

# Front runners: HSC machine concepts with SU-matic multiple spindle heads

The Anger company of Traun (Austria) basically offers a machine concept that is midway between the HSC machining centre and the HSC special machine. The working principle is clearly designed and consistently tailored with time-saving in mind. This machine concept is based on multiple work spindles (up to 20 in number) which are arranged in a row beneath which the «coordinate unit» traverses the workpiece from spindle to spindle in one setting. It is possible to approach HF spindles at up to  $60,000 \text{ mm}^{-1}$  alternating with SU-matic multiple spindle heads. There is no need to keep to size or weight limits when using multiple spindle

drilling or tapping heads.

### Costs are cut by 30%

When it comes to costs and savings, the picture is impressive: with the Anger concept, the investment costs for a series production run can be cut by 30 per cent, and the lower space requirement for the machines also has a positive effect.

Example: channel plate machining for automatic transmission gear boxes

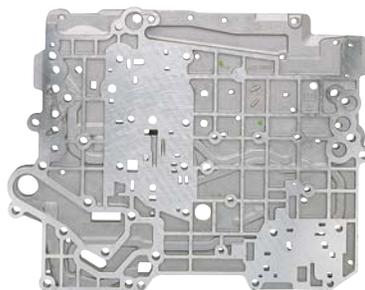
12 x core hole drilling - M5

12 x core hole drilling - M6

12 x thread cutting - M5 x 0.80

12 x thread cutting - M6 x 1.00

Time required (inc. non-machining time) 9 seconds



*24 x core hole drilling and 24 x thread cutting operations in 9 seconds!*