MEYERSEIKO

We do the best that you need

Meyer Seiko

Your Own Factory in China

Notice:Meyer Seiko policy prohibits these products being used for the development or production use or stockpiling of weapons of mass destruction. (nuclear weapons ,biological weapons ,chemical weapons or missiles)

- ***According to the content of catalogue, please contact with Meyer Seiko agency or service center if you have any question.***
- ***The content of catalogue start and valid from Oct 2024, it will not notice separately if any design change of Specification.***
- ***Meyer Seiko has final explanation if the content of catalogue and machine have any difference.***

MEYERSEIKO

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12-2024/100 05-05SE/B MEYER SEIKO 00-1998

CE EAC

MEYERSEIKO

Rich accumulation of OEM/ODM experience -- Made by MEYER SEIKO

YOUR FUTURE MILL TURN FROM HERE

www.meyerseiko.com | www.gantrymachinecenter.com

COMPANY PROFILE & PRODUCTS LINE-UP

Version No.:E-TZM2024-10B/M

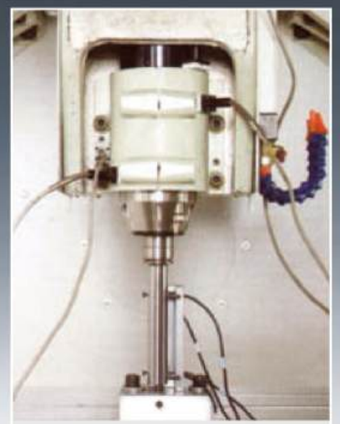
INTERNATIONALLY RECOGNIZED MACHINE TOOLS FROM MEYER SEIKO

From its beginnings, Meyer Seiko has been one of the top machine tool manufactures in the world. Meyer Seiko manufactures a wide range of CNC machine tools. Meyer Seiko's machines are built to deliver high speed with more accuracy, efficiency and durability with more standard features, high-tech innovations and solid engineering. Every Meyer Seiko machine is designed to provide more flexibility and productivity, making it the soundest investment you will ever consider.

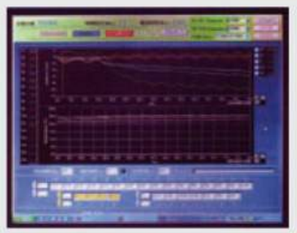
Test

LASER INSPECTION

DYNAMIC BALL BAR TESTING



INSPECTING PARALLELISM OF BALL SCREW STRAIGHTNESS



SPINDLE THERMAL EXTENSION TESTING

INSPECTING STRAIGHTNESS OF LINEAR GUIDE WAY

SPINDLE DYNAMIC BALANCE TESTING

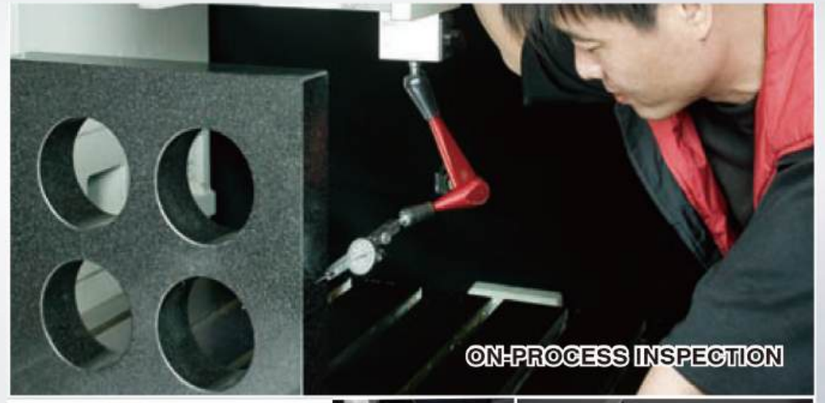
MEYERSEIKO

Extensive Quality Control

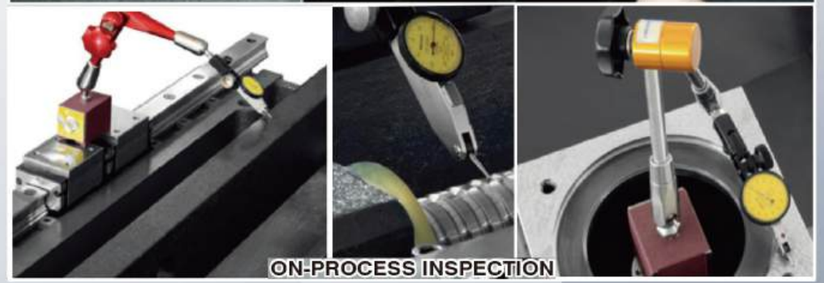
Each machine from Meyer Seiko is subjected to rigorous quality inspections during assembly and before shipment. If it does not measure up to our standards, it does not leave our factory. Our objective is to ensure that each machine will provide the optimum performance and fully satisfy customers.

NASA TEST FOR MACHINE AND CONTROL ACCURACY

Quality



ON-PROCESS INSPECTION



ON-PROCESS INSPECTION

CNC Vertical Machining Center

MEYERSEIKO

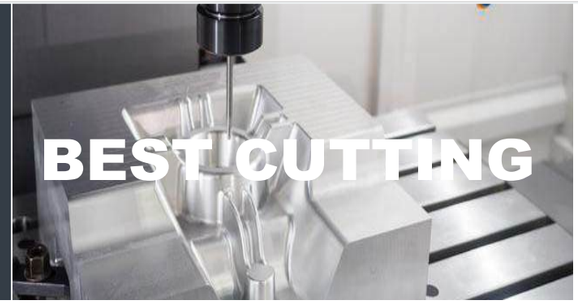
VMC Series CNC Machine Center

Roller Linear Guiderails (Y Axis 2 Rails)

Extra Wide Linear Way !

VMC SERIES

Linear Guide Rails Vertical Machine Center



High Rigidity & Rapid Feedrate

- High strength and advanced cast iron structure, large vertical column, wide guide rail spacing.the worktable has no suspension phenomena, The machine integral rigidity is very good.
- Each axis adopt high power AC servo motor, provides the strong axial thrust with rapid feedrate, Meet the demands of high-speed processing.
- The bottom of the column is the "A" type reinforcement structure design.
- In the Column, it is equipped with a moving rails guide to avod shaking when the balance block moves up and down, or choose large power Z axis motor with brake, So as not to affect the processing quality.
- The Y-axis motor is designed in the rear,to facilitate the maintenance.

