

Hydraulic and movable block and curbstone and Flower Box machine

(KAD1300)



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 5000 up to 6000 blocks in 8 hours.

Production capacity is 1500 up to 2000 curbstones in 8 hours.

Production capacity is 1300 flower box in 8 hours.

I . Main Intruduction

The Automatic Curbstone & Block Machine KAD1300, 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 Automatic system has loader and silo. The mould and matrix (shoulder) are moved by jacks. It consist of a loader which can do the action of feeding the moulds automatically .In silo section , the concrete feeding action is not performed manually .In every feeding time, It can produce 108 blocks .All the process such as filling the mould , feeding action and running around in the production band are done automatically. This movable machine has also 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 system KAD1300 has more features and capability than KAD1100 including:

Ability to feed the concrete to the system

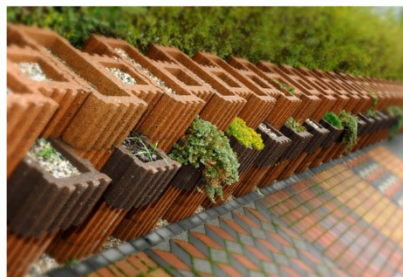
Speed and high production capacity.

This system performs the production process automatically and the role of manpower will be reduced.



II . Technical parameters

Introduction Of Main Technical Parameters	
Overall dimension	250*230*200 cm
Demold Method	Hydraulic
Turning Method	Hydraulic
Hydraulic system pressure	20-25 Mpa
Total Power	30 kw
Total Mass	5500 kg
Molding cycle	12-17 s
Molding	6 Pcs /Mold (400*200*200)
Capacity	700 -1300 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 1300	Size mm	Cycle molding	QTY/Mold	Per hour	Per day
Hollow brick	400*200*200	12-17 s	6	750 Pcs	6000 Pcs
	400*200*150	10-15 s	8	1000 Pcs	8000 Pcs
	400*200*100	10-15 s	10	1250 Pcs	10000 Pcs

IV. Raw Materials

Sand



Cement



Crash Stone



Pumice



Leca



Fly ash



V. The specification of parts used in KAD1300:

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)

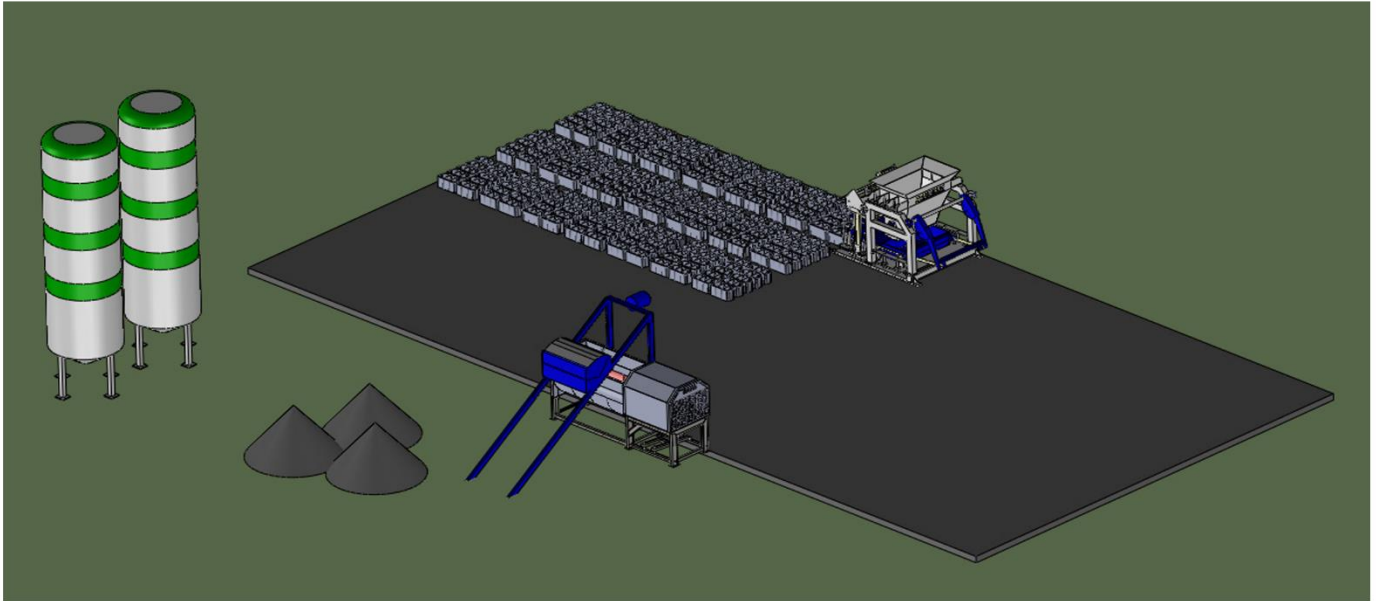
The locks and fastening parts of the system (Germany)

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).



VI . Product Line



VII. Photo Show



VIII . Product

