

Q4 2005

pta

PETROLEUM TECHNOLOGY QUARTERLY

**REFINING
GAS PROCESSING
PETROCHEMICALS**

SPECIAL FEATURE

MASS TRANSFER: DISTILLATION



200-V14B

200-

High-capacity pastillation system

Sandvik Process Systems has launched a high-capacity version of its Rotoform pastillation system following year-long trials under production conditions at the Econova sulphur solidification works in Melilli, Sicily. The basic operating principle, developed over the past 25 years and incorporated in more than 1200 Rotoform systems operating worldwide, remains unchanged; a cylindrical drop depositor combines with a steel belt cooler to create uniform-sized pastilles from liquid sulphur. However, the new system, the Rotoform HS, through utilising a larger rotating shell and a steel belt, which at 15m is twice as long as that in the base model, can work at twice the speed of the earlier system and produce up to 12t/h sulphur pastilles. Besides sulphur, the Rotoform HS system can also process Urea (up to 5.0t/h) and Naphthalene (up to 3.5t/h).

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