Items		Unit	VMC855	VMC1160	VMC1275	VMC1370	VMC1380	VMC1470
Worktable	Table Size	mm	1000×550	1200×600	1300×700	1400×700	1400×800	1500×700
	Max. Loading	KG	500	600	800	900	950	1000
Travel	XYZ Axis Travel	mm	800/550/550	1100/600/600	1200/750/600	1300/700/700	1300/800/700	1400/700/700
	Distance from Spindle nose to Table	mm	140~690	120~720	120~720	150~850	150~850	100~800
Spindle	Spindle Taper	-	BT40	BT40	BT40	BT40	BT40	BT40
	Max.Spindle Speed	rpm	8000	8000	8000	8000	8000	8000
	Spindle Motor Power	KW	7.5/11	11/15	11/15	11/15	11/15	11/15
Feedrate	Rapid Feedrate(X/Y/Z)	m/min	30/30/30	30/30/30	30/30/30	20/20/15	20/20/15	20/20/15
	Cutting Feedrate(X/Y/Z)	m/min	10	10	10	10	10	10
ATC	ATC Capacity	pcs	24	24	24	24	24	24
	Max. Tools Size (dia. / length)	mm	Φ80/300	Φ80/300	Φ80/300	Φ80/300	Φ80/300	Φ80/300
	Max.Tool Weight	KG	8	8	8	8	8	8
Accuracy	Positioning Accuracy	mm	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300
	Re-Positioning Accuracy	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Others	Air Pressure Requested	kg/c ㎡	5~7	5~7	5~7	5~7	5~7	5~7
	Air Pressure Flux Rate	m^3/min	≥0.3	≥0.3	≥0.3	≥0.3	≥0.3	≥0.3
	G.W. (approx.)	KG	5500	6000	7200	8000	8500	10000
	CNC Controller	-	FANUC	FANUC	FANUC	FANUC	FANUC	FANUC

Standard Configuration

- ☑ Fully enclosed splash guard
- ☑ Arm type 24T tool magazine
- ☑ BT40 8000rpm Belt drive spindle
- ☑ Data transfer interface
- ☑ Manual pulse generator (MPG)
- ☑ X/Y/Z axis roller guideway
- ☑ X/Y/Z axis servo motor
- ☑ Cutting coolant system
- ☑ Adjustment level bolts and pads
- ☑ Heat exchanger for electrical cabinet
- ☑ FANUC-0i MF PLUS CNC Controller
- ☑ Transformer
- ☑ Cutting air blowing
- ☑ Spindle oil cooler
- ☑ LED Working light
- ☑ Tri-color alarm light
- ☑ X/Y/Z axis ball screw
- ☑ Operating door
- ☑ Chip flushing system
- ☑ Basic tool box
- ☑ Automatic lubrication system
- ☑ Operating Manual

Optional Configuration

- ☐ Spindle 10000/12000rpm
- ☐ Coolant Through Spindle (CTS)
- ☐ Screw type Chip Conveyor
- ☐ Chain type Chip Conveyor
- ☐ Linear Scales
- ☐ Oil-water separator
- ☐ 4th axis/5th axis
- ☐ 30/32T tool magazine
- ☐ Tool Probe
- ☐ Workpiece Probe
- ☐ Siemens/Mitsubishi/SYNTEC Controller

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CNC Vertical Machining Center

MEYERSEIKO

VMC Series CNC Machine Center

Roller Linear Guiderails (Y Axis 4 Rails)

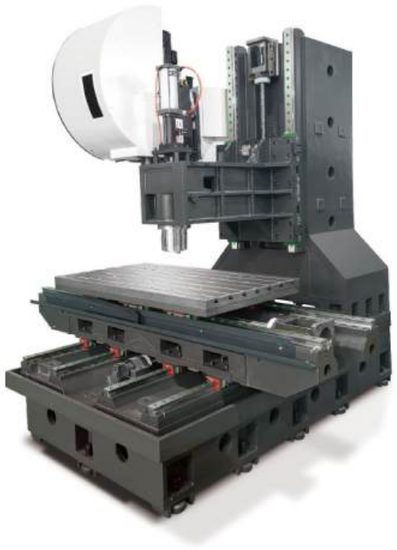
A New Level of Heavy Cutting !

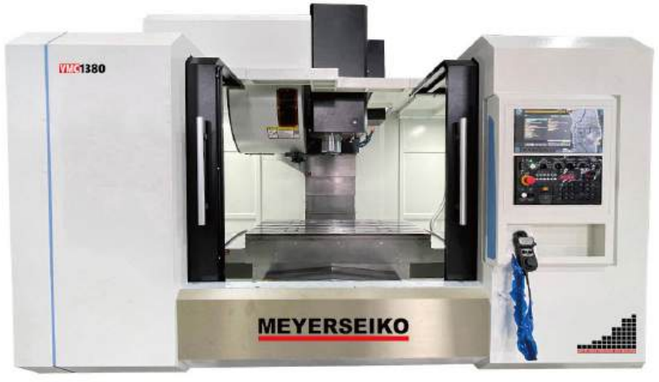
VMC SERIES

Linear Guide Rails Vertical Machine Center

Best High Rigidity

- High strength and advanced cast iron structure, large vertical column, wide guide rail spacing, the worktable has no suspension phenomena, The machine integral rigidity is very good. High precision roller type linear guideways [high rigidity box guideways with plastics sticking TURCITE B) are optional], can be heavy load milling machining.
- Each axis adopt high power AC servo motor, provides the strong axial thrust, the stability of the heavy cutting characteristics and high axial clamping torque when no feeding, to ensure that each axis is absolutely stable at any status.
- The bottom of the column is the "A" type reinforcement structure design.
- In the Column, it is equipped with a moving rails guide to avod shaking when the balance block moves up and down,or choose large power Z axis motor with brake, So as not to affect the processing quality.
- The Y-axis motor is designed in the rear,to facilitate the maintenance.





