

**Enduro V 800**

# End processing system as vertical bed solution for machining of workpieces from 20 to 400 mm diameter



Our fully automatic Enduro V 800 end processing system makes the processing of large series or heavy, long workpieces easier for you.

**A significant time and cost-saving factor for your production: Processing operations, such as milling, drilling, centring and thread cutting, are carried out on both sides, in one work cycle and without manual intervention.**



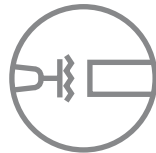
- For processing:**
- Hydraulic cylinder tubes
  - Transmission shafts
  - Camshafts
  - Toothed racks
  - Crankshafts
  - and much more ...

## Your benefits:

- + Optional choice between manual and automated loading**  
(robots, portal, timed conveyors, connections to upstream/downstream conveyor, buffer sections)
- + The guide and linear rails are always kept free of chips**
- + Different processing operations are carried out on both sides, in one work cycle without manual intervention**  
As standard: up to 3 work spindles per side, special requests are possible
- + Automatic tool changer with double gripper**
- + Additional magazines up to 80 tools**
- + Individually adaptable and expandable**  
due to modular design

## Everything from a single source

Thanks to our integration into the **Pütz Group** and the resulting **synergy effects** we are able to offer you not only end processing machines and centres but also the appropriate testing technology to test surfaces and dimensional accuracy and completeness.



**Whether for a tailor-made, complete turnkey solution or individual components – we have the experience and the technology you need!**

### Processing options:

- Spotfacing
- Chamfering
- Turning round ends
- Centring
- OD-turning
- Tapping
- Thread rolling
- Face milling



### Processing of:

- Hydraulic cylinder tubes
- Gear shafts
- Cam shafts
- Gear racks
- Crankshafts
- Non rotationally symmetric components

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**HIRSCHEIDER GmbH**  
 Ferdinand-Porsche-Str. 5  
 73479 Ellwangen  
 GERMANY

info@hirscheider.com  
 Phone +49 7961 56499-0  
 Fax +49 7961 56499-340  
 www.hirscheider.com