



Vertical and Horizontal Spindle

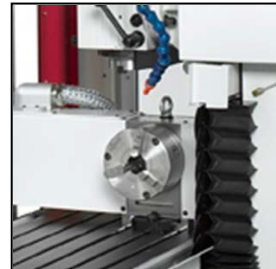
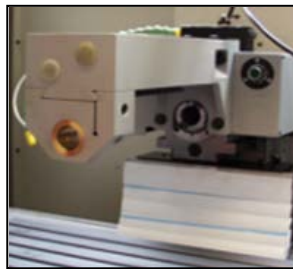
**Vertical Milling head can be swivelled
through +/- 90°**

Manual and CNC operated

Heidenhain Control

Areas of application

General mechanical engineering
Individual- and series production
Tool and mold production
Research and development
Prototype construction
Vocational training centres



Major characteristics of KUNZMANN are:

- Stable multi-ripped cast iron construction with horizontal-/vertical spindle and manual quill
- Hardened and ground flat guideways in all axes for highest rigidity
- Backlash-free ballscrews for up- and down milling



5-axis simultaneous machining with Heidenhain iTNC 530 controlled with swiveling milling head (B-axis) and CNC rotary table

Compact, high performance universal machining centre with rapid tool changer for small and medium batch production.