Items		Unit	VMC1370	VMC1380	VMC1580	VMC1680	VMC1890	VMC2090
Worktable	Table Size	mm	1400×700	1400×700	1700×800	1700×800	1900×900	2200×1000
	Max. Loading	KG	1000	1000	1500	1800	3000	5000
Travel	XYZ Axis Travel	mm	1300/700/700	1300/800/700	1500/800/750	1600/800/750	1800/900/750	2000/900/1000
	Distance from Spindle nose to Table	mm	150~850	150~850	130~880	130~880	130~880	200~1200
Spindle	Spindle Taper	-	BT50	BT50	BT50	BT50	BT50	BT50
	Max.Spindle Speed	rpm	6000	6000	6000	6000	6000	6000
	Spindle Motor Power	KW	11/15	11/15	15/18.5	15/18.5	15/18.5	15/18.5
Feedrate	Rapid Feedrate(X/Y/Z)	m/min	15	15	12	12	12	12
	Cutting Feedrate(X/Y/Z)	m/min	10	10	6	6	6	6
ATC	ATC Capacity	pcs	24	24	24	24	24	24
	Max. Tools Size (dia. / length)	mm	Φ150/300	Φ150/300	Φ150/300	Φ150/300	Φ150/300	Φ150/300
	Max.Tool Weight	KG	15	15	15	15	15	15
Accuracy	Positioning Accuracy	mm	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300
	Re-Positioning Accuracy	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Others	Air Pressure Requested	kg/c ㎡	5~7	5~7	5~7	5~7	5~7	5~7
	Air Pressure Flux Rate	m^3/min	≥0.3	≥0.3	≥0.3	≥0.3	≥0.3	≥0.3
	G.W. (approx.)	KG	9000	10000	11500	12000	14200	16000
	CNC Controller	-	FANUC	FANUC	FANUC	FANUC	FANUC	FANUC

Standard Configuration

- ☑ Fully enclosed splash guard
- ☑ Arm type 24T tool magazine
- ☑ BT50 6000rpm Belt drive spindle
- ☑ Data transfer interface
- ☑ Manual pulse generator (MPG)
- ☑ X/Y/Z axis roller guideway
- ☑ X/Y/Z axis servo motor
- ☑ Cutting coolant system
- ☑ Adjustment level bolts and pads
- ☑ Heat exchanger for electrical cabinet
- ☑ FANUC-0i MF PLUS CNC Controller
- ☑ Transformer
- ☑ Cutting air blowing
- ☑ Spindle oil cooler
- ☑ LED Working light
- ☑ Tri-color alarm light
- ☑ X/Y/Z axis ball screw
- ☑ Operating door
- ☑ Chip flushing system
- ☑ Basic tool box
- ☑ Automatic lubrication system
- ☑ Operating Manual

Optional Configuration

- ☐ BT40 8000~12000rpm
- ☐ Coolant Through Spindle (CTS)
- ☐ Screw type Chip Conveyor
- ☐ Chain type Chip Conveyor
- ☐ Linear Scales
- ☐ Oil-water separator
- ☐ 4th axis/5th axis
- ☐ 32/40T tool magazine
- ☐ Tool Probe
- ☐ Workpiece Probe
- ☐ Siemens/Mitsubishi Controller
- ☐ Full Gear Gearbox
- ☐ ZF/BF Gearbox
- ☐ 3 Axis Box rails
- ☐ XY Linear rails, Z box rails
- ☐ Oil mist collector
- ☐ GSK Controller
- ☐ SYNTEC/LNC Controller
- ☐ Heidenhain Controller

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CNC TAPPING CENTER

MEYERSEIKO

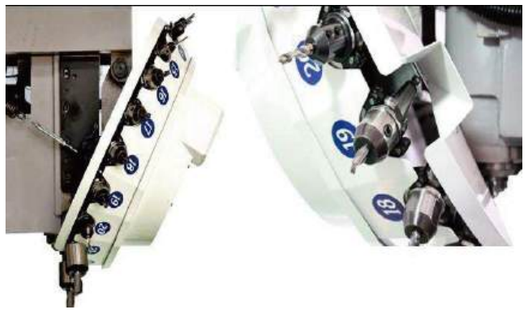
TP Series CNC Drilling & Tapping Center

High Speed Drilling Tapping Center

The Best Choice of Fast Cutting !

Machine Feature

- Machine Body,Column,Spindle Box and all parts through the finite element optimization analysis,to reach the optimal dynamic performance and high rigidity.
- Adopts 20000rpm direct drive Spindle,can provide high speed and high precision performance.
- 3 axis adopts Linear Rails and High Speed Ballscrew,So the rapid feed can be reach 48m/min,Can provide high dynamic accuracy and high speed cutting feed performance.
- Auto.Tool Changer System,Simple structure and stable,High Reliability,Can realize high speed tool change.



Items		Unit	TP600	TP700	TP1000
Worktable	Table Size	mm	700×420	900×420	1100×500
	Max. Loading	KG	250	300	400
Travel	XYZ Axis Travel	mm	600/400/330	700/500/330	1000/500/330
	Distance from Spindle nose to Table	mm	150~480	150~480	150~480
Spindle	Spindle Taper	-	BT30	BT30	BT30
	Max.Spindle Speed	rpm	20000	20000	20000
	Spindle Motor Power	KW	3.7~5.5	3.7~5.5	3.7~5.5
Feedrate	Rapid Feedrate(X/Y/Z)	m/min	48/48/48	48/48/48	48/48/48
	Cutting Feedrate(X/Y/Z)	m/min	10	10	10
ATC	ATC Capacity	pcs	21	16	16
	Max. Tools Size (dia. / length)	mm	Φ60/250	Φ60/250	Φ60/250
	Max.Tool Weight	KG	3	3	3
Accuracy	Positioning Accuracy	mm	±0.006/300	±0.006/300	±0.006/300
	Re-Positioning Accuracy	mm	±0.003	±0.003	±0.003
Others	Air Pressure Requested	kg/c㎡	5~7	5~7	5~7
	Air Pressure Flux Rate	m^3/min	≥0.3	≥0.3	≥0.3
	G.W. (approx.)	KG	2600	2800	3800
	CNC Controller	-	FANUC	FANUC	FANUC

