



✉ info@megancnc.com

☎ +86-13923488792 (English speaking)

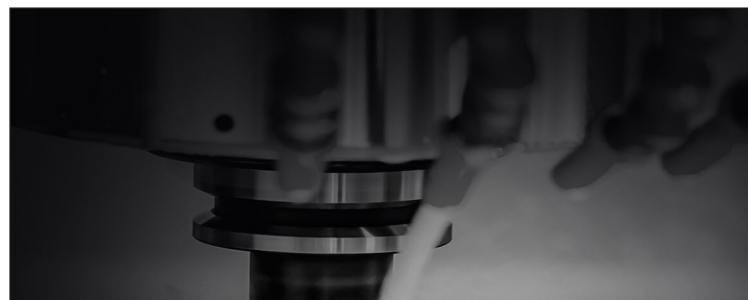
☎ +86-769-89237099

📍 Dongguan Factory: 3# Building, Shang Ling Industrial Area, HengLi Town, Dongguan City, Guangdong Province, China



**COMPANY  
BROUCHURE**

# ABOUT CONTENTS



## Two Well-established Factories

Megan is a mature CNC machine manufacturer with two large established factories in Dongguan City, Guangdong Province, China.

The factory called Joyou specializes in manufacturing advanced CNC milling machines, while the other factory named Jsmart makes state-of-the-art CNC lathe and turning machines. All of our products have earned positive feedback from home and abroad.



## Over 15-year of Experience

Behind each precise CNC machine is a team of dedicated Megan people.

Our experienced engineers are able to provide feasible solutions for any specific application within 24 hours. Our workers with their skillful hand craftsmanship ensure the precision of each machine in support of your business.



We're not only a professional tradesman,  
but an experienced manufacturer

## Our Mission



### Precision

Lifetime precision quality would not be possible without sophisticated detection equipment and patient QA workers. We have the above-standard measurement tools and equipment.



### Innovation

Lifetime precision quality would not be possible without sophisticated detection equipment and patient QA workers. We have the above-standard measurement tools and equipment.



### Advancement

Megan stands behind its products. We collect all the user feedback globally, aiming to improve the performance of our products and also to adapt our business to the evolving needs of modern marketing.



## Our Certification

The key to building a high-quality machine is to standardize our production process.

Megan is organized in accordance with 5S and strictly follows ISO9001:2008 standards by using mature scientific approaches. We have established a good production management system to deliver your products on time.



## Megan Worldwide

Based in China, we are focused on building a global network.

At Megan, every employee believes that clients come first in every aspect. We aim not only to provide a solution that will meet your requirements, but also to develop a win-win relationship with you.



## Quality Control

A precise machine cannot be built without strict inspection.



## Cast Iron Inspection

The quality of the cast iron is the foundation of CNC machines' lifetime and our brand.

Megan, therefore, builds the cast iron, especially saddle, slideway, ram, pedestal, etc. in house, using the state-of-the-art Japanese machine to assure the quality as well as the lead time. Our workers also use only the qualified products which have been stored for a long time and have passed through the strict vibration testing.

## Accuracy Detection

At Megan, we know that even a small screw installation will affect the precision of the machines, so our workers utilize a dial indicator and marble to check all the horizontal and vertical surfaces to make sure they hold tight tolerances in every step.



## Cast Assembling Inspection

The assembly of each cast has a great influence on the CNC machines' precision and stability, so our experienced craftsmen will hand scrape the surface of each joint to ensure they are in accordance with the industry standard.



## Load Bearing Test (CNC Milling Machine)

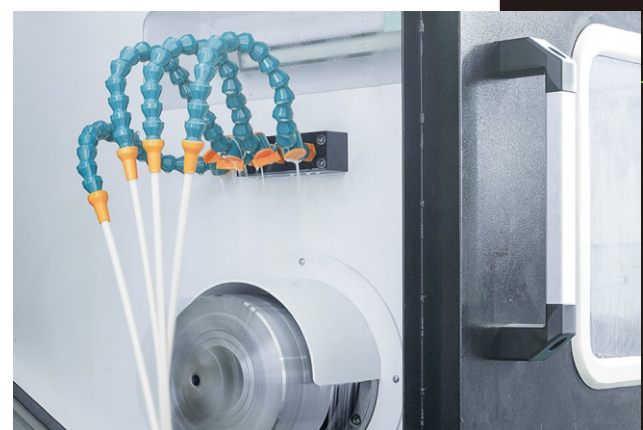
In order to satisfy your different processing needs, all our CNC machines will be loaded with more than 300 kg of iron and will run for 24 hours, during which our workers will be inspecting them carefully.



