

# MPS-3L<sup>HD</sup>

## HSC Machine



Base



With Automation

### Details Base Modul

|                        |                                   |
|------------------------|-----------------------------------|
| Material               | UHPC + Steel + Aluminium          |
| Size of Machine        | ca. 2.300 x 1.500 mm              |
| Wight                  | ca. 1.100kg                       |
| Work area              | x 1.030mm<br>y 1.030mm<br>z 230mm |
| Size of Table          | 1.100mm x 1.100mm                 |
| High from work piece   | Ca. 245mm                         |
| Rapid motion           | 35m/min                           |
| Acceleration           | bis 1500m/s <sup>2</sup>          |
| Motor Type             | 400W 750W AC Servo 23bit          |
| Producer of Spindle    | TBI                               |
| Pitch of Spindle       | Ballscrew 10/20 mm                |
| Spindeltolerance       | c7, c5, c3, Linear Scale          |
| Diameter of Spindle    | 20mm                              |
| Display                | touch Display 21,5"               |
| Repeatability          | smaller as 0,01mm                 |
| Positioning resolution | 0,002mm                           |
| Spindle fog cooling    | after consultation<br>integrated  |
| Reference switch       | Induktiv                          |
| tool measurement       | Yes, at the Table                 |
| Tool-Changer           | 36 - 100                          |