Standard Configuration

- ☑ Fully enclosed splash guard
- ☑ Front type 21T tool magazine
- ☑ BT30 20000rpm spindle
- ☑ Data transfer interface
- ☑ Manual pulse generator (MPG)
- ☑ X/Y/Z axis Linear guideway
- ☑ X/Y/Z axis ball screw
- ☑ X/Y/Z axis servo motor
- ☑ Cutting coolant system
- ☑ Adjustment level bolts and pads
- ☑ Heat exchanger for electrical cabinet
- ☑ FANUC-0i MF PLUS CNC Controller
- ☑ Transformer
- ☑ Cutting air blowing
- ☑ Spindle oil cooler
- ☑ LED Working light
- ☑ Tri-color alarm light
- ☑ Operating door
- ☑ Chip flushing system
- ☑ Automatic lubrication system
- ☑ Basic tool box
- ☑ Operating Manual

Optional Configuration

- ☐ Screw type Chip Conveyor
- ☐ Chain type Chip Conveyor
- ☐ Linear Scales
- ☐ Oil-water separator
- ☐ Oil mist collector
- ☐ 4th axis/5th axis
- ☐ 14/21T tool magazine
- ☐ Tool Probe
- ☐ Workpiece Probe
- ☐ GSK/SYNTEC/LNC Controller
- ☐ Siemens/Mitsubishi Controller

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Horizontal Machine Center

MEYERSEIKO

HMC Series CNC Horizontal Machine Center

High Rigidity HMC

Machine Feature

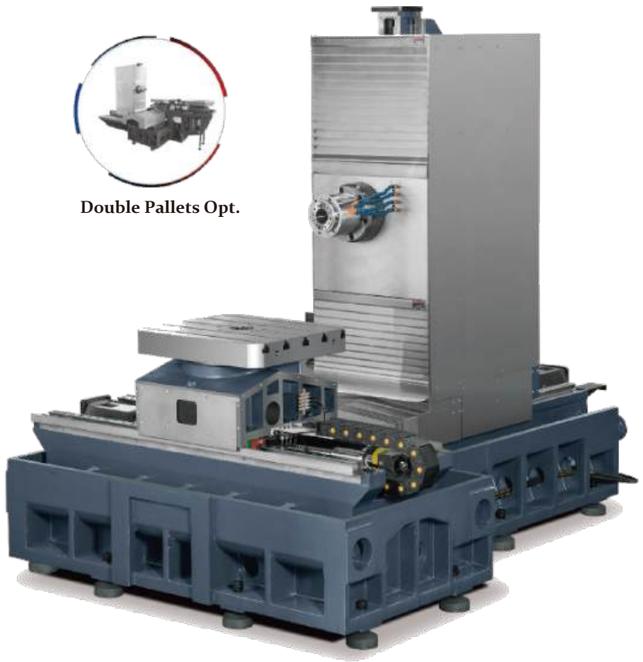
- HMC series is the equipment tremendously improve processing of high speed high efficiency and high precision;
- Spindle high rigidity, can high speed runing, low thermal expansion system;
- Spindle gear box optional, improve processing torque and cutting ability;
- Automatic exchange worktable,easy and stable change way, to ensure reliable exchange action;
- XYZ 3 axis adopts high rigidity, high precision roller type guide rails, high precision, long life.

Single /Double Pallets

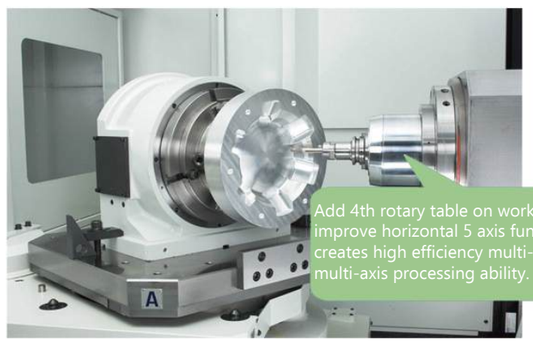
Machine Body

- This Dynamic column machine design by high tensile cast iron structure, base, column,saddle and spindle head using stress analysis software, strengthen analysis rigidity of each point , and strengthen internal rigidity of each frame connection area, insisted on the machine to maintain stability and high precision requirements during machine under high speed processing, in order to ensure high rigidity and stability, all axis guide rails full support design, wide spacing, all axis increase speed in stability, shorten working cycle,column move back and forth with fast speed, Accurate positioning and processing, enhance the user processing efficiency, worktable X axial movement, Accurate positioning and processing, optimization of rigidity, ensure the accuracy, spindle box up and down movement, strengthen spindle rigidity, can heavy cutting, improve process capability.

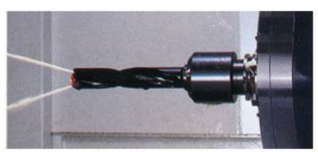
Double Pallets Opt.



