

Techno Split S.r.l., 38050 Ospedaletto (Trento), Italy

New concrete block splitting machine in Norway

Just one year after a block splitter was commissioned at Vikaune Fabrikker in Norway, Techno Split has supplied another machine to the same country - this time to Multiblokk AS in Sandnes. Techno Split from Ospedaletto in Italy has specialised in the development and installation of machines for processing concrete blocks. The block splitter at Multiblokk is one of the latest generation machines that have been pre-equipped to run with automatic packaging systems. This technical solution allows for hourly performance rates to be increased substantially and staff costs to be reduced. Approximately 50 block pallets can be processed per day with this type of machine. Only one employee is needed to operate the machine and the packaging plant plus a forklift driver.

The block splitter has a 60 tonne power rating and is capable of splitting blocks up to a length of 800 mm and a maximum height of 280 mm. The plant delivered to Norway is a machine of medium size. Techno Split machines can split lengths from 600 mm right up to 1,200 mm. Maximum product heights are between 280 and 400 mm depending on the version; splitting force ranges from 60 to 120 tonnes. Blocks can be easily loaded onto the slat conveyor with the optional packaging machine.

Techno Split has focussed on operational safety in developing its machines. In fact, this matter has been given highest priority at all times. The operation of the block splitter in Norway is, for example, monitored by a special "SICK" safety barrier. This safety barrier is only one of numerous measures and devices for preventing work processes from being carried out in hazardous situations.

The pushing device for moving the blocks forward is powered by a brushless motor, making it more advanced than conventional hydraulic models. The immediate benefits are that the cutting precision can be adjusted to the exact millimetre and, in

particular, that the procedure can be carried out directly from the operator's control panel. One other technical finesse concerns the automatic removal of production waste, which can also be controlled from the operating panel. This solution involves the slat conveyor opening up as the pushing device moves the blocks forwards so that material rejects fall onto a conveyor belt that conducts this waste to a container specifically designated for this purpose.

The Norwegian customer was particularly impressed with the comprehensiveness of Techno Split's offer and their many years of experience in constructing this type of plant. In addition, Techno Split machines - especially those fitted with brushless motors - can make do without a great amount of maintenance.

The technical data reflects the high quality of the construction components: SEW motors, hydraulics from Rexroth - a Bosch Group company, all machine control instruments from Siemens.

Techno Split production machines fulfil all prerequisites for obtaining optimum results. This is made possible by their great reliability

and flexibility in production provided by the system's modularity. The company has been able to successfully manufacture both the basic machines for block splitting as well as their corresponding packaging machines, so as to forestall any possible problems with compatibility.

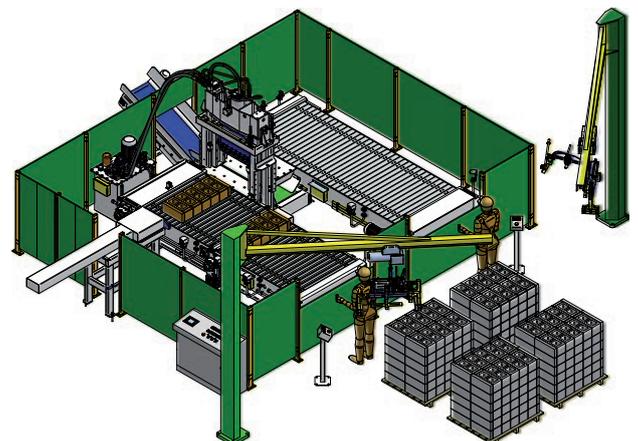
FURTHER INFORMATION

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Layout of the block splitter at Multiblokk