## Positioning Accuracy Inspection

Laser interferometer is the best tool for the comprehensive evaluation of machine tools and coordinate measuring machines and also other positioning systems.

Megan's engineers conduct evaluation before mounting fittings as well as logistics.



## Waterproof Test

Each Megan CNC machine will be releasing cutting fluid to cool down the cutting tool and remove the waste while working. Therefore, the compactness of the machines also has a big effect on your working efficiency and machines' longevity. Our professional workers guarantee that hardware parts will pass through the strict test before installation.

## Laser Test

We know what error values affect the accuracy of the machine. The machine provides accurate, high-precision three-dimensional motion of the machine tool, measuring the true circular precision and mechanical geometric accuracy of the machine tool, allowing us to make corrections and fix imperfections.



## Spindle Dynamic Balance Detection

Due to the high-speed operation, the spindle's requirements for unbalance control are more stringent than the usual motor. Each spindle uses a dynamic balance analyzer to control the residual imbalance of the spindle within a certain range, suppressing the unbalanced vibration of the spindle during high-speed operation and ensuring the machining accuracy of the particular part.



## Finished Product Test

Before shipping, all your machines will be tested and we will produce the precise part you need to ensure the precision, operation system, and the smoothness of each component's operation to satisfy your business need.





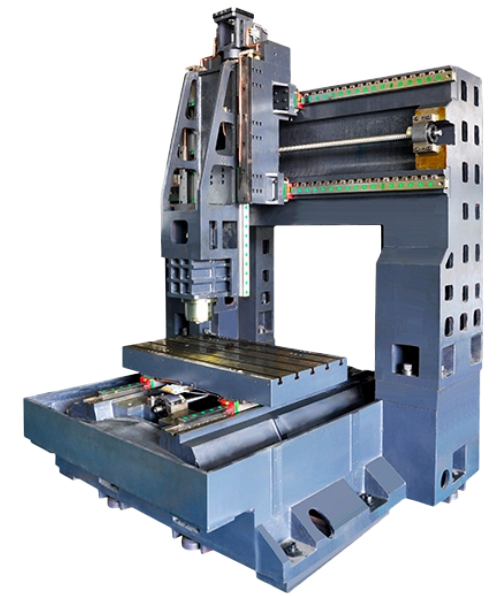
# CNC Milling Machine-PRV-GH Series

## Description

- One-Piece type and dragon-frame structure, Super heavy cast, its Stability is 5 times than general structure.
- X,Y,Z axis are Taiwan heavy-duty load roller Linear way and double nut locking ball screw.
- Direct connect Spindle, Higher spindle 15000,20000 is optional.
- For Car Parts Mass production, Mold Making, Fine processing



PRV-1165GH



## Specification

MODEL	UNIT	PRV-850GH	PRV-1165GH
Controller		FANUC/MISUBISHI/SIEMENS	
X/Y/Z axis Travel	mm	1000/600/450	1200/600/500
Table Size	mm	900*510	1100*600
Table Slot	mm	5*18*95	5*18*120
Distance from Spindle Center to Ram	mm	485	360
Distance from Spindle Taper to Table	mm	150-600	150-650
Fast Moving Speed	m/min.	30	36
Cutting Feed	m/min.	0-20	0-20
Spindle Rotation Speed	RPM	12000	12000
Spindle Taper		BT40-150/HSK-A63	BT40-150/HSK-A63
Positioning Accuracy	mm	0.003	0.003
Repeat Positioning Accuracy	mm	-0.003	-0.003
Air pressure	kg/cm	6	6
Tool Magazine		24 Arm type	24 Arm type
Max. Load	kg	800	800
Spindle Motor	kw	11	11
X/Y/Z axis Motor	kw	3.8/3.8/4.8	3.8/3.8/4.8
X/Y/Z axis Ball screw		4010	4012
Machine Weight	kg	8000	9000
Machine Dimension	mm	4000*2500*2600	4500*2600*2800



# CNC Milling Machine-DRV Series

## Description

- Super heavy duty load Linear way design with double column support.
- Step design of dragon frame.
- Double hammer balancing design, avoid small distortion.
- Box shape frame with two level ribs to embody the super rigidity.



