



## Product technical data VF 4545

### Travels

X-axis [mm]	4.500
Y-axis [mm]	4.500
Z-axis [mm]	1.500

### Optional spindle / head

Type	F2F
Power (S1/100%) [kW]	25
Power (S6/40%) [kW]	32
Torque (S1/100%) [Nm]	194
Torque (S6/40%) [Nm]	239
Speed [1/min]	10.000
Tool holder	HSK - A100
Spindle tilting [°]	-2/+92
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	17.200
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	0,001

### Optional spindle / head

## Optional spindle / head

Type	F4F / F5F
Power (S1/100%) [kW]	40
Power (S6/40%) [kW]	52
Torque (S1/100%) [Nm]	350
Torque (S6/40%) [Nm]	468
Speed [1/min]	10.000
Tool holder	HSK - A100
Spindle tilting [°]	-50/+95
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	17.200
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	continuous / 0,001

## Optional spindle / head

Type	T30C
Power (S1/100%) [kW]	40
Power (S6/40%) [kW]	50
Torque (S1/100%) [Nm]	248
Torque (S6/40%) [Nm]	314
Speed [1/min]	12.000
Tool holder	HSK - A100
Reinforcement (tilting axes) [Nm]	8.000
Reinforcement (pivot axes) [Nm]	8.000
Positioning step [°]	continuous

## Optional spindle / head

Type	H3F
Power (S1/100%) [kW]	41
Torque (S1/100%) [Nm]	1000
Speed [1/min]	1.500
Tool holder	SK50 / HSK - A100
Spindle tilting [°]	-105/+105
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	6.000
Positioning step [°]	0,001

## Optional spindle / head

Type	U2C
Power (S6/40%) [kW]	40
Torque (S1/100%) [Nm]	1.000
Speed [1/min]	5.000
Tool holder	SK50/ HSK-A100
Spindle tilting [°]	-185/+185
Head rotation [°]	-185/+185
Reinforcement (tilting axes) [Nm]	3.000
Positioning step [°]	0,001

## Optional spindle / head

Type	T30C
Power (S1/100%) [kW]	40

## Optional spindle / head

Power (S6/40%) [kW]	50
Torque (S1/100%) [Nm]	248
Torque (S6/40%) [Nm]	314
Spindle tilting [°]	-110/+110
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	8.000
Reinforcement (pivot axes) [Nm]	6.500
Positioning step [°]	continuous

## Optional spindle / head

Type	T21C
Power (S1/100%) [kW]	42
Power (S6/40%) [kW]	33
Torque (S1/100%) [Nm]	67
Torque (S6/40%) [Nm]	84
Speed [1/min]	24.000
Tool holder	HSK - A63
Spindle tilting [°]	-100/+100
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	4.000
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	kontinuální

## Optional spindle / head

Type	T30C CSC
Power (S1/100%) [kW]	50
Power (S6/40%) [kW]	62
Torque (S1/100%) [Nm]	251
Torque (S6/40%) [Nm]	313
Speed [1/min]	20.000
Tool holder	HSK - A100
Spindle tilting [°]	-110/+110
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	8.000
Reinforcement (pivot axes) [Nm]	8.000
Positioning step [°]	continuous

## Optional spindle / head

Type	T21C CSC
Power (S1/100%) [kW]	29
Power (S6/40%) [kW]	38
Torque (S1/100%) [Nm]	69
Torque (S6/40%) [Nm]	91
Speed [1/min]	14.000
Tool holder	HSK-A100
Spindle tilting [°]	-110/+110
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	4.000



### Optional spindle / head

Tool holder	HSK-A63 / HSK-A100
Spindle tilting [°]	-180/+180
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	5.400
Reinforcement (pivot axes) [Nm]	5.400
Positioning step [°]	continuous

### Other

Clamping surface [mm]	5.000 x 4.800
Workpiece weight [kg/m <sup>2</sup> ]	7.000
Feed rate [mm/min]	40.000
Acceleration [m/s <sup>2</sup> ]	3
Machine weight [kg]	115.800