

**HEDELIUS Maschinenfabrik, the creative machining centre specialist, is now concentrating its production on vertical 3 and 5 axes machining centres. On one hand this will result in an exemplary price / performance ratio and to a path-breaking machine design on the other.**

### A TRULY UNIVERSAL TALENT

HEDELIUS GmbH will be presenting a traversing frame machining centre especially designed for 3, 4, 5 and 6-side milling of small to medium sized workpieces at this year's open house.

The outstanding feature of this machining centre is its long, divisible working area with a fitted rotary-swivelling table unit.

Workpieces up to 1,800 mm in length can undergo 3-axis machining in the undivided working area. Longer workpieces, such as profiles, can be fed in through the openings in the sides of the working area. It only takes a few minutes to remove the rotary-swivelling table unit, which is installed on the left, from the working area.

The rapidly installed working area parti-



tion divides the large working area into two separate working areas. Workpieces up to 700 x 510 mm in size can undergo 3-sided pendulum machining in these working areas.



Angled cutting heads taken from the pick-up magazine can be interchanged for front side machining.

Angled cutting heads can be used with SK40, collets or quick-change toolpiece holders.



The rotary-swivelling table unit has been designed for use with clamped workpieces weighing up to 20 kg. A new workpiece clamp can be fitted in just a few minutes as the centre is equipped with a combined flange/HSK A63 interface.



160, 200 and 250 mm clamping plates or faceplates can be supplied as standard fittings.

The 2- or 3-jaw chucks can be used to economically produce machine turned parts in single, small or medium sized batches. The two working areas created by sliding the partition into place make for much more efficient 5-sided machining. The workpiece's remaining clamping surfaces or those required for precision machining are eliminated or set up in the pendulum machining process during non-machining time.

Shaft or pipe machining between the tips is another one of the machine's highlights. The programming is supported by a cylinder surface program that runs on a standard Heidenhain iTNC 530.

An attachable gantry will give you another machining option. The 475 mm clamping length gives you sufficient room to use multiple clamping. You will be greatly impressed by the machine's overall design and its capacity to rapidly adapt to all kinds of clamping jobs and its huge working area.