DRV-2015

## Specification

MODEL	UNIT	DRV-2013	DRV-2015L	DRV-2017L	DRV-2022L	DRV-2513	DRV-3015L	DRV-3017L
Controller		FANUC/MITSUBISHI/SIEMENS						
X/Y/Z axis Travel	mm	2000/1400/800	2000/1650/800	2000/1800/800	2200/2200/1000	2500/1400/800	3000/1650/800	3000/1850/800
Table Size	mm	1000*2000	500*1050	600*1000	600*1200	700*1360	700*1500	1700*800
Table Slot	mm	7-22*150	5-18*100	5-18-110	5-18*100	5-18*122	5-18*135	5-22*140
Distance from Spindle Center to Ram	mm	1400	145-645	130-730	130-780	230-880	170-920	170-870
Distance from Spindle Taper to Table	mm	120-920	620	660	650	740	740	850
Fast Moving Speed	m/min.	12/12/10	48/48/36	48/48/36	36/36/30	24/24/24	24/24/18	20/20/15
Cutting Feed	m/min.	8	0-10	0-10	0-10	0-10	0-10	0-10
Spindle Rotation Speed	RPM	40-6000	10000/12000	12000	12000	8000-10000	8000	8000
Spindle Taper		BT50-φ190	BT40-φ140	BT40-φ150	BT40-φ150	Bt40	BT50-φ155	BT50-φ155
Positioning Accuracy	mm	0.05/300	0.005	0.005	0.005	0.005	0.005	0.05/300
Repeat Positioning Accuracy	mm	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
Air pressure	kg/cm	6	6	6	6	6	6	6
Spindle connection		Direct Connection/Belt/ZF gearbox						
Max. Load	kg	3000	3000	4000	4000	3000	5000	5000
Spindle Motor	kw	22	22	22	22	22	22/26	22/26
X/Y/Z axis Motor	NM	40/30/30	40/30/30	40/30/30	50/40/40	40/30/30	40/30/30	50/40/40
X axis Ball screw		6310	6310	6320	6310	6310	6310	6320
Y axis Ball screw		5010	5010	5020	5010	5010	5010	5020
Z axis Ball screw		5010	5010	5012	5010	5010	5010	5012
Machine Weight	T	22	27	28	32	26	32	35
Machine Dimension	mm	7200 3600 4100	7200 3800 4100	7500 4000 4100	7200 5500 4500	8000 3600 4100	8800 3800 4100	8800 4000 4100



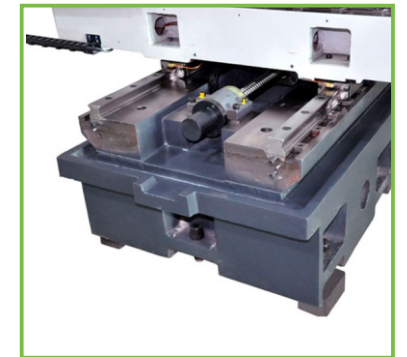
# CNC Milling Machine-PRV-L3 Series

## Description

- Mehanite cast, structure is stable and been varified by market for over 10 years.
- X,Y,Z axis are with Taiwan roller slideway and C3 ball screw.
- For Mold Making/Parts processing.
- L3 means X,Y,Z axis linear way, L2 (X,Y axis linear way) is available.



PRV-866L3



## Specification

MODEL	UNIT	PRV-650L3	PRV-850L3	PRV-866L3	PRV-1160L3	PRV-1270L3	PRV-1370L3	PRV-1580L3
Controller		FANUC/MITSUBISHI/SIEMENS						
X/Y/Z axis Travel	mm	650/500/500	800/500/500	800/600/600	1160/600/650	1200/700/650	1300/700/750	1500/800/700
Table Size	mm	500*800	500*1050	600*1000	600*1200	700*1360	700*1500	1700*800
Table Slot	mm	3-14*150	5-18*100	5-18-110	5-18*100	5-18*122	5-18*135	5-22*140
Distance from Spindle Center to Ram	mm	150-610	145-645	130-730	130-780	230-880	170-920	170-870
Distance from Spindle Taper to Table	mm	560	620	660	650	740	740	850
Fast Moving Speed	m/min.	36/36/18	48/48/36	48/48/36	36/36/30	24/24/24	24/24/18	20/20/15
Cutting Feed	m/min.	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Spindle Rotation Speed	RPM	8000	10000/12000	12000	12000	8000-10000	8000	8000
Spindle Taper		BT40-φ150	BT40-φ140	BT40-φ150	BT40-φ150	BT40	BT50-φ155	BT50-φ155
Positioning Accuracy	mm	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Repeat Positioning Accuracy	mm	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
Air pressure	kg/cm	6	6	6	6	6	6	6
Tool Magazine		24T Arm type	24T Arm type	24T Arm type	24T Arm type	24T Arm type	24T Arm type	24T Arm type
Max. Load	kg	350	450	600	800	1000	1000	1500
Spindle Motor	kw	7.5	7.5	11	11	11-15	15	18.5
X/Y/Z axis Motor	kw	2/2/3	2/2/3	3/3/3	3/3/3	3/3/3	3/3/3	4.5/4.5/4.5
X/Y/Z axis Ball screw		3216	4016	4012	4012	5010	5010	6310/6310/5010
Machine Weight	T	5.3	5.5	6.8	7	9	10	12
Machine Dimension	mm	2750 2380 2600	2760 2200 2700	2820 2300 2600	3300 2300 2600	3560 3300 3250	3560 3300 3100	4300 3900 3300



