

X-SMALL PLANT

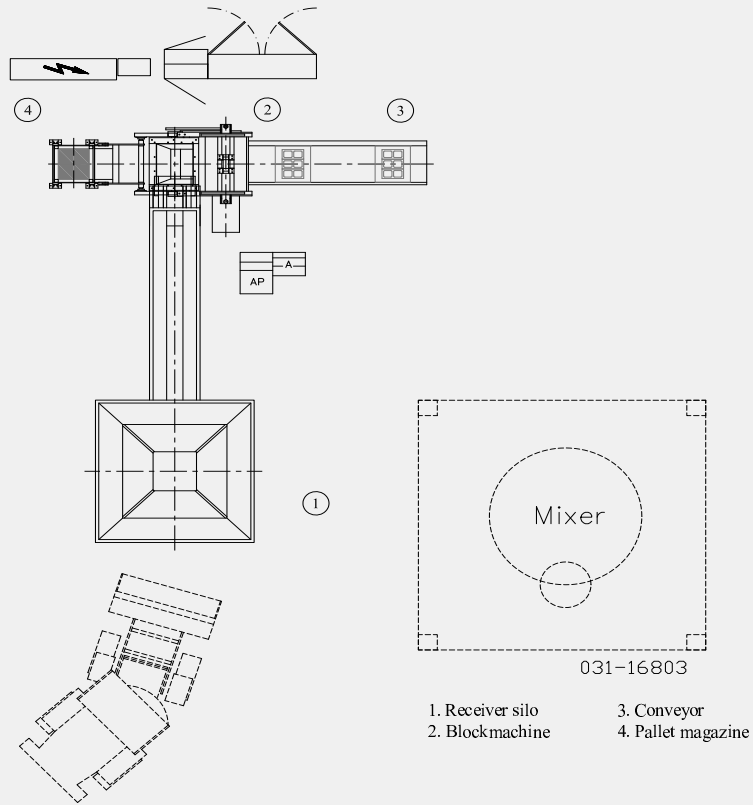
The X-small plant is a beginner/starter plant. A loader tractor is transporting the concrete from the mixer to the receiver silo where a transport conveyor is feeding the blockmachine with concrete. The blockmachine is fully automatic equipped with a conveyor and a pallet magazine.

BLOCKMACHINE

The KVM blockmachine in the X-small plant is stationary and has a pallet size of 750x650 mm. It can produce products between 30-300 mm high products. The blockmachine includes a control panel and a hydraulic station.

HANDLING

A 5 m long conveyor is placed in front of the machine to handle and transport the pallets with concrete products coming out of the blockmachine. With fork lifts or manual lifting unit the pallet with products are removed from the conveyor.



X-SMALL PLANT

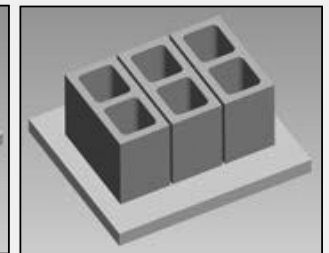
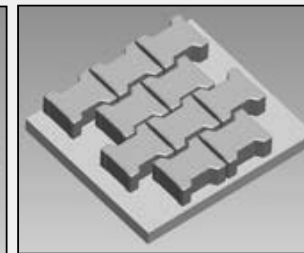
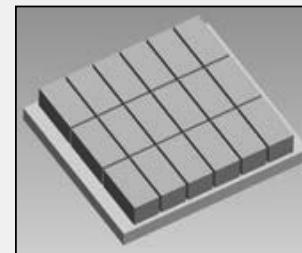
The X-small plant gives a wide range of concrete product assortment. All from pavingstones, interlocks, blocks, slabs ect. The only limit in the X-small plant is the pallet size.

The utilization of the production pallet within each concrete product may vary. As each product can be produced in different dimensions. The giving capacity is made for a standard product type.

CAPACITY:

* Capacity per 8 hours shift and 100 % efficiency and suitable materials.

