

Masa AG, 56626 Andernach, Germany

200th Masa plant in Middle East – sold to Pasco Paving Stones Co. LLC, Al Ain

In 1979 Masa began its success story in the Middle East Area with a first installation in Al Ain. Nearby, Pasco also had just started establishing the business to produce concrete products. In the early 1980's Pasco bought the first Masa plant which was at that time the second Masa plant in the Middle East. With this plant Pasco started to produce quality concrete products such as paving stones, kerbstones, building blocks, tiles, etc.

Today Pasco is one of the leading manufacturers of concrete products in the region. Pasco uses its own resources, e.g. own wash plant for aggregates to improve quality of raw materials and to achieve higher strength, brighter colours of finished products. Year by year new paving designs are created. The company offers a very broad selection of different kinds of paving stones, insulated blocks and a new range of special elements like flower planters, retaining wall elements,



Record 9000 VB, Pasco in 1982



Pasco No. 1 with Mixing Plant

multipurpose blocks, washed products, etc. "Day by day our company wants to improve products and processes. We want to adapt the latest technologies and therefore work together with a strong and high performing partner. Our history is strong related to the history of Masa. Therefore also in 2009, almost 30 years after our first decision for a Masa concrete block making plant we decided to buy numbers 8 and 9" says Dr. Armin Wunsch, Managing Director of Pasco.

Masa, now with 200 concrete block making plants in the Middle East Area, knows that its success is directly linked to the success of the producers. It is therefore most important to create a reliable partnership with an open atmosphere. With the help and feedback from customers it is possible to find flexible and individual solutions for an even better and more efficient plant. Today not only in Middle East, but worldwide, Masa is one of the leading manufacturers for machinery to produce concrete blocks of any type as well as products made out of aerated concrete or sand lime.



Pasco 8 and 9 under production

Masa plant configuration and technology

Masa delivers to Middle East most of its projects as complete production plants for the mass production of concrete blocks. All components starting from the batching and mixing plant, block making machine, colour mix system, transport systems, curing system with galvanised steel rack and ventilation system, secondary processing systems, such as a splitter, cubing system with cube conveyor and its complete control, supported by Masa's unique Powertainer and Hydratainers are delivered through one supplier:

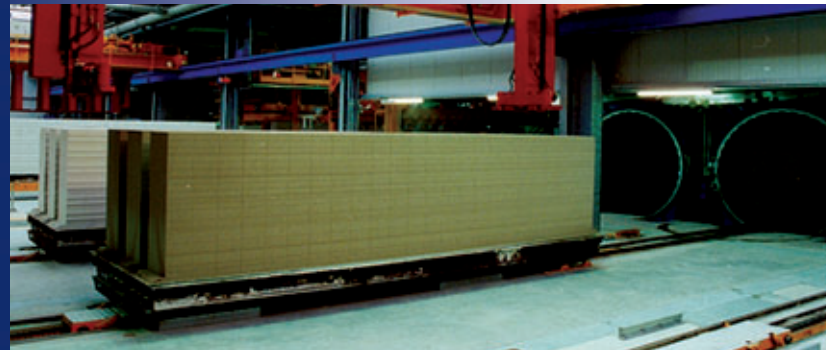
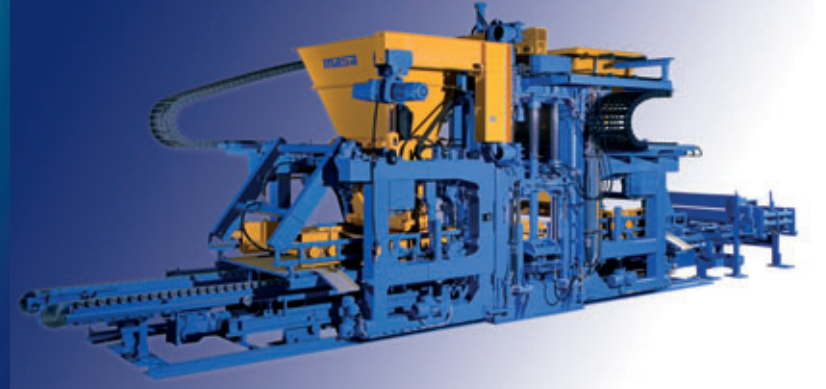
Aggregate Weighing

A moveable bucket on load cell collects the required aggregates from each aggregate silo and transports them to the mixer hoists. The weighing is therefore independent from the mixing cycle and speeds up the dosing system.

