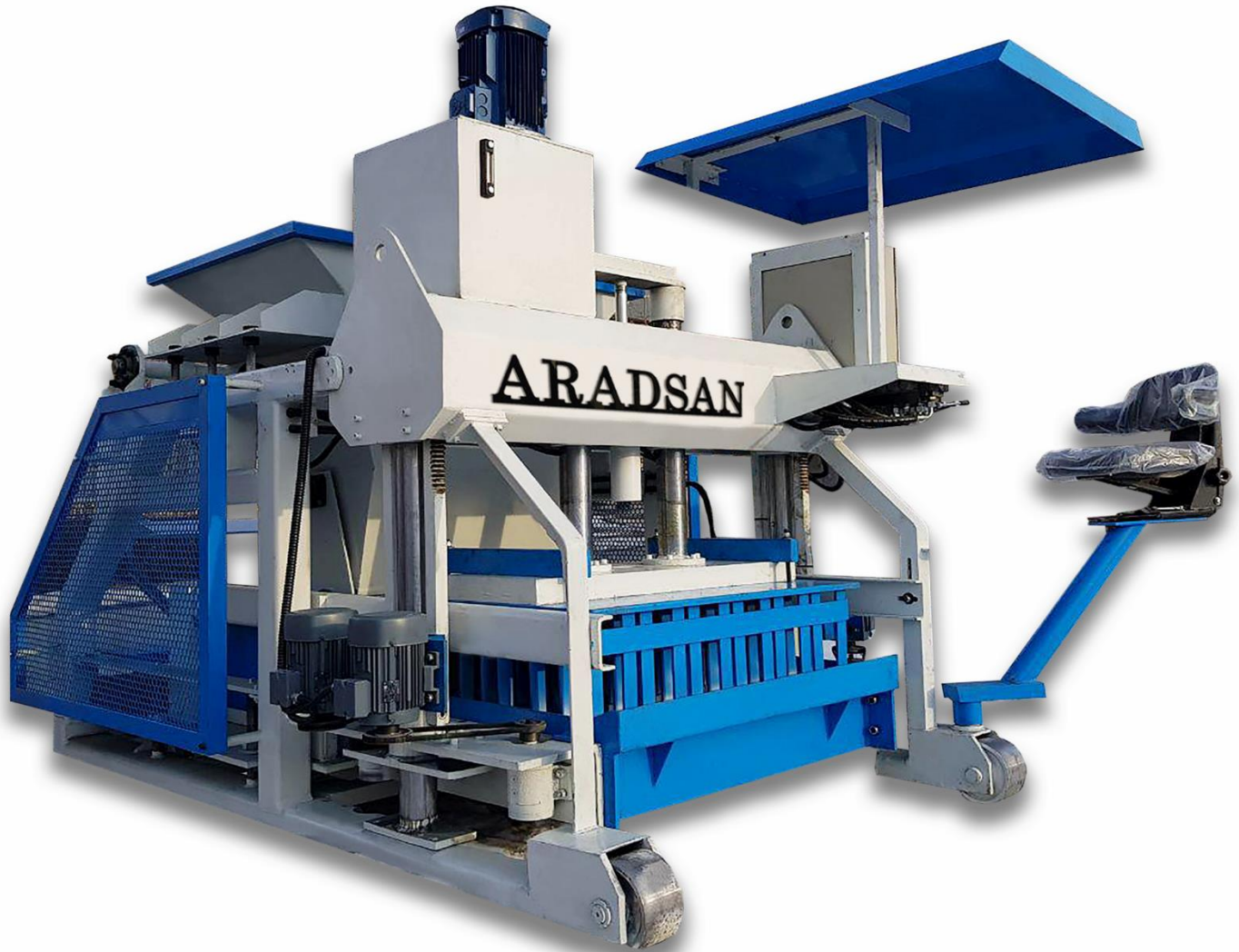


Hydraulic and movable block and flower box Machine (KAD1500)



This system can produce different types of blocks with different kinds of materials including heavy and light weight materials . This systems production capacity is 10000 up to 12000 block types and 5000 flower box in 8 hours.

I . Main Intruduction

Automatic Concrete Block Machine KAD1500 , a very solid system with high performance is designed and manufactured by Aradsan Machine . This single task system is used for producing block. The obvious feature of this machine is the high capacity of the block production. This movable system is also capable to produce different kinds of ceiling block, wall block, partition block by using sand, pumice, leca.

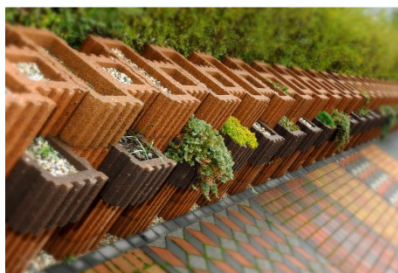
This Automatic system has loader and silo. The mould and matrix (shoulder) are moved by jacks. It consist of a loader which can do the action of feeding the moulds automatically .In silo section, the concrete feeding action is not performed manually. In every feeding time, it can produce 142 blocks. 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 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 moulds is 126*100 cm (20, 30 H).