PRODUCTS	SIZE MM	PROD. PER PAL-LET	CYCLE TIME	CAPACITY PER 8 H*
Building blocks	200x400x200	3	12-15 Sec.	7200-5760 Blocks
Pavers	100x200x60	18	12-15 Sec.	864-691 m ²
Interlocks	163x200x60	10	12-15 Sec.	480-384 m ²



SMALL PLANT

The Small plant is also a qualified solution for a beginner/starter plant. The mixer is an integrated part of the plant, which delivers the concrete directly to the blockmachine. The blockmachine is fully automatic.

BLOCKMACHINE

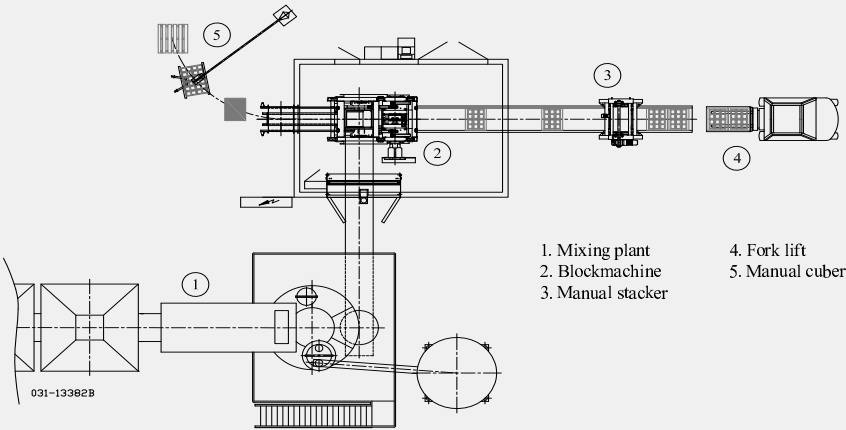
The KVM blockmachine in the Small plant is stationary and has a pallet size of 900x750 mm. Its product height is between 30-300 mm. The blockmachine includes a control panel, a hydraulic station and a pallet magazine.

HANDLING

A 5 m long conveyor is placed in front of the machine for transporting the pallets with concrete products to a stacker, which can be manually adjusted. A stack of pallets with products is removed by a fork lift.

CUBING

A manual cuber is placed behind the blockmachine to handle the palletising of the concrete products onto transport pallets. The empty pallet is placed in the pallet magazine, ready for the next production.



SMALL PLANT

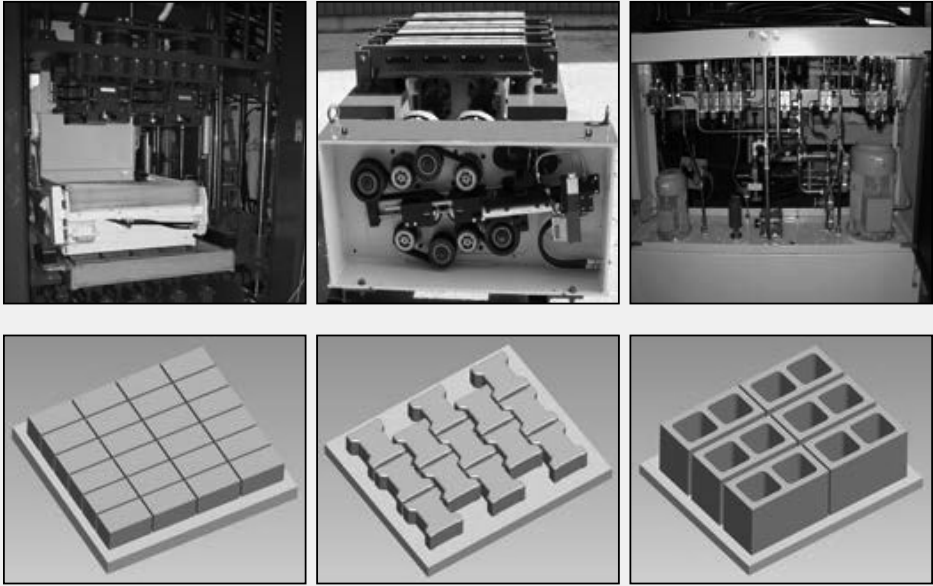
The Small plant gives a wide range of concrete product assortment. All from pavingstones, interlocks, blocks, slabs ect. The only limit in the Small plant is the pallet size.