Concrete Mixer

Masa horizontal compulsory mixers have a proven success over many decades with

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- Aerated Concrete Blocks
- Sand-Lime Bricks and Blocks

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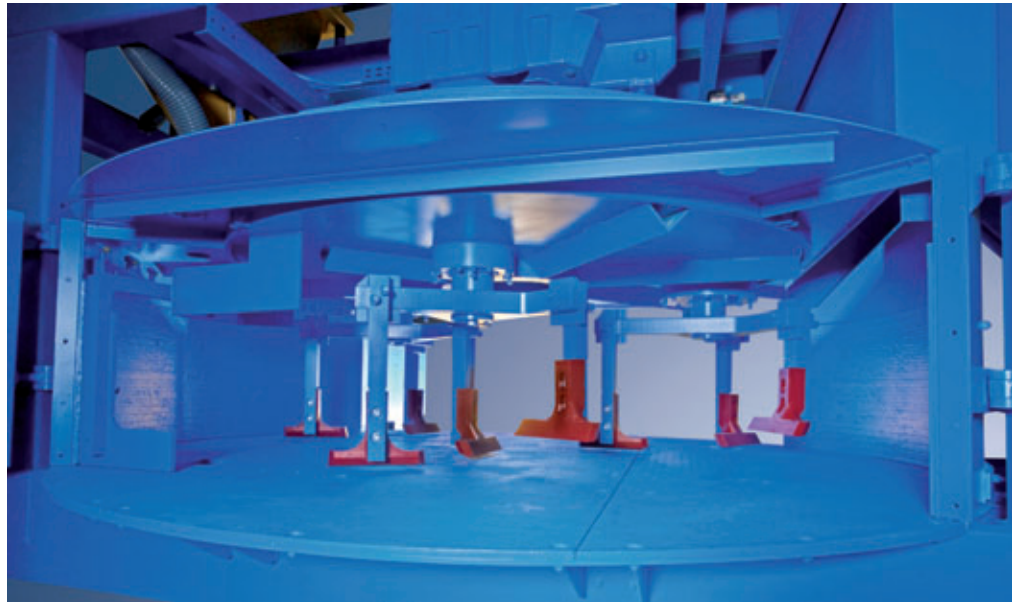


Masa Charging Scale and mixer bucket

mixing capacities from 250 l to 3000 l. The mixing cycle is optimized which gives short mixing times with the best use of energy, cement and water. All mixers are equipped with wear resistant materials. The mixer can be opened from two sides for easy cleaning and access.

Block making machine XL 9.2 with transport system

Newest block making machines type Masa XL 9.2 can produce 18 blocks (8 inch) or 60 standard paver (200x100mm) per cycle. All XL machines are equipped as a standard with a fully automatic mould change



Masa Horizontal Compulsory mixer type PH

system, continuous level control in machine silos on load cells, draw sheet device, high wear resistant materials on filling box tables and a visualisation system for machine operations to facilitate the use.

Wearing parts can be exchanged easily, e.g. wearing rails on vibration table or wear bars on filling box. Pallet transport systems on wet side and dry side are driven with electric motors, all cubing devices, 4 sided centering to close gaps or doubler are driven by servo motors, this also includes the clamping.

Powerainer – Hydraulainer

With Masa’s unique containerised solution for the power panels as well as hydraulic plant, Masa becares its leadership in this field. The ‘Powerainer’ contains all power panels, preinstalled and dust protected. Similar to this the ‘Hydraulainer’ contains the hydraulic unit with all necessary equipment executed as a sound insulated room.

Long lasting relationship

Masa’s 200 concrete block and paver making plants in Middle East show the importance of a good customer relationship combined with a high quality product and an excellent after sales and service.

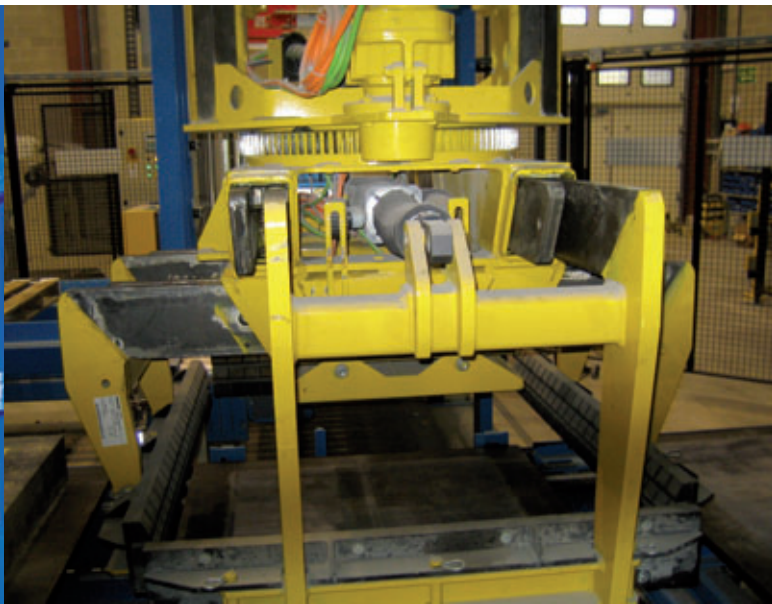
Similar to Pasco who purchased 9 Masa plants, many other companies in the Middle East have decided to grow with Masa and to get their next machines from the same manufacturer.

Service and Spare Parts

As a result of having more and more plants in the Middle East, Masa decided 10 years ago to have its own company Masa Middle East FZCO to deliver spare parts and to give the best possible service to the producers. The office including a large spare parts stock is located in the Free Trade Zone in Jebel Ali, Dubai.



Block making machine XL 9.2 with bucket conveyor



Cubotor with Servo Clamp



Powertainer

FURTHER INFORMATION



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