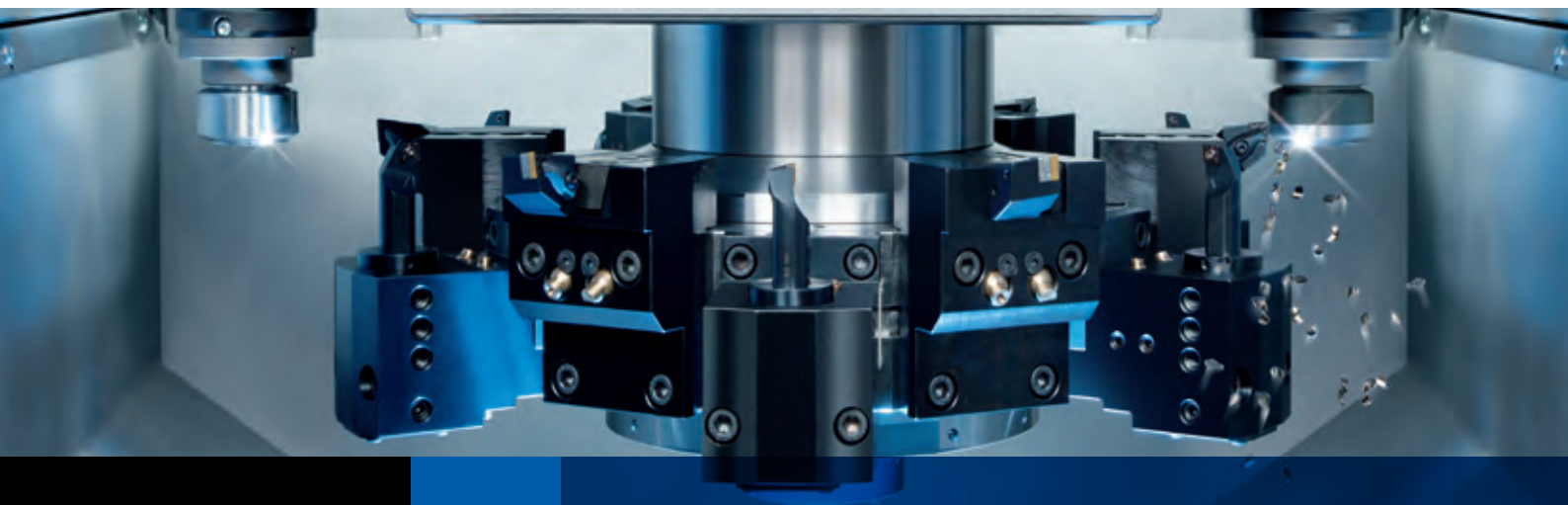


VLC 100



VERTICAL PICK-UP MACHINES

think

VERTICAL



THE BENEFITS

- 1** **Machining of chuck parts = Standard machine concept**
- 2** **Small footprint (Chaku Chaku or close linear arrangement) = Reduced floor space costs, more possibilities for the machine layout**
- 3** **Possibility of simple interlinking via central feeding and discharge belts and pick-and-place unit / changer = Flexible as regards to future developments, lower automation costs, and shorter tooling times**

Automated Vertical Machines – VLC 100

The machines of the VLC 100 series are characterized by a sturdy machine design, dynamic axes and simple operation. Each machine is individually tailored to meet customer requirements, thus creating manufacturing solutions which are optimally adapted to the requirements of the workpiece. This in turn ensures maximum productivity and quality. Workpieces of up to 100 mm in diameter and 150 mm in length can be machined on these machines.



VLC 100

- 4** **Integrated automation = No additional costs (interface, etc.)**
- 5** **Short transport distances = Optimization of idle times**
- 6** **Common parts strategy, standard spare parts warehousing = Lower maintenance costs**
- 7** **Ease of operation (extremely accessible machining area) = Quicker machine set-up**
- 8** **High energy efficiency = Reduction in energy costs**



CONFIGURATION OPTIONS OF THE VLC 100

The VLC 100 offers a broad spectrum of technology modules and can thus be individually adjusted to the machining requirements: turning tools, milling and grinding spindles as well as multi-spindle drill head modules are available.



Tool turret



Hard turning
(tool block holder)



Combination of hard
turning + external
grinding



Combination of hard
turning + internal and
external grinding



External grinding



Internal grinding with a
grinding spindle



Internal grinding with
two grinding spindles



Multi-spindle drill head

FLEXIBLE



At home all over the world.



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