



- The heavy cast-iron machine frame provides excellent rigidity and torsional strength, and is equipped with dual V-guides for cross travel and combined V-guides and boxways for linear motion
- A large work area and high table load capacity allow machining of larger, heavy workpieces with highest precision
- Superior quiet operation and low heat build-up ensure optimum work results in continuous operations
- C models feature manual grinding-wheel feeds

PLS model

- A PLC plus a servo-drive on Y axis simplify the input of grinding cycles for plane and slot grinding

Grinding Spindle

- The grinding spindle is large sized, dynamically balanced, completely sealed and permanently lubricated
- Preloaded precision bearings ensure maximum grinding performance and reliability for long production hours

Hydraulics

- The hydraulic linear table movement is infinitely variable, very constant, and ensures soft directional changes
- The external hydraulic unit with oil cooler unit ensures perfect temperature stability



The standard position indicator ensures high precision and production safety

Standard Equipment:

2-axis position indicator, grinding-wheel, grinding-wheel flange, coolant system, balancing shaft, LED work light, magnetic clamping plate, set screws, operating tools, operator manual

Options

Options	Part No.
Coolant and vacuum system	251 467
Magnetic coolant cleaning system (for 124 900 - 124 905)	251 468
Magnetic coolant cleaning system (for 124 906 - 124 908)	251 496

Specifications HFS B

		2550	3063	4080
Work area				
Part weight	kg	300	420	700
Spindle nose-to-table distance	mm	520	520	580
Table dimensions	mm	255 x 510	300 x 600	400 x 800
Scale ring division Y-axis	mm	0,005	0,005	0,005
Scale ring division Z-axis	mm	0,02	0,02	0,02
Automatic cross feed on Z-axis	mm	0,5 - 10	0,5 - 10	0,5 - 10
Automatic vertical feed on Y-axis (PLC model)	mm	0,005 - 0,05	0,005 - 0,05	0,005 - 0,05
Travels				
X / Y-axis travel	mm	560 / 280	660 / 340	850 / 440
Grinding wheel				
Grinding wheel dimensions	mm	200 x 25 x 32	355 x 40 x 127	355 x 40 x 127
Speed	min ⁻¹	2850	1450	1450
Feed				
Hydraulic X-axis feed	m/min	7 bis 25	7 bis 25	7 bis 25
Drive Capacities				
Main motor rating	kW	2,2	4	5,5
Hydraulic motor power	kW	1,5	1,5	2,2
Dimensions/Weight				
Dimensions	mm	1.960 x 1.560 x 2.140	2.150 x 1.940 x 2.195	2.720 x 2.155 x 2.195
Weight	kg	1.680	1.900	2.800
HFS B model				
Part No.		2550 C 124 900	3063 C 124 903	4080 C 124 906
HFS B model with automatic vertical feed				
Part No.		2550 PLC 124 902	3063 PLC 124 905	4080 PLC 124 908