



## ***FMH 500 HONING MACHINE***

### ***Outer and Inner RING***

|                                            |                              |
|--------------------------------------------|------------------------------|
|                                            |                              |
| <i>Outer diameter of outer ring (max)</i>  | <b>500 mm</b>                |
| <i>Inner diameter of outer ring (min)</i>  | <b>200 mm</b>                |
| <i>Ring width</i>                          | <b>20-100 mm</b>             |
| <i>Maximum Speed of spindle</i>            | <b>500 rpm</b>               |
| <i>Number of axis</i>                      | <b>4 axis</b>                |
| <i>Oscillation Angle</i>                   | <b>+/- 16°</b>               |
| <i>Max Angle contact</i>                   | <b>+/- 45°</b>               |
| <i>Part roughness after honing</i>         | <b>0,01 Ra</b>               |
| <i>Oscillation Frequency</i>               | <b>900 Oscil / min</b>       |
| <i>Precision of Repeated Axis Position</i> | <b>0.002 mm</b>              |
| <i>Loader</i>                              | <b>Anthropomorphic Robot</b> |
|                                            |                              |
| <i>Tape polishing external diameter</i>    | <b>OPTIONAL</b>              |
| <i>Face Tape polishing</i>                 | <b>OPTIONAL</b>              |