

OKUMA MILLING MACHINE - EX STOCK GERMANY

<u>Machine model</u>	<u>GENOS M660-V-e</u>
X-axis travel	1,500
Y-axis travel	660
Z-axis travel	660
Table dimension	1530 X 660
SPINDLE RPM	BT-50, 12000
COOLANT THRU SPINDLE	15 BARS

 **OKUMA**
GENOS M series
GENOS M660-V-e



CNC ADVANCETECH FZC

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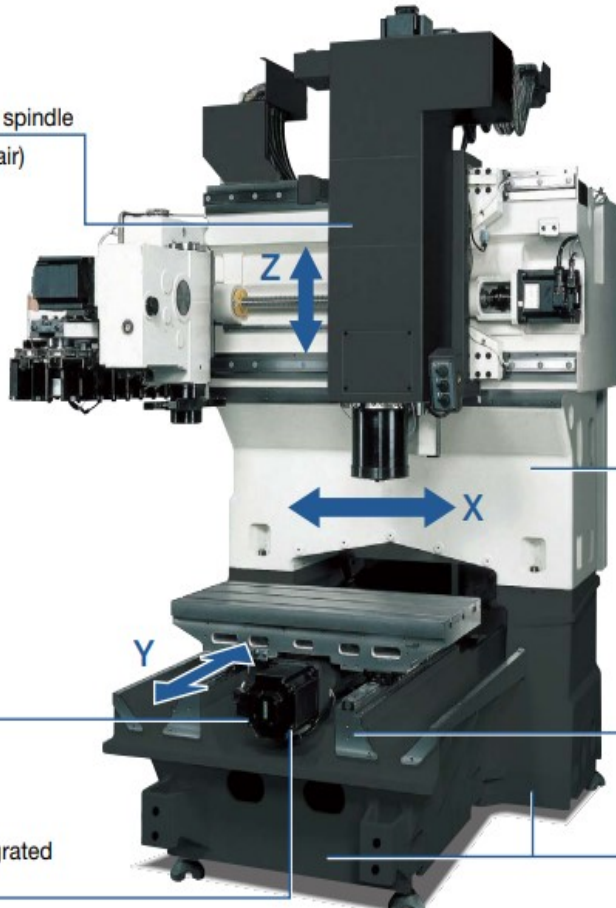
OKUMA EUROPE GMBH

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Highly rigid construction for productivity that exceeds expectations

Fast, powerful, long-life spindle
(bearing lubrication: oil air)



Highly rigid double-column construction

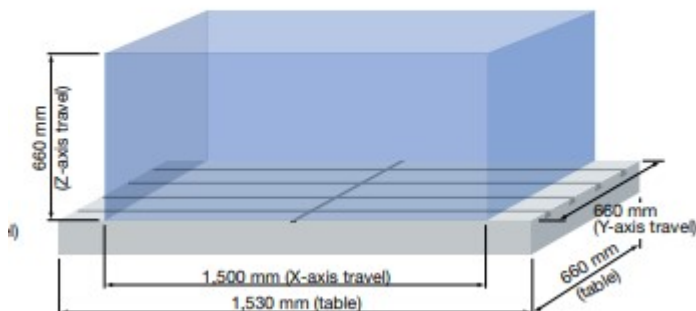
Zero alignment drive / center drive

Tough vertical ribs directly below linear ball guides

Ball screw bracket integrated in machine

"X" diagonal rib casting

GENOS M660-V-e



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MACHINE SPECIFICATIONS:

	Item	Unit	GENOS M660-V (No.50)
Travel	X-axis (ram saddle right/left)	mm	1,500
	Y-axis (Table front/back)	mm	660
	Z-axis (Spindlehead up/down)	mm	660
	Distance from table top to spindle nose	mm	150 to 810
Table	Size	mm	1,530 × 660
	Distance from floor to table top	mm	850
	Max load capacity	kg	1,500
Spindle	Speed	min ⁻¹	12,000
	Speed ranges		Infinitely variable
	Tapered bore		7/24 Taper No.50
	Bearing dia	mm	ø90
Feed-rate	Rapid traverse	m/min	X·Y: 40, Z: 32
	Cutting feedrate	mm/min	X·Y·Z: 32,000
Motors	Spindle drive (10 min/cont)	kW	26/18.5
	Feed axes	kW	X, Y, Z: 4.6
ATC	Tool shank		MAS BT.50
	Pull stud		MAS 2
	Tool storage capacity	tools	32,
	Max tool dia (with adjacent tools)	mm	ø100
	Max tool dia (without adjacent tools)	mm	ø152
	Max tool length	mm	400
	Max tool mass	kg	12
	Max tool mass moment	N·m	15.3 [19.1] [12kg × 130 mm]
	Tool selection		Memory random
Machine specs	Machine height	mm	3,295
	Floor space (width × depth)	mm	3,035 × 3,325
	Machine mass	kg	12,200



OPEN POSSIBILITIES

STANDARD SPECIFICATIONS : GENOS M660-V-e

1.	OKUMA Vertical Machining Center Model GENOS M660-V-e with OSP-P300MA-e (15 inch OSP suite) and European Standard Accessories	1	set
1-1.	Main spindle motor VAC22/18.5 kW (10 min./cont.)	1	set
1-2.	Main spindle NT40 (dia. 70mm)	1	set
1-3.	Main spindle speed, 50 - 15,000min ⁻¹ , Max Torque : 199N-m	1	set
1-4.	Rapid traverse speed: 40m/min. in X / Y-axis and 32m/min. in Z-axis	1	set
1-5.	Cutting feedrate: max. 32m/min.	1	set
1-6.	Tool unclamp package	1	set
1-7.	Coolant supply system, 468L (Effective 273L) tank and 0.39kW pump motor	1	set
1-8.	Shower coolant supply	1	set
1-9.	ATC air blower	1	set
1-10.	ATC specification: MAS BT40 + JIS Special pull stud	1	set
1-11.	Chip air blower, nozzle type	1	set
1-12.	Coil type chip conveyor, 0.1kw x 2pcs	1	set
1-13.	Status indicator lamp, 2-layer type (Blue: Operation end lamp / Yellow: Alarm lamp)	1	set
1-14.	Foundation washers	1	set
1-15.	32-tool ATC	1	set
1-16.	Totally enclosed guard (CE mark application)	1	set
1-17.	Through-the-spindle coolant supply system, middle pressure 1.5MPa / 20L/min / BT40 (Pullstud bolt std.: JIS)	1	set
1-18.	Pre-arr. for Chip conveyor M-A type	1	set
1-19.	Chip pan	1	set
1-20.	Spindle head cooling with oil controller	1	set
1-21.	CE-mark / EMC	1	set
1-22.	IEC regulation	1	set
1-23.	Grease auto supply spec (X, Y,Z-axis ball screw lubrication)	1	set
1-24.	No grid on front door window	1	set
1-25.	OSP-P300MA-e CNC Controller with 15" colour display, XGA panel	1	set
1-26.	OSP-P300MA-e 3D-E kit specifications	1	set

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(1)	*Auto program schedule update	(1	set)
(2)	*Work coordinate system selection, 100 sets	(1	set)
(3)	*Helical cutting function	(1	set)
(4)	*Synchronized tapping II	(1	set)
(5)	*Arbitrary angle chamfering	(1	set)
(6)	*Programmable travel limit	(1	set)
(7)	*Interactive MAP function (I-MAP)	(1	set)
(8)	*3D simulation function	(1	set)
(9)	*Simple load monitor	(1	set)
(10)	*NC operation monitor	(1	set)
(11)	*Tool life management function	(1	set)
(12)	*Manual gauging function (sensor excluded)	(1	set)
(13)	*Auto power shutoff function	(1	set)
(14)	*Cycle time reduction function	(1	set)
(15)	*Sequence stop	(1	set)
1-27.	Thermo Active dimension Stabilizer-Spindle (TAS-S)	1	set
1-28.	Thermo Active dimension Stabilizer-Construction (TAS-C)	1	set
1-29.	Electrical Power Source Application to suite local power source at each countries (CE transformer)	1	set