The utilization of the production pallet within each concrete product may vary. As each product can be produced in different dimensions. The giving capacity is made for a standard product type.

CAPACITY:

* Capacity per 8 hours shift and 100 % efficiency and suitable materials.

PRODUCTS	SIZE MM	PROD. PER PAL-LET	CYCLE TIME	CAPACITY PER 8 H*
Building blocks	200x400x200	6	12-15 Sec.	14400-11520 Blocks
Pavers	100x200x60	24	12-15 Sec.	1152-922 m ²
Interlocks	163x200x60	13	12-15 Sec.	624-500 m ²



MEDIUM PLANT

The Medium plant is a semi automatic plant. The mixer is an integrated part of the plant, which delivers the concrete directly to the blockmachine. The blockmachine is fully automatic.

BATCHING AND MIXING

Two separate mixing lines are to keep each main and face-mix concrete apart. Thus to avoid fine and coarse materials being mixed.

BLOCKMACHINE

The KVM blockmachine in the Medium plant is stationary and has a pallet size of 1400x750 mm. Its product height is between 30-300 mm. The blockmachine includes a control panel and a hydraulic station. As an extra feature the machine can produce up to 500 mm high products.

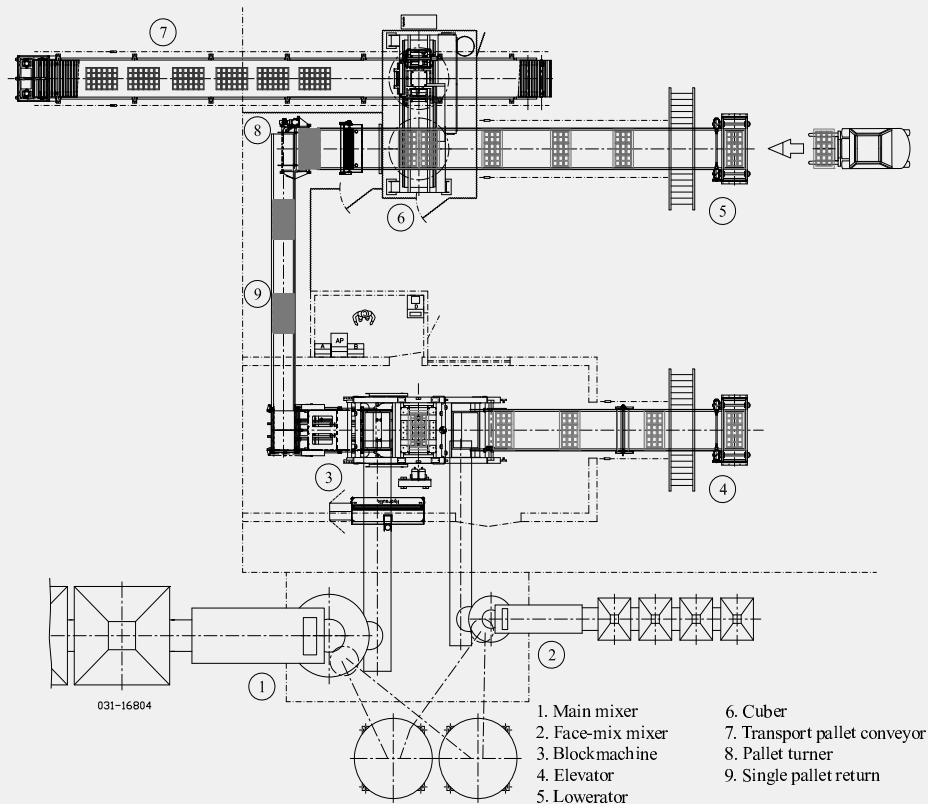
duce up to 500 mm high products.

