

ENDURO V 500

Endfinishing machines and end machining centers,
as vertical bed solution, for machining of workpieces
from 10 – 150 mm diameter



The **Enduro V 500 series** are designed with excellent features. The most important is the use of a „Modular Structure“ design. These economical machines can be used for many applications. From „one-of“ parts to complete complex machining of workpieces.

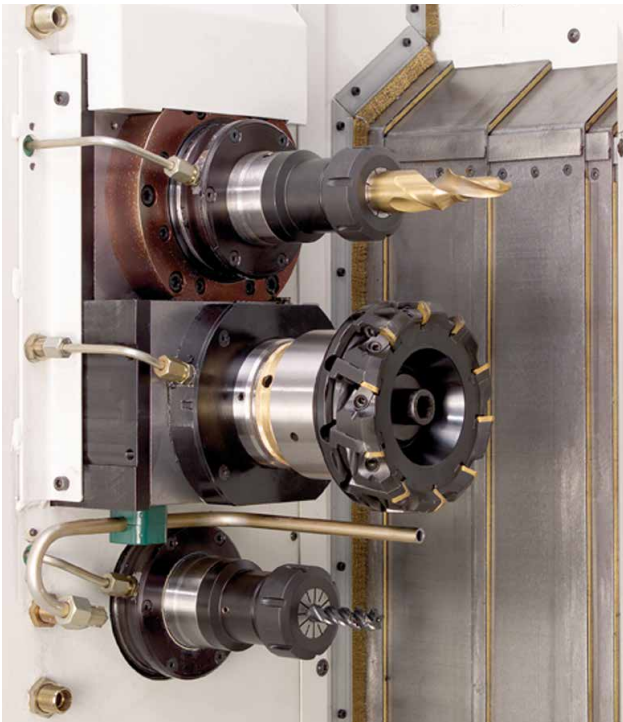
All Enduro machines are based on a completely new machine concept, consisting of two vertically superimposed guideways with working spindles and clamping devices mounted in the working area. This unique design permits, especially for dry machining, a trouble-free chip flow directly into the chip disposal area below.

Technical details:

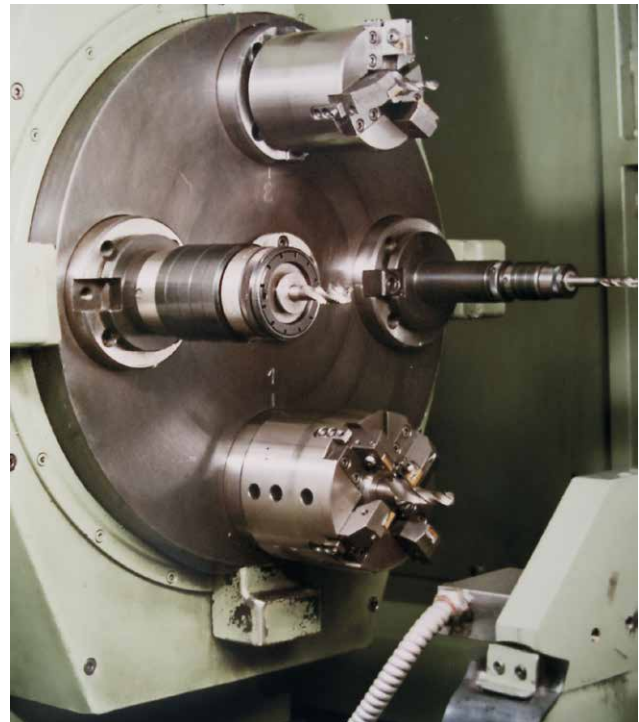
Workpiece diameter	10 – 150 mm
Workpiece length	80 - 500 / 800 / 1 200 / 1 600 / 2 000 / 2 600 / 3 200 / 4 000 / 6 000 / 12 000 mm
Total power consumption	approx. 30 kW
Machine weight	approx. 11 000 – 18 000 kg
Spindle drive	11 kW
Tool adapter	HSK 63
Rapid feed rate of feed units	25 m/min.

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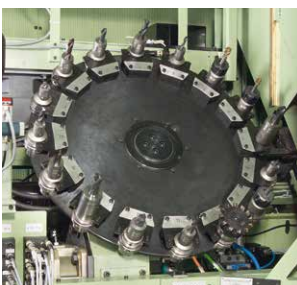
Details:



Machining units
with 1, 2 or 3 spindles



Rigid machining unit
with 4-fold disc magazine



Tool magazines,
executed as 8- or 16-fold disc
magazines



Automatic tool changer
with double gripper



Machining units
with 4-, 6-, 8-fold turrets for
shortest chip to chip time



**Central working clamping
devices,** for 3-point or 4-point
clamping

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