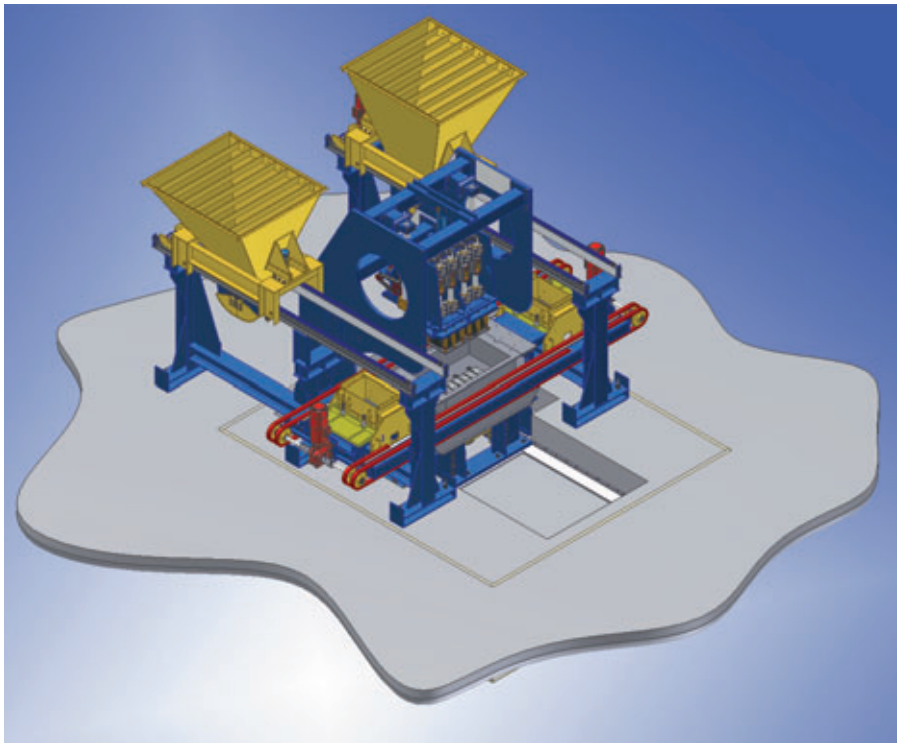
RIMAC Maschinen & Anlagen GmbH, 69256 Mauer, Germany

92 years of innovation and progress in the construction materials industry

In time for the bauma 2010, Rimac appears with a novel concrete block machine, the new RMM multifunctional machine. With an excellent compaction and surface and the lowest reject rate, large scale slabs and facade blocks, for example, can be directly removed from the formwork with a unique design or split stone blanks with flexible strengths can be produced. A multifunctional mould with a flexible height and design at the same time enables the production of slabs, trough blocks, textured pavers, kerbstones, wall coverings, wall blocks and other products with an extremely long service life. The combination of vibrating and stamping unit flexibly allows for both compaction types. With the combined RCO stacking unit, a machine can now for the first time combine the advantages of edgewise and flat stack.



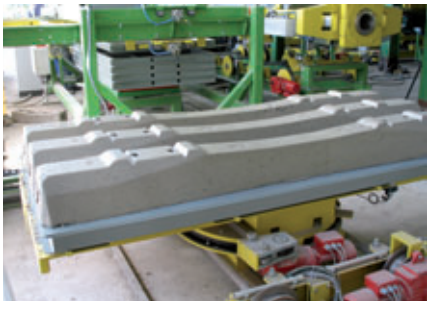
Newly developed RMM multifunctional machine

With a cycle time of approx. 20 seconds, the machine will be faster than the RSM sliding bed machine and at the same time considerably more flexible than the RTM turntable with only one mould. With this cycle time, the machine also comes close to the RBM building block/ block making machine, but has several advantages: the height, design and product flexibility of one mould is unique to the RMM multifunctional machine. The ejector also makes it possible to optimise each product in terms of its parallelism. Large formats can also be produced very well. The compaction of the finest aggregates identical to that of natural stone is only possible with stamping. With a RW 180° turning device or RW 2x90° wing machine (also in the RCO), the machine can also be integrated into the wet side of existing block making machine cycles. This also applies for existing hermetic flat stack cycles, whereas the planned stronger products can then be separately positioned on edge.

Innovations in handling have been presented for years by Rimac:

- 2005 RFH Fixed Handling in order to make any mobile block machine, such as the RMB Rimac mobile block machine, stationary as an extremely competitive and efficient solution for the manufacture of blocks
- 2001 / 2008 / 2009 RFP foot pallet handling as a fully automatic cycle for

RMB Rimac Mobile Block Machine with RFH Fixed Handling made stationary



Concrete railway sleeper production with Rimac systems

That's how it all started

RBM 4R + RFP foot pallet handling

foot heights of 115mm / 225 mm / 325 mm. In connection with the tropics version and an enclosed dry room, the system enables an excellent room climate and drying. Investments such as steel racks, roller shutters and vaporisation systems become unnecessary, not to mention the related costs. With the newest technologies, the RBM 4R thereby belongs to the tradition of its predecessors Unipac, Ecopac and Multipac. The patented RRO rotor cuber also ensures a rapid dry side.

- Factories of the porous concrete industry have been modernised, optimised and automated since 1997.
- Together with its customers, Rimac has provided systems for the manufacture of concrete railway sleepers. Both prestressed solutions für the TGV / ICE high speed trains and post-stressed concrete railway sleepers for standard trains.
- Tested technologies are also transferred to other industries, such as plasterboard, sheet metal profile, shell and compost factories; Rimac's compost systems produce humus blocks from waste products and not from concrete with a fulling process.

Patented rotor cuber RRO

Interested parties can receive further information about new products from Rimac at its bauma 2010 booth (hall B1, booth 115/214 together with the top factory partners SR Schindler and Prinzing)

RRO Rotor Cuber + Step 2 Handling

FURTHER INFORMATION

RIMAC TOP-WERK PARTNER

RIMAC Maschinen & Anlagen GmbH
Im Bruch 4-10
69256 Mauer, Germany
T +49 6226 42910 · F +49 6226 429110
info@ri-mac.de · www.ri-mac.de

bauma 2010 Stand B1.115/214