



## Product technical data VU 4535

### Travels

X-axis [mm]	4.500
Y-axis [mm]	3.500
Z-axis [mm]	1.500
Rotary table [°]	n x 360

### Optional spindle / head

Type	F2U
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
Reinforcement (tilting axes) [Nm]	17.200
Positioning step [°]	0,001

### Optional spindle / head

Type	T30U
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## Optional spindle / head

Power (S1/100%) [kW]	40
Power (S6/40%) [kW]	50
Torque (S1/100%) [Nm]	248
Torque (S6/40%) [Nm]	314
Speed [1/min]	14.000
Tool holder	HSK - A100
Spindle tilting [°]	-100/+100
Reinforcement (tilting axes) [Nm]	8.000
Positioning step [°]	kontinuální

## Optional spindle / head

Type	T30U 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
Reinforcement (tilting axes) [Nm]	8.000
Positioning step [°]	0,001

## Optional spindle / head

Type	F5U
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### Optional spindle / head

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
Reinforcement (tilting axes) [Nm]	17.200
Positioning step [°]	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]	14.000
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 [°]	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 [°]	kontinuální

## Optional spindle / head

Type	F4F
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

## Optional spindle / head

Reinforcement (pivot axes) [Nm]	15.000
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Positioning step [°] kontinuální

## Optional spindle / head

Type	T21C
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Power (S1/100%) [kW] 42

Power (S6/40%) [kW] 50

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] 4.000

Positioning step [°] kontinuální

## Optional spindle / head

Type	U2C
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Power (S1/100%) [kW] 33

Power (S6/40%) [kW] 40

Torque (S1/100%) [Nm] 1.000

Speed [1/min] 5.000

Tool holder SK50 / HSK-A100

### Optional spindle / head

Spindle tilting [°]	-185/+185
Head rotation [°]	-185/+185
Reinforcement (tilting axes) [Nm]	6.500
Reinforcement (pivot axes) [Nm]	3.000
Positioning step [°]	0,001

### Optional spindle / head

Type	T15C
Power (S1/100%) [kW]	42/50
Power (S6/40%) [kW]	50/65
Torque (S1/100%) [Nm]	67/96
Torque (S6/40%) [Nm]	84/124
Speed [1/min]	24.000/15.000
Tool holder	HSK-A63 / HSK - A100
Spindle tilting [°]	-115/+115
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	5.400
Reinforcement (pivot axes) [Nm]	6.120
Positioning step [°]	kontinuální

### Optional spindle / head

Type	U3C
Power (S1/100%) [kW]	42/63
Power (S6/40%) [kW]	50/76

### Optional spindle / head

Torque (S1/100%) [Nm]	67/200
Torque (S6/40%) [Nm]	84/242
Speed [1/min]	24.000 / 13.000
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 [°]	kontinuální

### Other

Clamping surface [mm]	3.500 x 3.500
Workpiece weight [kg]	25.000
Feed rate [mm/min]	40.000
Acceleration [m/s <sup>2</sup> ]	3
Machine weight [kg]	91.600