

Hydraulic and movable block and curbstone and Flower Box machine (KAD1400)



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 5500 up to 7000 blocks and 1700 up to 2500 curbstone and 1500 flower box in 8 hours.

I . Main Intruduction

The Automatic Curbstone & Block Machine KAD1400 , 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 50 centimeters height. It is notable that there is no limit for the height of produced curbstones.

This automatic system has loader and silo. The mould and matrix (shoulder) are moved by jacks. The purpose of the loader is self-loading and the action of feeding the moulds is done automatically. In silo section the concrete feeding action is not performed manually .In every feeding time, it can produce 133 blocks. All the process such as filling the mould, feeding action, and running around in the production band are done automatically. The role of human resources is very low and the system is able to do the production process just by one person to change the mould.

This movable 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 mould is 126*50 cm (20, 50 H).

The system KAD1400 has more features and capability than KAD1300, including:

Speed and high production capacity

The system 1400 has no limitation in the production concrete parts such as curbstone, block, flower box. In fact, it doesn't face any limitation on the length, height, width of the products.

II . Technical parameters

Introduction Of Main Technical Parameters	
Overall dimension	290*240*300 cm
Demold Method	Hydraulic
Turning Method	Hydraulic
Hydraulic system pressure	20-25 Mpa
Total Power	30 kw
Total Mass	6500 kg
Molding cycle	12-17 s
Molding	6 Pcs /Mold (400*200*200)
Capacity	900 -1400 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



III. Capacity

Kad 1400	Size mm	Cycle molding	QTY/Mold	Per hour	Per day
Hollow brick	400*200*200	12-17 s	6	875 Pcs	7000 Pcs
	400*200*150	10-15 s	8	1200 Pcs	9500 Pcs
	400*200*100	10-15 s	10	1500 Pcs	13000 Pcs
Curbstone	300*500*150	10-15 s	8	1200 Pcs	9500 Pcs

IV. Raw Materials

Sand



Cement



Crash Stone



Pumice



Leca



Fly ash



V. THE SPECIFICATION OF PARTS USED IN KAD1400:

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 anti-friction steel.

Jack's shaft: Hard chrome (Italy)

The jacks of the system: Boch or Bohler (Germany)

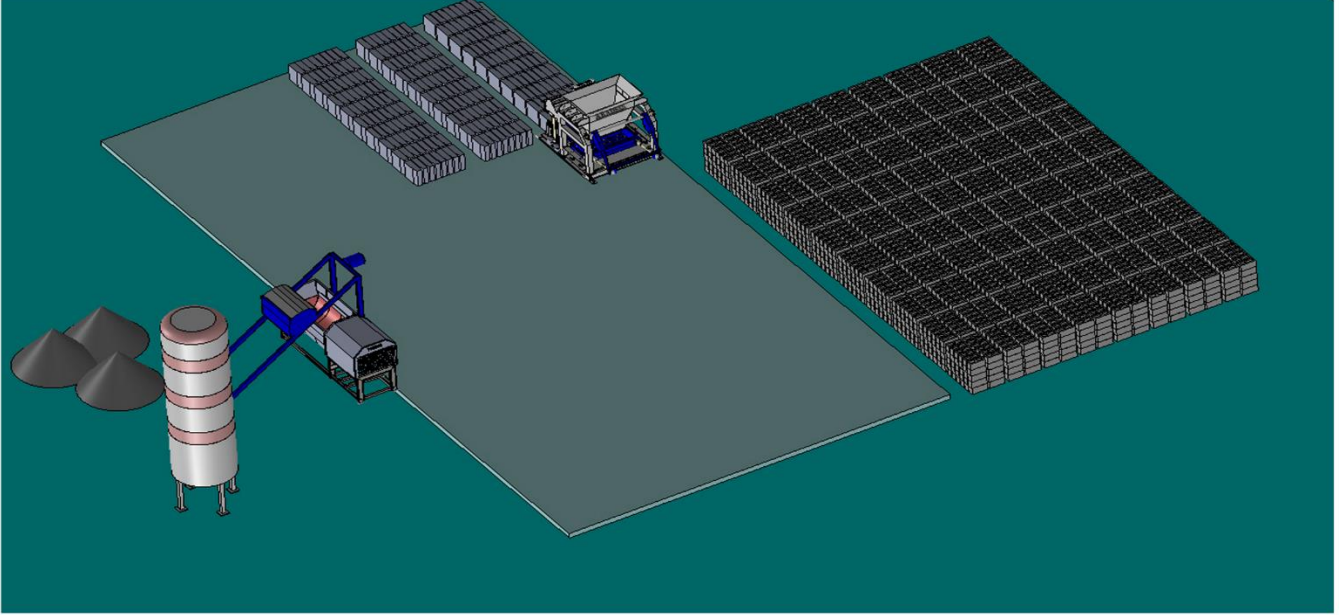
The locks and fastening parts of the system (Germany)

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).



VI . Product Line



VII. Photo Show



VIII . Product