HANDLING

Conveyors are used to transport the pallets with products around in the plant. A fork lift is transporting the products between the curing area and the production facilities. Elevator and Lowerator are used for removing and adding pallets with products for the fork lift driver.

CUBING

A fully automatic cuber is cubing the products onto transport pallets going out for trucks. The empty pallet is returned with conveyor system ready for the next production.



MEDIUM PLANT

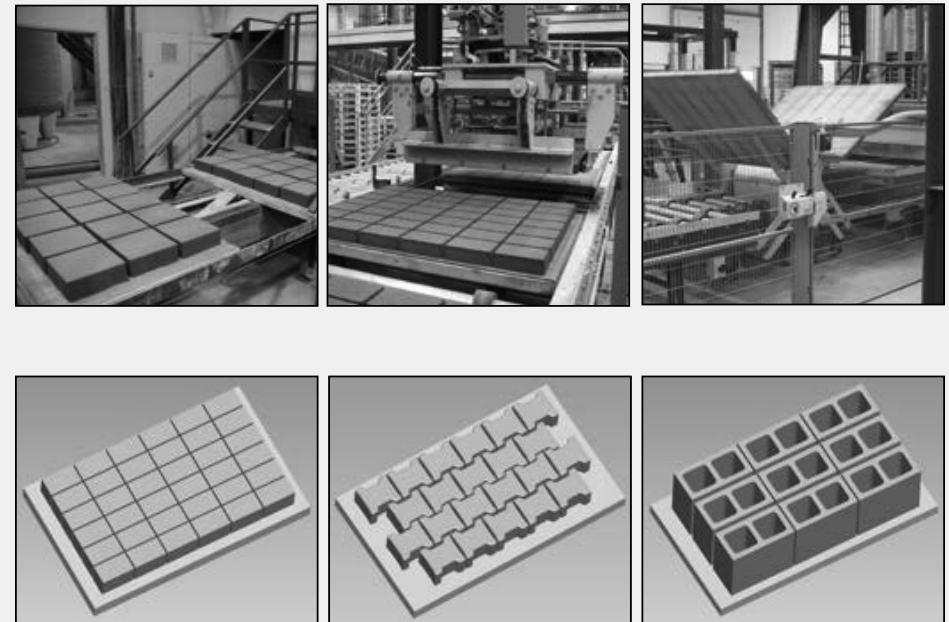
The Medium plant gives a wide range of concrete product assortment. All from pavingstones, interlocks, blocks, slabs, curb stones ect. The plant can at a later stage be expanded to a fully automatic plant.

The utilization of the production pallet within each concrete product may vary. As each product can be produced in different dimensions. The giving capacity is made for a standard product type.

CAPACITY:

* Capacity per 8 hours shift and 100 % efficiency and suitable materials.

PRODUCTS	SIZE MM	PROD. PER PAL-LET	CYCLE TIME	CAPACITY PER 8 H*
Building blocks	200x400x200	9	12-15 Sec.	21600-17280 Blocks
Pavers	100x200x60	36	12-15 Sec.	1728-1383 m ²
Interlocks	163x200x60	22	12-15 Sec.	1056-845 m ²



LARGE PLANT

The Large plant is a fully automatic plant and include the most advanced handling system, type FC, can be configured in different layouts according to local requirements and possibilities.

BATCHING AND MIXING

Two separate mixing lines are to keep each main and face-mix concrete apart. Thus to avoid fine and coarse materials being mixed.

BLOCKMACHINE

The KVM blockmachine is stationary and has a pallet size of 1400x1100 mm. Its product height is between 30-300 mm. The blockmachine includes a control panel, hydraulic station and a pallet magazine. As an extra feature the machine can produce

