

# FORTE 9.

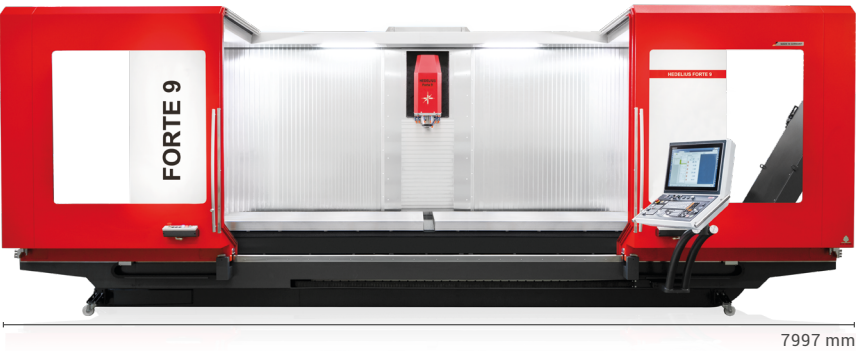
| Arbeitsbereich [working range]                                    | FORTE 9-2600                                                                   | FORTE 9-3600   | FORTE 9-4600   | FORTE 9-6200   |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|----------------|----------------|
| X-Achse [X-axis]                                                  | 2600 mm                                                                        | 3600 mm        | 4600 mm        | 6200 mm        |
| Y-Achse [Y-axis]                                                  | 900 mm                                                                         |                |                |                |
| Z-Achse [Z-axis]                                                  | 1005 mm                                                                        |                |                |                |
| Pendelbetrieb [pendulum operation]                                | 1025 x 1025 mm                                                                 | 1525 x 1525 mm | 2025 x 2025 mm | 2825 x 2825 mm |
| Hauptspindel [main spindle]                                       | Fräsen   Bohren   Gewinden [milling   drilling   thread cutting] (E335/St60-2) |                |                |                |
| SK40 / BT40   14.000 min <sup>-1</sup>   117 Nm   22 kW           | 400 cm³/min   Ø 40 mm   M 24                                                   |                |                |                |
| SK40 / BT40   14.000 min <sup>-1</sup>   185 Nm   37 kW           | 550 cm³/min   Ø 45 mm   M 27                                                   |                |                |                |
| SK40 / BT40 / HSK A63   18.000 min <sup>-1</sup>   136 Nm   35 kW | 450 cm³/min   Ø 40 mm   M 24                                                   |                |                |                |
| HSK A63   15.000 min <sup>-1</sup>   217 Nm   50 kW               | 600 cm³/min   Ø 50 mm   M 27                                                   |                |                |                |
| Arbeitstisch [worktable]                                          |                                                                                |                |                |                |
| Spindelabstand [spindle distance]                                 | 15-1020 mm                                                                     |                |                |                |
| Aufspannfläche gesamt [clamping area]                             | 3080 x 900 mm                                                                  | 4080 x 900 mm  | 5080 x 900 mm  | 6680 x 900 mm  |
| T-Nuten   Anzahl   Abstand [T-slots   number   distance]          | 18 mm   7   125 mm                                                             |                |                |                |
| Tischbelastung [table load]                                       | 3000 kg                                                                        | 4000 kg        | 5000 kg        | 6000 kg        |
| Vorschübe [feed rates]                                            |                                                                                |                |                |                |
| Stufenlos [infinitely variable] X, Y, Z                           | 40/40/40 m/min                                                                 |                |                |                |
| Vorschubkraft [power feed] max.                                   | 27000 N                                                                        |                |                |                |
| 3D-FORMINGSTAR®-Paket [package]                                   | optional                                                                       |                |                |                |
| Werkzeugmagazin [tool magazine]                                   |                                                                                |                |                |                |
| Theoretische Werkzeugkapazität [theoretical tool capacity]        | 60 / 130 / 175 / 240 / 324                                                     |                |                |                |
| Werkzeugdurchmesser [tool diameter] max.                          | 75 / 100 / 125* mm                                                             |                |                |                |
| Werkzeuglänge [tool length] max.                                  | 330 / 390 mm                                                                   |                |                |                |
| Werkzeuggewicht [tool weight]                                     | 5 kg**                                                                         |                |                |                |
| Span-zu-Span-Zeit [chip-to-chip time]                             | ca. 12 s***                                                                    |                |                |                |
| Genauigkeit [accuracy] (ISO 230-2) X, Y, Z                        |                                                                                |                |                |                |
| Positioniergenauigkeit [positioning accuracy]                     | A=6 µm/1000 mm                                                                 |                |                |                |
| Transport [transport]                                             |                                                                                |                |                |                |
| Gewicht Standard [weight standard]                                | 16500 kg                                                                       | 19500 kg       | 23000 kg       | 26500 kg       |
| Liefer-/Transporthöhe [delivery/transport height]                 | 2960 mm                                                                        |                |                |                |
| Liefer-/Transportbreite [delivery/transport width]                | 3650 / 3520 mm                                                                 |                |                |                |

\*Bei freien Nebenplätzen für 100/125 mm (optional) [with free adjoining areas for 100/125 mm (option)]  
 \*\*Andere Gewichte auf Anfrage [other weights on request] \*\*\*Bei vorgewähltem Folgewerkzeug [for pre-selected follow-on tools]

FORTE 9-2600



FORTE 9-3600



FORTE 9-4600



FORTE 9-6200

