

DMG Lasertec 65 3D



Product code	89-001498
Manufacturer	DMG
Model	Lasertec 65 3D
Type	5-Axis machining center
Condition	Used machine
Control	Siemens 840Dsl - Operate
Year of manuf.	2016

Spindle

Technology	Motor spindle
Speed	18,000 rpm
Power	35 kW
Torque	111 Nm
Tool holder	HSK-A-63
Media feed-through	coolant + blast air
Movement X/Y/Z	735/650/560 mm

NC swivel rotary table

A-axis	+/- 120°
C-axis	360°
Speed	1,000 rpm
Clamping surface	680 mm
Table load	500 kg

Laser

Laser	Lasertec 65 3D
Laser type	Fiber-guided diode laser
Power	2,500 watts
Processing optics	Focusing lens with 200mm focal length
Processing nozzle	□ 3mm spot diameter
Cooling	Water-air cooling unit with 6kW
Windows	2x laser protection window (double window)

Equipment

Position measuring systems
Chip removal
Coolant supply
Workpiece measurement
Tool measurement
Emulsion mist separator
Kinematic measurement
Set-up mode

Directly in all axes
Chip conveyor
IKZ system, 40 bar
Infrared measuring probe
BLUM laser
Mechanical
3D quickSET
Electronic handwheel