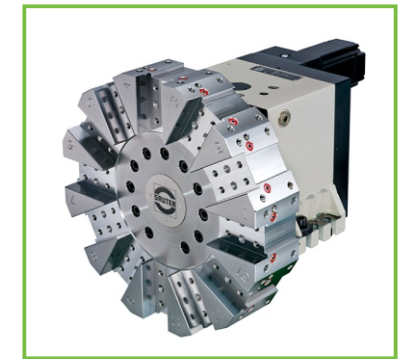
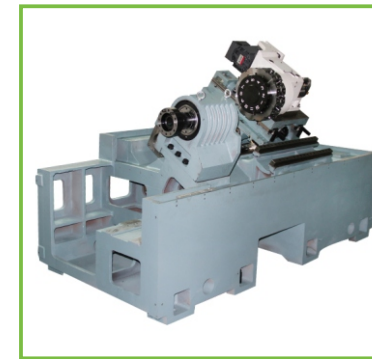
# CNC Lathe Machine-JLM-3 Series

## Description

- Taiwan Posa Spindle, Hi-Win C2 ballscrew and P grade linear way, German Sauter tool turret, Mitsubishi Controller.
- The machine cast has been designed experienced engineer, 100% original design, the ribs has been strengthened, ensure that the machine could be heavy duty cut.
- Manual scraping to ensure the machine's accuracy, Each step must be inspected with qualification before moving to next one.
- For mass production of shafts, discs, etc.



JLM-106



## Specification

	CNC LATHE MACHINE	JLM-106	JLM-108	JLM-306	JLM-308	JLM-310	JLM-506	JLM-508	JLM-510	JLM-512
Processing Capacity	Max. Processing Diameter	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm
	Interfer diameter of neighbour tool	φ 200mm	φ 200mm	φ 200mm	φ 230mm	φ 280mm	φ 200mm	φ 230mm	φ 200mm	φ 400mm
	Max. Processing Length	280mm	280mm	380mm	380mm	380mm	500mm	500mm	500mm	1000mm
	Z axis Travel	350mm	350mm	400mm	400mm	400mm	520mm	520mm	520mm	1140mm
	X axis Travel	250mm	250mm	250mm	250mm	250mm	250mm	250mm	250mm	250mm
	Z axis motor	2.2Kw	2.2Kw	3Kw	3Kw	3Kw	3Kw	3Kw	3Kw	3Kw
	X axis Motor	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw
	Fast Moving Speed	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.
Spindle	Spindle Type	A2-5	A2-6	A2-5	A2-6	A2-8	A2-5	A2-6	A2-8	A2-8
	Spindle Diameter	φ 170mm	φ 200mm	φ 170mm	φ 200mm	φ 230mm	φ 170mm	φ 200mm	φ 230mm	φ 230mm
	Bar size	φ 42mm	φ 52mm	φ 42mm	φ 52mm	φ 75mm	φ 42mm	φ 52mm	φ 75mm	φ 75mm
	Chuck size	φ 170mm	φ 210mm	φ 170mm	φ 210mm	φ 254mm	φ 170mm	φ 210mm	φ 254mm	φ 254mm
	Motor Power	7.5/11Kw	11(15)Kw	7.5(11)Kw	11(15)Kw	15(18kw)	7.5(11kw)	11(15kw)	15(18kw)	15(18kw)
	Rotation speed	6000	4200	6000	4200	3200	6000	4200	3200	3200
Controller		MITSUBISHI								
Tool turret	tools	12	12	12	12	12	12	12	12	12
	Shank size	20mm	25mm	20mm	25mm	20mm	25mm	20mm	25mm	25mm
Tailstock	Distance between centers	/	/	400	400	400	500	500	500	500
	Taper	/	/	MT4	MT4	MT4	MT4	MT4	MT4	MT4
	Max.	/	/	800	800	800	800	800	800	800
Machine	Size	2300*1500*1800		2450*1500*1800mm			2650*1630*1800mm		5000*1900*2300mm	
	Weight	3700KG	3800KG	4600kg	4700kg	4800kg	4600kg	4700kg	4800kg	5500kg



# CNC Turning Machine-JLM-1M Series

## Description

- Original German Sauter tool turret with milling Function.
- Dual Spindle or dual spindle with Y axis are also available for inquiry.
- Manual scraping to ensure the machine's accuracy, Each step must be inspected with qualification before moving to the next one.
- For mass production of automotive parts, aerospace parts, oil parts, and IT electronic industries.

