sand , Cement , leca , pumice ,fly ash

CurbStone	Block
300x500x150 mm CurbStone	250x200x400 mm Ceiling Block
300x400x150 mm CurbStone	200x200x400 mm Ceiling Block
300x300x150 mm CurbStone	250x200x500 mm Ceiling Block
400x300x200 mm Canivo	250x200x500 mm Wall Block
300x500x180 mm Canivo	200x200x400 mm Wall Block
300x300x120 mm Gutter	150x200x500 mm Partition Block
300x400x150 mm Gutter	100x200x400 mm Partition Block
300x400x120 mm Gutter	100x200x500 mm Partition Block

III. Capacity

Kad 1100	Size mm	Cycle molding	QTY/Mold	Per hour	Per day
Hollow brick	400*200*200	12-17 s	6	600 Pcs	4500 Pcs
	400*200*150	10-12 s	8	760 Pcs	6100 Pcs
	400*200*100	10-12 s	10	950 Pcs	7600 Pcs

IV. Raw Materials

Sand



Cement



Crash Stone



Pumice



Leca



Fly ash



THE SPECIFICATION OF PARTS USED IN KAD1100:

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

All sheets of moulds 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)

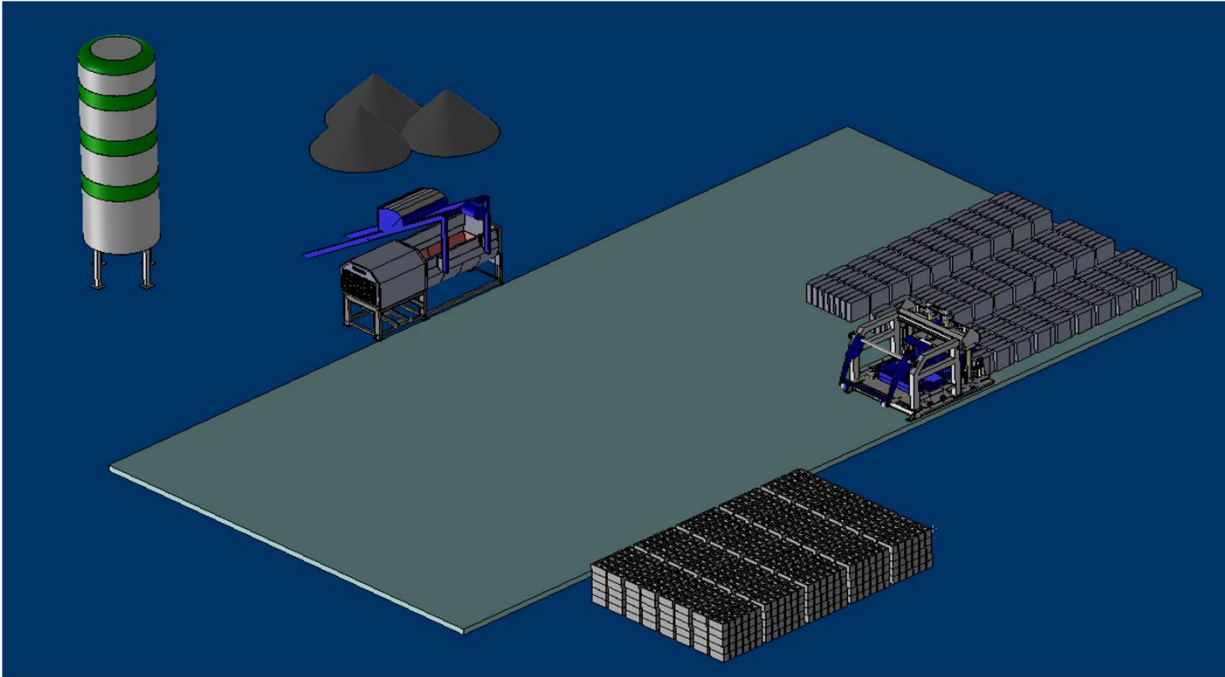
Equipped with one set of electro-vibration and two set of rotational oily vibrator, each of which is powered by a generator with 2 HP (horse power).

THE GENERATOR OF THE MACHINE KAD1100:

One 2 hp generator for moving
One 5.5 hp generator for hydraulic system
Two 2 hp generator for vibration system
One 2 hp electro-vibrator



VI . Product Line



VII. Photo Show



VIII. Products

