

*powertrain*hone LSR
Precision Honing Machines



Performance at the highest level

The LSR (Large Scale Reaming) honing unit of the powertrainhone series can be used as a modular machine or as an integrated solution in a transfer line.

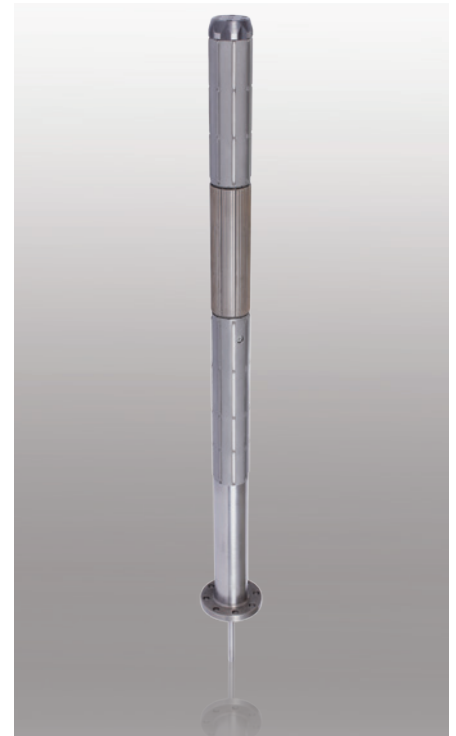
The horizontal honing unit ensures precise and effective machining of crank bores in engine blocks.

Driven by a servo motor and equipped with an electro-mechanical feeding system, optimized machining results are achieved.

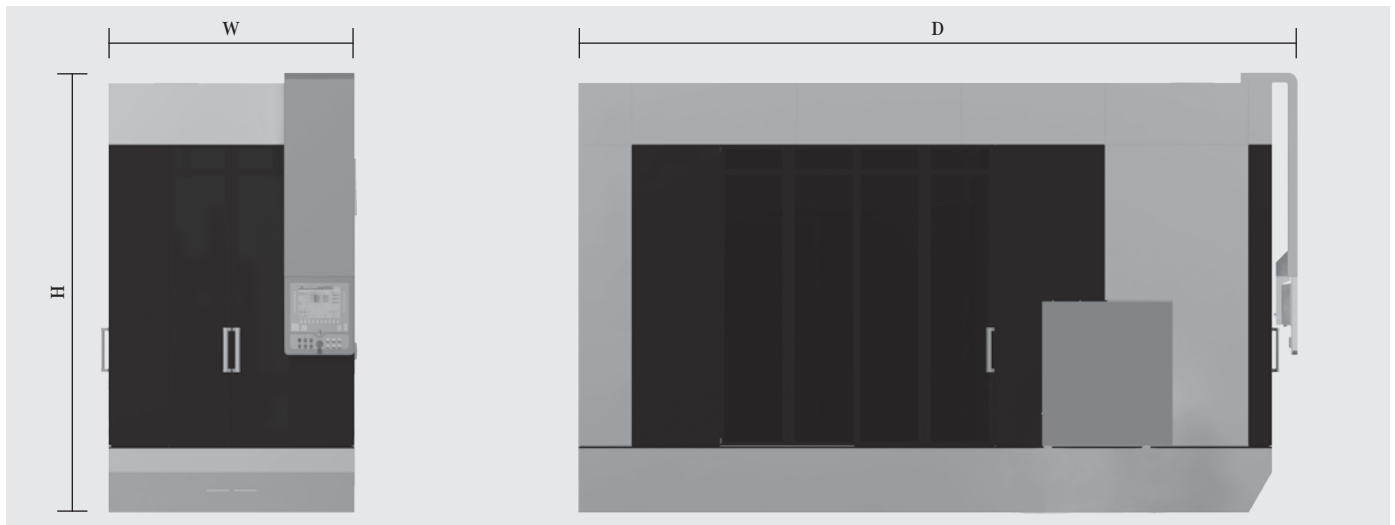
The machining of the crank bore improves the geometrical and positional accuracy. The used ream

honing process is characterized by maintaining close tolerances and long tool life. This results in high process availability with low tooling costs. The ream honing is a contribution to the future sustainability of the combustion engine.

The LSR module can alternatively be equipped with one or two honing units and optionally supplemented by an automatic tool changer. In combination with the HSK connection, quick tool change can be assured. Overall, this machine offers quality at the highest level.



Crank bore honing tool



Technical Data		LSR 2000
Stroke length	mm	2000
Honing Diameter	mm	45 - 90
RPM, max	1/min	150
Rated power	kW	5,5
Stroke speed, max	m/min	20
Required space (W x D x H)	mm	1800 x 6700 x 3300

Subject to technical changes and variations in design and configuration.

**Trust in the technology leader with many years' experience and global presence!
Innovative technology combined with an economical mindset sets us apart.**



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