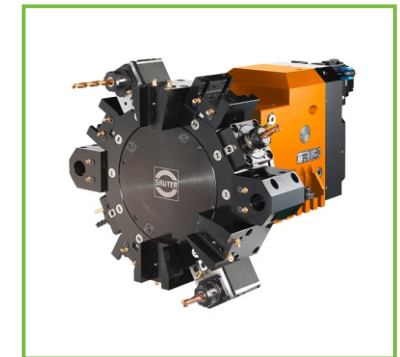
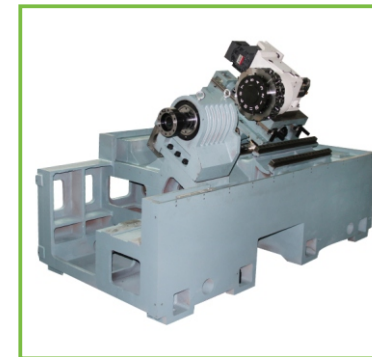


JLM-106M

JLM-306M



JLM-506M



## Specification

CNC TURNING MACHINE		JLM-106M	JLM-108M	JLM-306M	JLM-308M	JLM-310M	JLM-506M	JLM-508M	JLM-510M
Processing Capacity	Max. Processing Diameter	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm	φ 400mm
	Interfer diameter of neighbour tool	φ 200mm	φ 200mm	φ 200mm	φ 230mm	φ 280mm	φ 200mm	φ 230mm	φ 200mm
	Max. Processing Length	280mm	280mm	380mm	380mm	380mm	500mm	500mm	500mm
	Z axis Travel	350mm	350mm	400mm	400mm	400mm	520mm	520mm	520mm
	X axis Travel	250mm	250mm	250mm	250mm	250mm	250mm	250mm	250mm
	Z axis motor	2.2Kw	2.2Kw	3Kw	3Kw	3Kw	3Kw	3Kw	3Kw
	X axis Motor	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw	2.2Kw
	Fast Moving Speed	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.	25m/min.
Spindle	Spindle Type	A2-5	A2-6	A2-5	A2-6	A2-8	A2-5	A2-6	A2-8
	Spindle Diameter	φ 170mm	φ 200mm	φ 170mm	φ 200mm	φ 230mm	φ 170mm	φ 200mm	φ 230mm
	Bar size	φ 42mm	φ 52mm	φ 42mm	φ 52mm	φ 75mm	φ 42mm	φ 52mm	φ 75mm
	Chuck size	φ 170mm	φ 210mm	φ 170mm	φ 210mm	φ 254mm	φ 170mm	φ 210mm	φ 254mm
	Motor Power	7.5/11Kw	11(15)Kw	7.5(11)Kw	11(15)Kw	15(18kw)	7.5(11kw)	11(15kw)	15(18kw)
	Rotation speed	6000	4200	6000	4200	3200	6000	4200	3200
Controller		MITSUBISHI							
Tool turret	tools	12	12	12	12	12	12	12	12
	Shank size	20mm	25mm	20mm	25mm	20mm	25mm	20mm	25mm
	Power tool quantity	12	12	12	12	12	12	12	12
	Power Motor	3.7Kw	3.7Kw	3.7Kw	3.7Kw	3.7Kw	3.7Kw	3.7Kw	3.7Kw
	Power Motor torque	20 NM	20 NM	20 NM	20 NM	20 NM	20 NM	20 NM	20 NM
	Power motor rotation speed	6000 RPM	6000 RPM	6000 RPM	6000 RPM	6000 RPM	6000 RPM	6000 RPM	6000 RPM
Tailstock	Distance between centers	/	/	400	400	400	500	500	500
	Taper	/	/	MT4	MT4	MT4	MT4	MT4	MT4
	Max.	/	/	800	800	800	800	800	800
Machine	Size	2300*1500*1800		2450*1500*1800mm			2650*1630*1800mm		
	Weight	3700KG	3800KG	4600kg	4700kg	4800kg	4600kg	4700kg	4800kg