

HENNECKE PRESS RELEASE

**Hennecke at INTERZUM 2007 in Cologne from 9 – 12 May
Hall 09.1 / booth C-069**

MultiFlex Basic:

Recommended by experienced users

Slabstock producers who want to stay in business in the long run and new entrants to high-pressure technology have one major objective in common: to save costs. With Hennecke GmbH's new MultiFlex Basic slabstock line, they can rely on both economic efficiency and cost minimisation.

The development of the MultiFlex Basic was based on comprehensive market studies. The results and customers' requirements were directly incorporated in the development work so that great flexibility could be achieved through a variety of options. At INTERZUM 2007, Hennecke will inform trade visitors about its new plant design.

The machine concept comprises three types: firstly, the trough system, secondly the liquid-laydown design and thirdly, a combination of trough and liquid-laydown plant. Owing to the different types, Hennecke achieves great versatility and provides entrants to high-pressure technology with a standardized plant at an unrivalled value-for-money price.

Changing over or starting to use high-pressure technology pays off: leading slabstock producers who look back on many years of experience with low and high-pressure plants confirm isocyanate savings of nearly 4 per cent compared to slabstock lines operating on the low-pressure principle. Given an annual slabstock production of about 5,000 tonnes and an isocyanate price of nearly 2.50 EUR/kg, savings of roughly 200,000.00 EUR per year can be achieved.

Another substantial saving effect arises from Hennecke's tried and tested flat-top system. The covering method serving to transform the thick top skin into usable foam allows slabstock producers to realize a nearly 10 per cent higher foam yield compared to conventional domed blocks.

Nevertheless, the quality of the plant design is not affected by the savings. For the user, this means high plant availability along with reduced maintenance and spare parts costs due to high-grade, standardised plant components. In addition, the machine's modular design shortens assembly and start-up times, thus cutting investment costs.

Depending on the plant configuration, various top-quality polyether-based slabstock foams can be produced such as standard, hypersoft, high-load, high-resilient, viscoelastic, CMHR + CME and special foams.



Mixer unit with liquid laydown
Photo: Hennecke GmbH

The optional use of the patented NovaFlex® technology, utilising the CFC-free blowing agent CO₂, permits the manufacture even of foams with densities below ca. 12 kg/m³. This process does not only fulfill qualitative and economic criteria, it also meets ecological requirements.

Hennecke has developed and built slabstock plants for more than 50 years. This is reflected in a versatile plant spectrum. The PU specialist also offers production lines for the discontinuous manufacture of flexible, polyether-based low-density slabstock without blowing agent, including MegaFoam for instance. And a great number of polyether-based foam types can also be produced using BFM Compact.

The plant consists of a single frame, just the day tanks for isocyanate and polyol have to be mounted. Space and assembly requirements are thus minimised.

For further information, please contact:

Stefanie Geiger
Marketing Communication
Tel. + 49 2241 339-297
Fax. + 49 2241 339-974
Email: stefanie.geiger.sg@hennecke.com

Hennecke 
Polyurethane Technology

Hennecke GmbH
Polyurethane Technology
Birlinghovener Str. 30
D – 53754 Sankt Augustin

A  Bayer MaterialScience Company