Realize 5 axis and 5 faces horizontal processing



Spindle Ring Spray



CTS

Machine Inside Spray Device

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Horizontal Machine Center

Items	Unit	HMC630	HMC630D	HMC800	HMC800D	HMC1000	HMC650T	HMC650DT	HMC800T	HMC800DT
Travel										
X Axis Travel	mm	1050	1050	1600	1600	1800	1100	1100	1200	1200
Y Axis Travel	mm	750	750	1050	1050	800	900	900	900	900
Z Axis Travel	mm	900	900	1200	1200	800	1100	1100	1000	1000
Spindle										
Sp.Center to Table Surface	mm	0~750	0~750	50~1100	50~1100	120~1120	80~980	80~980	100~1000	100~1000
Sp.nose to Table Center	mm	150~1050	150~1050	200~1400	200~1400	200~1200	100~1200	100~1200	180~1180	180~1180
Spindle Taper	-	BT50	BT50	BT50	BT50	BT50	BT50	BT50	BT50	BT50
Max.Spindle Speed	rpm	6000	6000	6000	6000	6000	6000	6000	6000	6000
Spindle Power	KW	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5	22/26	22/26	22/26
Max.Spindle Torque	N.m	143(×4)	143(×4)	143(×4)	143(×4)	143(×4)	143(×4)	286(×4)	286(×4)	286(×4)
Rotary Worktable (B Axis)										
Worktable Size	mm	630×700	630×700	800×800	800×800	1000×1000	650×650	650×650	800×800	800×800
Worktable No.	-	1	2	1	2	1	1	2	1	2
Worktable Indexing	deg	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360	1°(0.001°)×360
T-Slot	mm	5-22×125	5-22×125	5-22×160	5-22×160	5-22×200	-	-	5-18×147.5	5-18×147.5
Max.Loading on Table	KG	1000	1000	1500	1500	1800	1200	1200	1400	1400
Feedrate										
Rapid Feedrate	m/min	24/24/24	24/24/24	24/24/24	24/24/24	24/24/24	36/36/36	36/36/36	36/36/36	36/36/36
Cutting Feedrate	mm/min	1~7000	1~7000	1~7000	1~7000	1~7000	1~10000	1~10000	1~10000	1~10000
ATC (Tool Magazine)										
ATC Capacity	T	24(30/40/60)	24(30/40/60)	24(30/40/60)	24(30/40/60)	24(30/40/60)	24(30/40/60)	24(30/40/60)	24(30/40/60)	24(30/40/60)
Max.Tool Length	mm	450	450	450	450	450	450	450	450	450
Max.Tool Dia.(Full/Empty)	mm	110/200	110/200	110/200	110/200	110/200	110/200	110/200	110/200	110/200
Max.Tool Weight	KG	15	15	15	15	15	15	15	15	15
Accuracy										
Positioning Accuracy	mm	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300
Repeat Accuracy	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Others										
Air Pressure Required	Kgf/c㎡	5~7	5~7	5~7	5~7	5~7	5~7	5~7	5~7	5~7
FootPrint	mm	5400×3200	6700×3200	5900×4300	7500×4300	6100×4400	5400×3200	6900×3200	6100×4300	7600×4300
Machine Height	mm	3200	3200	4000	4000	4000	3200	3200	4300	4300
Machine Weight	KG	11500	13500	15500	17500	16000	14000	16500	16000	18500
CNC Controller	-	FANUC-0i MF PLUS (Siemens/Syntec Opt.)								

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MEYERSEIKO

HMC Series CNC Horizontal Machine Center

Standard Configuration

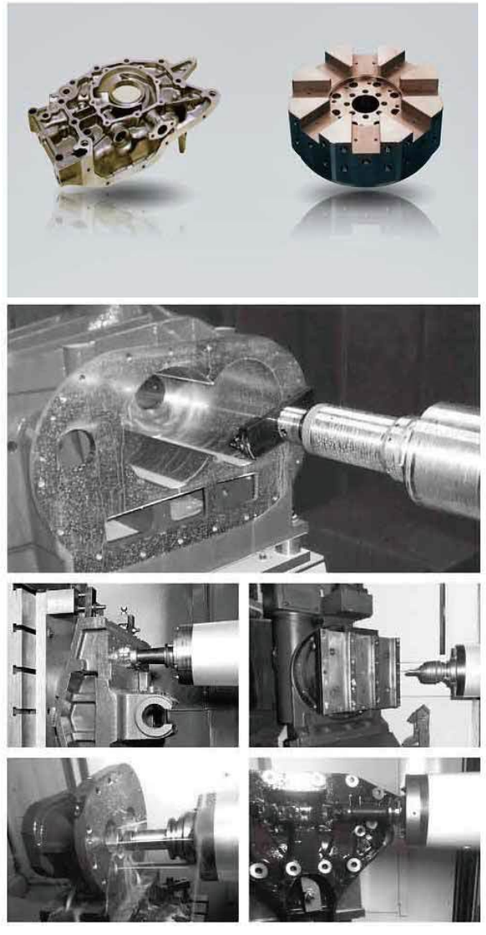
- ☑ Outer protective cover
- ☑ BT50-24T tool magazine
- ☑ BT50 6000rpm spindle
- ☑ Data transfer interface
- ☑ Manual pulse generator (MPG)
- ☑ X/Y/Z axis roller guideway
- ☑ X/Y/Z axis servo motor
- ☑ Cutting coolant system
- ☑ Adjustment level bolts and pads
- ☑ Heat exchanger for electrical cabinet
- ☑ FANUC-0i MF PLUS CNC Controller
- ☑ Worktable 1° indexing
- ☑ Cutting air blowing
- ☑ Spindle oil cooler
- ☑ LED Working light
- ☑ Tri-color alarm light
- ☑ X/Y/Z axis ball screw
- ☑ Operating door
- ☑ Chip Conveyor
- ☑ Basic tool box
- ☑ Automatic lubrication system
- ☑ Operating Manual

Optional Configuration

- ☐ Spindle Gearbox
- ☐ Coolant Through Spindle (CTS)
- ☐ Worktable 0.001° indexing
- ☐ AC for electrical cabinet
- ☐ Linear Scales
- ☐ Oil-water separator
- ☐ 4th axis table
- ☐ 30/40/60T tool magazine
- ☐ Tool Probe
- ☐ Workpiece Probe
- ☐ Siemens/Mitsubishi/SYNTEC Controller

Applications

✚ Meyer Seiko's machines can be widely used to process valves, machine body,tool turret,crankcase,cylinder cover,auto parts, camera mold(cavity),different type shells and other parts.