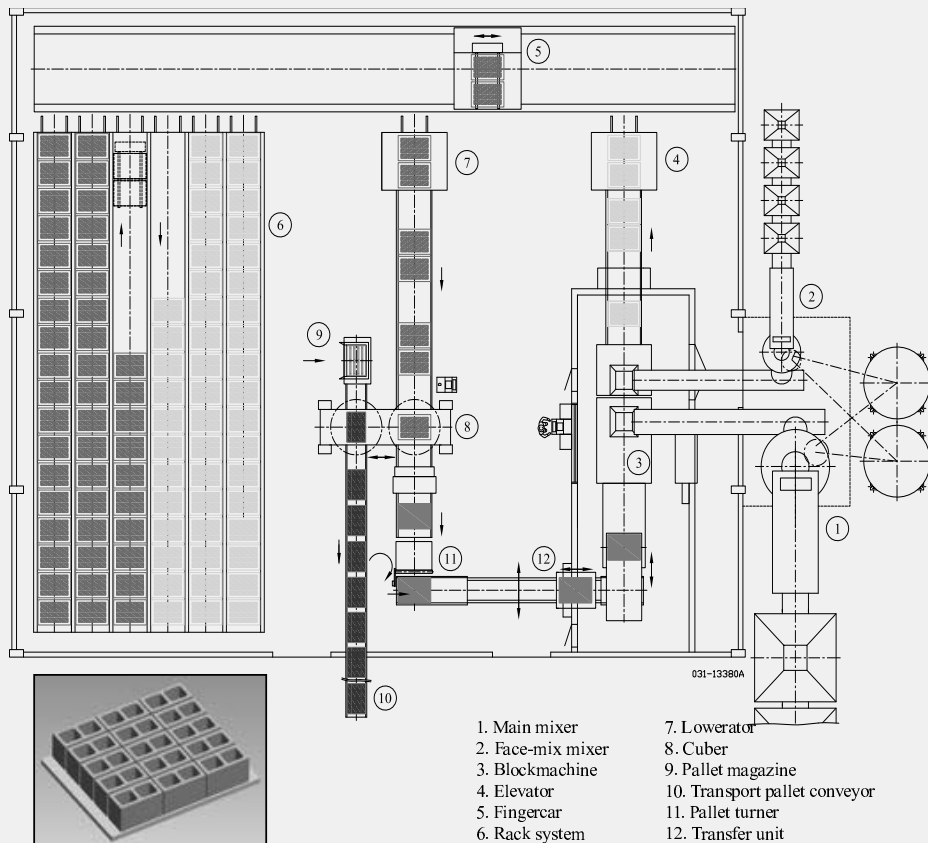
up to 500 mm high products.

HANDLING

Conveyors are used to transport the pallets with products around in the plant. A Finger Car is transporting the products between the curing area and the production facilities. Elevator and Lowerator are used for removing and adding pallets with products to and from the conveyors. A transfer unit gives easy access in-between the plant.

CUBING

A fully automatic cuber is cubing the products onto transport pallets going out for trucks. The empty pallet is returned with a transfer unit ready for the next production.



LARGE PLANT

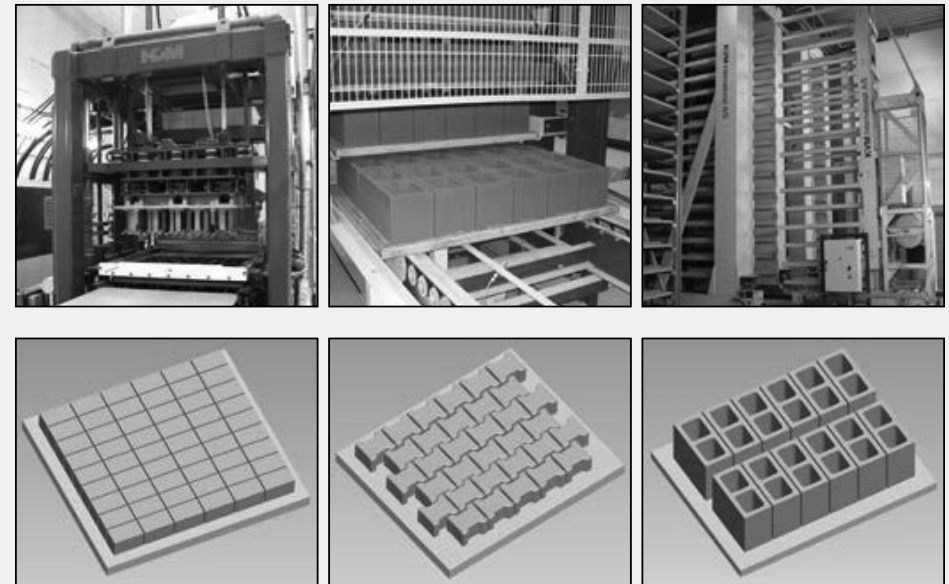
The Large plant gives a wide range of concrete product assortment. All from pavingstones, interlocks, blocks, big slabs, curb stones up to 1 m long ect. The plant can at a later stage be expanded to a fully automatic plant.