II . Technical parameters

Introduction Of Main Technical Parameters	
Overall dimension	300*240*260 cm
Demold Method	Hydraulic
Turning Method	Hydraulic
Hydraulic system pressure	20-25 Mpa
Total Power	40 kw
Total Mass	7500 kg
Molding cycle	25-30 s
Molding	12 Pcs /Mold (400*200*200)
Capacity	1500 - 3000 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 1500	Size mm	Cycle molding	QTY/Mold	Per hour	Per day
Hollow brick	400*200*200	25-30 s	12	1500 Pcs	12000 Pcs
	400*200*150	20-25 s	16	2000 Pcs	16000 Pcs
	400*200*100	20-25 s	20	2500 Pcs	20000 Pcs

IV. Raw Materials

Sand



Cement



Crash Stone



Pumice



Leca



Fly ash



V. The specification of parts used in KAD1500:

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.

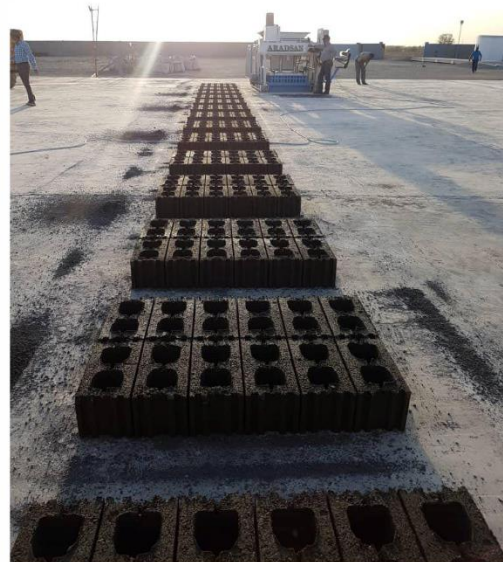
Jack's shaft: Hard chrome (Italy)

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

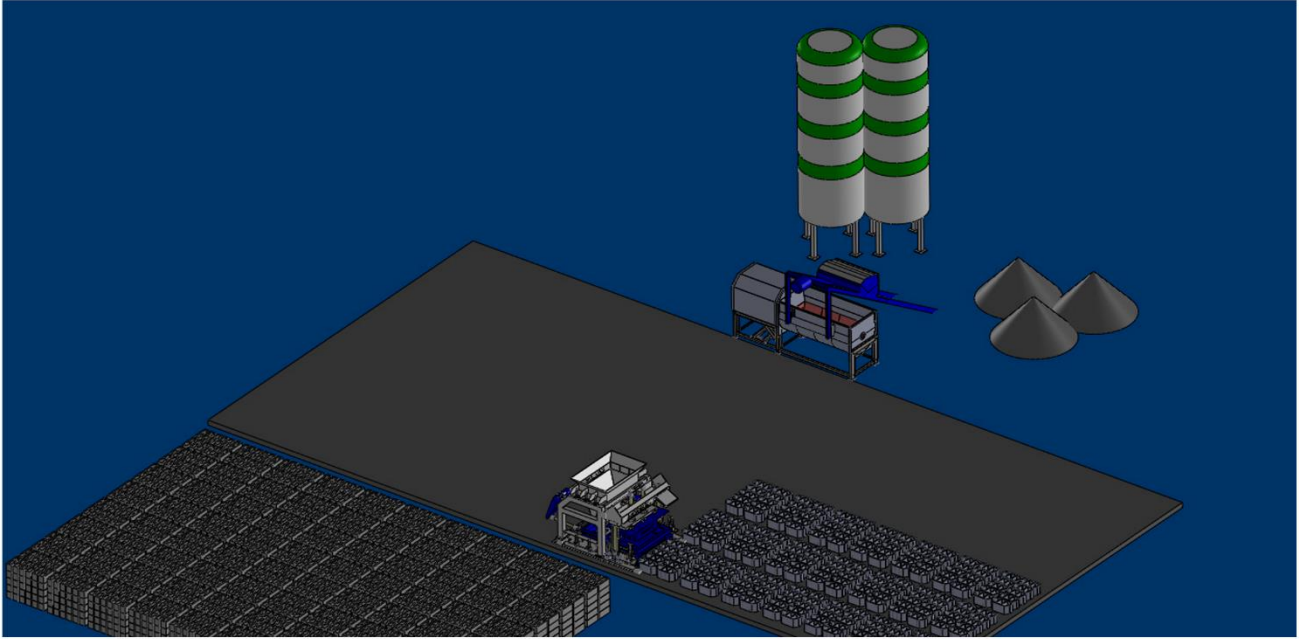
The locks and fastening parts of the system (Germany)

Equipped with hydraulic system (two levers for pressing and vacating)

Equipped with four 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. Products