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PM Series

High Performance Gantry Machine Center

Machine Feature

+ Guideways

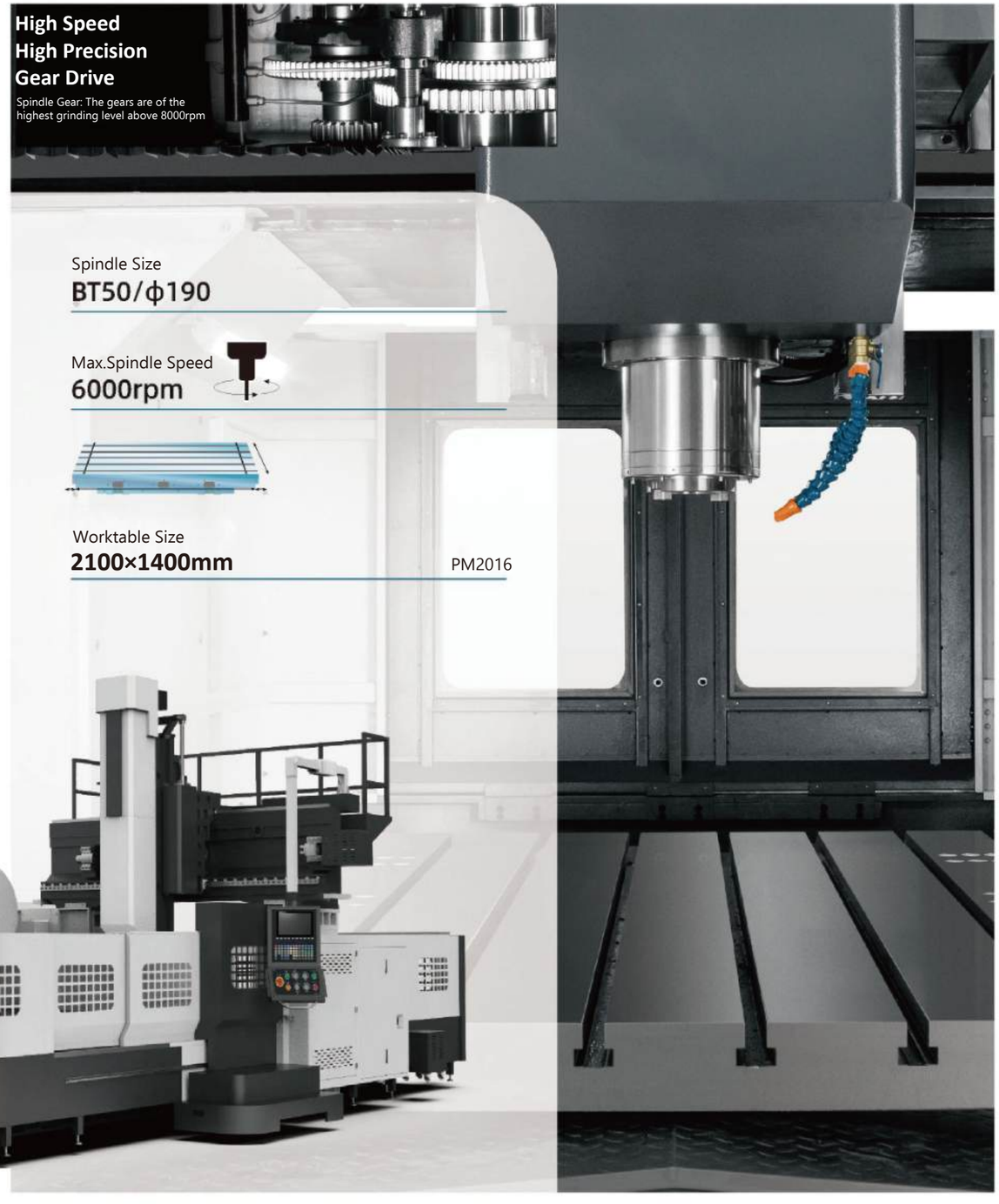
The full series of X/Y/Z axis adopts high rigidity roller type linear guidways, and the axial system combines features such as heavy load and fast movement.

+ Scraping Process

All key contact surfaces undergo rigorous manual scraping techniques to eusure ultimate accuracy and balanced load.

+ Spindle

Modular spindle design can be configured with gear type or direct connected spindle to meet the machining needs of precision molds or parts.



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Gantry Machining Center

MEYERSEIKO

PM Series Double Column Machine Center

Items		Unit	PM1614	PM2016	PM2518	PM3220	PM4220	PM5220
Worktable	Table Size	mm	1700×1200	2100×1400	2700×1600	3000×1800	4000×1800	5000×1800
	Max. Loading	KG	2500	4000	5000	6000	9000	10000
Travel	XYZ Axis Travel	mm	1600/1400/800	2000/1600/800	2500/1800/800	3200/2000/1000	4200/2000/1000	5200/2000/1000
	Distance from Spindle nose to Table	mm	150~950	200~1000	200~1000	180~1180	180~1180	180~1180
Spindle	Spindle Taper	-	BT50	BT50	BT50	BT50	BT50	BT50
	Max.Spindle Speed	rpm	6000	6000	6000	6000	6000	6000
	Spindle Motor Power	KW	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5	15/18.5
Feedrate	Rapid Feedrate(X/Y/Z)	m/min	10	10	10	10	10	10
	Cutting Feedrate(X/Y/Z)	m/min	6	6	6	6	6	6
ATC	ATC Capacity	pcs	24(40/60/90)	24(40/60/90)	24(40/60/90)	24(40/60/90)	24(40/60/90)	24(40/60/90)
	Max. Tools Length	mm	350	350	350	350	350	350
	Max.Tool Weight	KG	15	15	15	15	15	15
Accuracy	Positioning Accuracy	mm	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300	±0.006/300
	Re-Positioning Accuracy	mm	±0.003	±0.003	±0.003	±0.003	±0.003	±0.003
Others	Air Pressure Requested	kg/c ㎡	5~7	5~7	5~7	5~7	5~7	5~7
	Air Pressure Flux Rate	m^3/min	≥0.3	≥0.3	≥0.3	≥0.3	≥0.3	≥0.3
	G.W. (approx.)	KG	16000	19000	22000	31000	37000	43000
	CNC Controller	-	FANUC	FANUC	FANUC	FANUC	FANUC	FANUC

Standard Configuration

- ☑ Fully enclosed splash guard
- ☑ Arm type 24T tool magazine
- ☑ BT50 6000rpm Belt drive spindle
- ☑ Data transfer interface
- ☑ Manual pulse generator (MPG)
- ☑ X/Y/Z axis roller guideway
- ☑ X/Y/Z axis servo motor
- ☑ Cutting coolant system
- ☑ Adjustment level bolts and pads
- ☑ AC for electrical cabinet
- ☑ FANUC-0i MF PLUS CNC Controller
- ☑ Transformer
- ☑ Cutting air blowing
- ☑ Spindle oil cooler
- ☑ LED Working light
- ☑ Tri-color alarm light
- ☑ X/Y/Z axis ball screw
- ☑ Operating door
- ☑ Double ScrewsChip Conveyor
- ☑ Basic tool box
- ☑ Automatic lubrication system
- ☑ Operating Manual

Optional Configuration

- ☐ BT40/HSK A63 Spindle
- ☐ BT50 8000rpm Spindle
- ☐ Coolant Through Spindle (CTS)
- ☐ Chain type Chip Conveyor
- ☐ Linear Scales
- ☐ Oil-water separator
- ☐ 4th axis/5th axis
- ☐ 32/40/60T tool magazine
- ☐ Tool Probe
- ☐ Workpiece Probe
- ☐ Siemens/Mitsubishi Controller
- ☐ Full Gear Gearbox
- ☐ ZF/BF Gearbox
- ☐ 3 Axis Box rails
- ☐ XY Linear rails, Z box rails
- ☐ Oil mist collector
- ☐ GSK Controller
- ☐ SYNTEC/LNC Controller
- ☐ Heidenhain Controller