The utilization of the production pallet within each concrete product may vary. As each product can be produced in different dimensions. The giving capacity is made for a standard product type.

CAPACITY:

* Capacity per 8 hours shift and 100 % efficiency and suitable materials.

PRODUCTS	SIZE MM	PROD. PER PAL-LET	CYCLE TIME	CAPACITY PER 8 H*
Building blocks	200x400x200	12	12-15 Sec.	28800-23040 Blocks
Pavers	100x200x60	54	12-15 Sec.	2592-2074 m ²
Interlocks	163x200x60	33	12-15 Sec.	1584-1268 m ²
Building blocks	200x400x200	15	12-15 Sec.	36000-28800 Blocks



EXPERIENCE, FLEXIBILITY, VERSATILITY AND SERVICE - KEYWORDS AT KVM -

KVM has more than 60 years of experience with concrete production plants. Using experience, flexibility, service, quality and successful dialogue with our customers KVM is one of the leading manufacturers of concrete production plants globally.

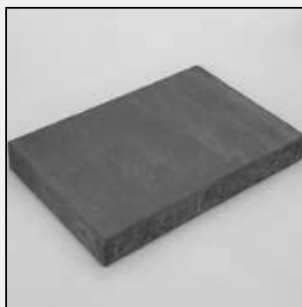
QUALITY AND GLOBAL FLEXIBILITY

With more than 60 years of experience KVM has a strong and solid quality of our products. Different markets, specific requirements and individual solutions makes KVM flexible in adaption from market to market worldwide. KVM quality combined with the success of our customer makes our products a safe investment.

VERSATILITY AND SERVICE

An important feature gained with a KVM block making machine is the great range in production of concrete products. The machine is constructed to give a high degree of versatility in products from thin pavers to heavy and tall concrete products, all with high quality and output.

The words Reliable and Loyal Partner mean for KVM a long lasting relationship. KVM is known World-wide for standing by the customers before, during and after purchasing either a single machine or a complete turnkey plant. Service is a high-valued point at KVM and we guarantee quick response and help.



LIFETIME SERVICE

Service is an important issue for KVM. A long lasting relationship starts when a project is offered by KVM. Moreover KVM is known World-wide as a loyal and reliable partner at your disposal. No matter which types of equipment, KVM stands by the customer throughout the lifetime.

COMMISSIONING

Plants or single machines are installed and commissioned by KVMs own team, meaning well qualified and educated engineers. Operators can take part in the commissioning to achieve better knowledge of the plant. After a final production test the operators are trained to run the plant by themselves.

AFTER SALE SERVICE

Regular service visits are offered by the KVM team to ensure and maintain high productivity plant performance. KVM offers a service management contract.

24 HOURS SERVICE LINE

KVM offers on-line service 24/7. If stops in the production system occur KVM assists with fast expertise and the help continues until the machinery runs again.

SPARE PARTS

With a very efficient logistic network KVM can make quick delivery of spare parts to all locations. For each plant KVM recommends a spare part package with components suited to your plant or machine.

OPERATOR TRAINING

To give the operators a good knowledge in efficient plant operation KVM has its own operator training academy. Operators are trained in concrete technology, compacting theory, product quality, machine operation, maintenance, plant performance, trouble shooting and fault finding. The training academy gives the operators a theoretical background and hands on experience.