Meyer Seiko 5 Faces/5 Axis CNC Machine



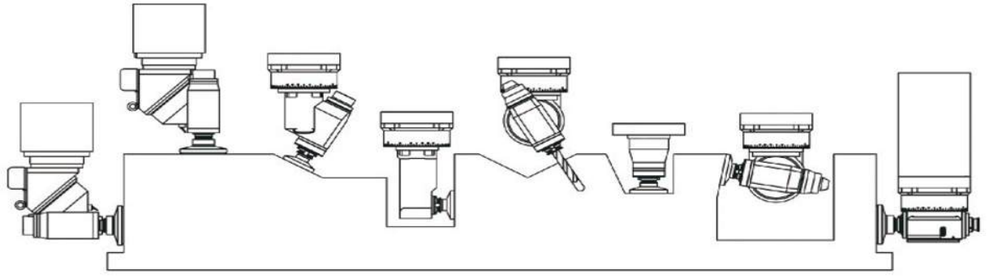
Optional Items

Chain type ATC

AHC Series 1

AHC Series 2

Multiple processing forms



90°
Angle Head

Double Sides
Angle Head

90° Deep Hole
Milling Head

Extend
Head

45°
Universal Head

90°
Universal Head

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5 Aixs Machining Center

MX Series
5 Axis Machine Center

Machine Feature

+ Multi-faceted processing

Multi-faceted processing, strong applicability, widely used in automotive handboard precision hardware and other industries.

+ Large Tilt Axis Support Design

Large-span integrated casting molding, A axis travel +30°~-120°, combined with C axis travel ±360°, to meet the needs of continuous processing applications of complex curved surfaces.

+ Precision drive

3 axis adopts imported high-precision ball screw, imported guide rails and bearings, with low friction resistance and sensitive response, ensuring the accuracy of machine tool operation.

+ Simultaneous 5-Axis Machining Versus 3+2 Machining

In simultaneous 5-axis machining,the machine tool's three linear axes(X,Y and Z) and two rotational axes(A and C) all engage at the same time to perform complex processing on parts.
With 3+2,the machine executes a 3-axis milling program with the cutting tool locked in a tilted position using its two rotational axes.
The process,also known as 5-axes positional machining,relies on the fourth and fifth axes to orient the cutting tool in a fixed position rather than manipulate it continuously during the machining process.

Machine Characteristic

+ High-Quality Castings

The basic castings of the machine tool are made of high-quality resin sand cast iron, which has passed the secondary aging process. Eliminate internal stress and ensure the overall rigidity and durability of the bed.

+ Cooling System

The spindle head has a built-in independent cooling system to control the temperature of the spindle head within a reasonable range, reduce the thermal extension of the spindle, and offset the thermal extension of the spindle through a unique method Thermal extension to ensure machining accuracy; there is a unique air blowing device at spindle nose to effectively protect the spindle.

Worktable Size

ϕ250/400/500/650mm

Max. Spindle Speed

12000/18000 rpm

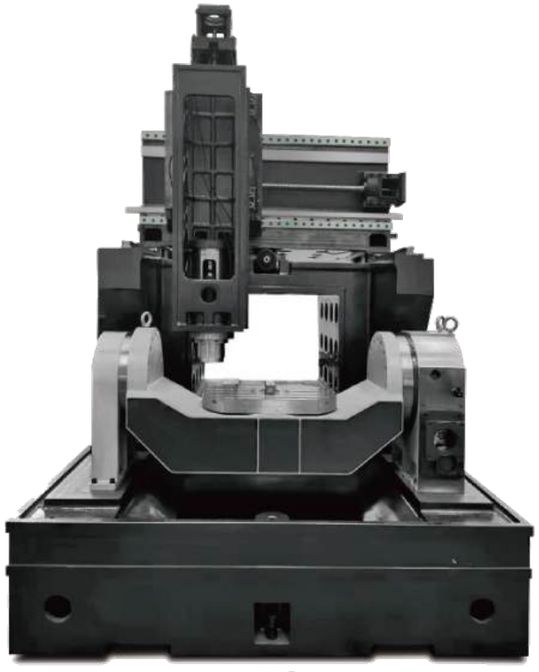
Rapid Feedrate

24/24/24 m/min

Optional Configuration

- BBT40 18000 rpm Spindle optional,with strong rigidity,achieving efficient high precision processing.
- Linear Scales optional for closed-loop control and accuracy compensation,ensuring stable and continuous accuracy.

MX5-Ve



MX5-e

5 Axis Machine Center

Items	Unit	MX5-250Ve	MX5-400e	MX5-500e	MX5-650e
Travel					
X Axis Travel	mm	600	700	800	820
Y Axis Travel	mm	450	360	520	520
Z Axis Travel	mm	450	400	500	500
B Axis (Tilt Axis) Travel	deg	±120°	±110°	±110°	±110°
C Axis (Rotary Axis) Travel	deg	±360°	±360°	±360°	±360°
Spindle					
Spindle Taper	-	BT40	BT40	BT40	BT40
Max.Spindle Speed	rpm	12000	12000	12000	12000
Spindle Power	KW	7.5/11	7.5/11	7.5/11	7.5/11
Max.Spindle Torque	N.m	42/70	42/70	42/70	42/70
Worktable (Tilting and Rotary Table)					
Worktable Size	mm	φ250	φ400	φ500	φ650
Max.Workpiece Rotation Dia.	mm	φ400	φ480	φ560	φ680
Max.Loading on Table	KG	60	200	280	300
Feedrate					
Rapid Feedrate (X/Y/Z)	m/min	24/24/24	24/24/24	24/24/24	24/24/24
Rapid Feedrate (B/C)	rpm	189/200	50/100	30/50	30/50
Cutting Feedrate	mm/min	1-10000	1-10000	1-10000	1-10000
ATC (Tool Magazine)					
ATC Capacity	T	24(30 opt.)	224(30 opt.)	24(30 opt.)	24(30 opt.)
Max.Tool Length	mm	300	300	300	300
Max.Tool Dia.(Full/Empty)	mm	78/150	78/150	78/150	78/150
Max.Tool Weight	KG	8	8	8	8
Accuracy					
Positioning Accuracy(X/Y/Z)	mm	±0.006/300	±0.006/300	±0.006/300	±0.006/300
Repeat Accuracy(X/Y/Z)	mm	±0.003	±0.003	±0.003	±0.003
Positioning Accuracy(B/C)	-	6″/6″	10″/10″	10″/10″	10″/10″
Repeat Accuracy(B/C)	-	4″/4″	5″/5″	5″/5″	5″/5″
Others					
Air Pressure Required	Kgf/c ㎡	5~7	5~7	5~7	5~7
FootPrint	mm	2700×2300	3200×3200	3600×3200	3700×3200
Machine Height	mm	2700	3200	3300	3300
Machine Weight(approx.)	KG	4500	4800	5200	5600
CNC Controller	-	Syntec 220 (Heidenhain TNC 640/Siemens One/HNC 848 Opt.)			

Applications

- Automotive
- Industrial Production

- Mold
- Aerospace
- Medical Equipment
- Research and development

Workpiece: Human Skeleton Framework
Material: Titanium

Workpiece: Fluid Velocity Measurement Pump
Material: Aluminum Alloy

Workpiece: Automotive structural component
Material: Aluminum alloy

Workpiece: Impeller
Material: Aluminum

Workpiece: Tire mold
Material: Aluminum

Workpiece: Engine block
Material: Aluminum Alloy

Workpiece: Cowl Lock
Material: Stainless Steel

Standard Configuration

- ☑ Outer protective cover
- ☑ BT40-24T tool magazine
- ☑ BT40 12000rpm spindle
- ☑ Data transfer interface
- ☑ Manual pulse generator (MPG)
- ☑ X/Y/Z axis roller guideway
- ☑ X/Y/Z axis servo motor
- ☑ Cutting coolant system
- ☑ Adjustment level bolts and pads
- ☑ AC for electrical cabinet
- ☑ Syntec 220 CNC Controller
- ☑ Tilt and Rotary Worktable
- ☑ Cutting air blowing
- ☑ Spindle oil cooler
- ☑ LED Working light
- ☑ Tri-color alarm light
- ☑ X/Y/Z axis ball screw
- ☑ Operating door
- ☑ Chip Conveyor
- ☑ Basic tool box
- ☑ Automatic lubrication system
- ☑ Operating Manual

Optional Configuration

- ☐ 18000rpm high speed Spindle
- ☐ Coolant Through Spindle (CTS)
- ☐ Linear Scales
- ☐ Oil Mist Collector
- ☐ Oil-water separator
- ☐ 30/40T tool magazine
- ☐ Tool Probe
- ☐ Workpiece Probe
- ☐ FANUC 5 axis with 4 axis simultaneous Controller
- ☐ Siemens ONE 5 Axis simultaneous Controller
- ☐ Heidenhain TNC 640 5 Axis simultaneous Controller

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CNC Controller Siemens

Siemens Sinumerik 828D

Turning and milling operations on standardized machines as well as functions for the easy automation of grinding machines – this where SINUMERIK 828D ADVANCED, SINUMERIK 828D and SINUMERIK 828D BASIC, with their unique CNC performance, set standards regarding productivity.

Milling on standardized machines – SINUMERIK 828 CNCs are setting the benchmark with their unique CNC performance.

Features

- ✔ Panel-based compact CNC
- ✔ Technologies: Turning, milling, grinding functions
- ✔ Up to 10 axes/spindles + 2 auxiliary axes
- ✔ Up to 2 machining channels
- ✔ 10.4“ color display / 15.6” touch display
- ✔ S7-200 PLC based

Rugged

An operator panel front made of magnesium die cast, the panel-based CNC design with well-conceived interfaces, as well as the high degree of protection IP 65 make the SINUMERIK 828 controls a reliable partner even in harsh environments.

Maintenance-free

Thanks to the configuration without fan or hard disk and the NV-RAM storage technology without back-up battery, the SINUMERIK 828 controls are completely maintenance free.

Intelligente User-friendly

Thanks to a fully fledged QWERTY CNC keyboard with short stroke keys and a high-resolution 10.4“ TFT color display / 15.6” touch display, the SINUMERIK 828 controls can be easily operated. The USB, CF card (only 10.4”) and RJ45 interfaces on the operator panel front allow to quickly transfer the CNC data in an uncomplicated manner.

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MEYERSEIKO

FANUC + Heidenhain CNC Controller

FANUC 0i MF

The CNC series 0i model F provides the ideal basic solution for multiple control applications. Ready to use, it boasts latest generation hardware and a complete package of standard software. To maximise productivity on more specific applications, it can be easily customised using a range of additional functions. Combining unbeatable value for money with unrivalled performance and reliability, it includes features and functions usually associated with high performance systems.

Key features:

- ✔ up to 12 axes, 6 spindle axes and 2 paths
- ✔ up to 2 additional loader paths
- ✔ 4-axis simultaneous and 3+2 axis machining
- ✔ ready to use with integrated software package
- ✔ excellent performance-to-cost ratio
- ✔ integrated FANUC Dual Check Safety function
- ✔ shop-floor programming via MANUAL GUIDE i or TURN MATE i
- ✔ additional functions for simple customisation
- ✔ integrated high-speed PMC
- ✔ high speed and high quality machining package
- ✔ maximum look-ahead blocks 400
- ✔ common operability, maintainability, network and PMC function with CNC Series 30i-MODEL B

Heidenhain TNC 620

The TNC 620 is compact and easy to read. The TNC 620 is a compact but versatile contouring control for up to five controlled axes. Thanks to its flexible operating concept—workshop-oriented programmability with HEIDENHAIN conversational programming or offl ine programming—and its scope of features, it is especially suited for use on universal milling, drilling and boring machines for the following:

- ✔ Series and single-part production
- ✔ Toolmaking Machine building
- ✔ Research and development
- ✔ Prototypes and pilot plants
- ✔ Repair departments
- ✔ Training and education facilities

Universal milling machines

- ✔ Free contour programming
- ✔ Milling cycles for complex contours
- ✔ Fast presetting with HEIDENHAIN touch probe

Drilling and boring machines

- ✔ Cycles for drilling, boring and spindle alignment
- ✔ Cycles for linear and circular point patterns

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