

JINY Milling PARAMETERS

																
	F5Z	JDM5Z PRO	JDM5Z	M5Z	M5DW	JDM5Z Robot	F5DW	JDM5DW	T52DW	JDM5DC	F4T	JDM4T	JDM5T PRO	F5T PRO	JDM5 MAX	T52CX
AXIS	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5
MACHINE SIZE /MM (EXCLUDING FOOT CUPS)	753*470*640	1051*830*715	631*608*682	715*443*670	741*443*715	752*470*690	790*470*640	642*642*722	731*680*1764	1083*871*1585	705*590*1560	566*611*1542	901*723*1606	923*735*1706	933*850*1786	1100*1570*1760(Without foot cup & without feeder) 2000*1570*1760 (Without foot cup & with feeder)
TOOL MAGAZINE	8	8	10	12	18	8	8	21	21	12	8	8	28	28	34	16
INPUT VOLTAGE/V	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	380
SPINDLE POWER/KW	0.5	0.5	0.5/optional 1.8kw	0.5	0.5	0.5	0.5	2.5	2.5	1.8	1.8	1.8	2.5	2.5	2.5/optional 4kw	6
MACHINE POWER/KW	1.2	1.5	2.2 /optional 1.8kw spindle with total machine power of 3.6kw	1.2	1.2	1.2	1.2	3.5	3.5	3.2	3.5	3.5	4.5	4.5	5.3 /optional 4kw spindle with total machine power of 6.5kw	16
A/B AXIS MILLING ANGLE	A axis 360° B axis +30° -90°	A axis 360° B axis +30° -90°	A axis 360° B axis ±30°	A axis 360° B axis ±30°	A axis 360° B axis ±30°	A axis 360° B axis ±30°	A axis 360° B axis +30° -90°	A axis 360° B axis +30° -90°	A axis 360° B axis +30° -90°	A axis 360° B axis +30° -90°	A axis 360°	A axis 360°	Round disc A axis 360° B axis ±30° Square plate A axis 360° B axis ±22°	A axis 360° B axis ±30°	Round disc A axis 360° B axis ±45° Square plate A axis 360° B axis ±30°	B-axis ±90° C-axis 360°
MILLING MODE	Dry milling	Dry milling	Dry milling	Dry milling	Wet & Dry milling	Wet & Dry milling	Wet & Dry milling	Wet & Dry milling	Wet & Dry milling	Dry milling/ wet milling(optional)	Wet milling	Wet milling	Wet milling	Wet milling	Wet milling	Oil milling
MAX.SPINDLE SPEED /RPM	3,000-60,000	3,000-60,000	3,000-60,000	3,000-60,000	3,000-60,000	3,000-60,000	3,000-60,000	60,000	3,000-60,000	60,000	60,000	60,000	60,000	60,000	60,000	30,000
MOTOR	X:100W/Y:100W/ Z:100W/A:50W/B:200W	X:100W/Y:100W/Z:100W /A:50W/B:200W/U:100W /V:100W/W:100W/C:100W	X:400W/Y:400W/ Z:400W/A:50W/B:400W	X:100W/Y:100W /Z:100W/A:50W/B:200W	X:100W/Y:100W /Z:100W/A:50W/B:200W	X:100W/Y:100W/ Z:100W/A:50W/B:200W	X:100W/Y:100W/ Z:100W/A:50W/B:200W	X:200W/Y:200W/ Z:200W/A:50W/B:200W	X:100W/Y:100W/ Z:100W/A:50W/B:200W	X:200W/Y:200W/Z:200W/ A:50W/B:200W/U:100W/ V:100W/W:100W/C:100W	X:400W/Y:400W/ Z:400W/A:400W	X:400W/Y:400W/ Z:400W/A:400W	X:400W/Y:400W/ Z:400W/A:200W/B:400W	X:400W/Y:400W/ Z:400W/A:200W/B:400W	X:750W/Y:750W/ Z:400W/A:400W/B:400W	/
PROCESSING STROKE RANGE	XYZ:165*108*93	XYZ:183*111*100	XYZ:158*150*92	XYZ:168/106/90	XYZ:168/106/90	XYZ:167*110*89	XYZ:165*108*93	XYZ:152*125*117	XYZ:182*150*120	XYZ:186*105*110	XYZ:163*210*95	XYZ:163*210*95	XYZ:290*190*120	XYZ:295*195*120	XYZ:350*170*200	XYZ:345*190*206
NET WEIGHT /KG	150	397	222	115	127	148	150	233	450	525	424	391	696	716	953	1500
AUTOMATIC DISK CHANGER	/	Yes	/	/	/	/	/	/	/	Yes	/	/	/	/	/	/
DISC CAPACITY	/	12	/	/	/	/	/	/	/	24	/	/	/	/	/	/
CHILLER POWER/KW	/	/	0.1(optional 1.8kw)	/	/	/	0.1	0.1	/	0.1	0.1	0.1	0.1	0.1	0.1/1.3 (optional 4kw)	1.3
SPINDLE COOLING METHOD	Air cooling	Air cooling	Air cooling/ Water cooling (optional 1.8kw)	/	/	Air cooling	Air cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling	Oil cooling
MILLABLE MATERIAL	Zirconia,PMMA, PEEK,Wax and etc.	Zirconia,PMMA, PEEK,Wax and etc.	Zirconia,PMMA, PEEK,Wax and etc.	Zirconia,PMMA, PEEK,Wax and etc.	Zirconia,glass ceramics, premilled abutment, PMMA,PEEK,Wax and etc.	Zirconia,glass ceramics, PMMA,PEEK,Wax and etc.	Zirconia,glass ceramics, premilled abutment, PMMA,PEEK,Wax and etc.	Zirconia,titanium disc, premilled abutment, glass ceramics, PMMA,PEEK,Wax and etc.	Zirconia,titanium disc, premilled abutment, glass ceramics, PMMA,PEEK,Wax and etc.	(Dry milling)Zirconia,PMMA, PEEK,Wax and etc. (Wet milling)glass ceramics, premilled abutment,Cocor,	Titanium disc, premilled abutment, glass ceramics, PMMA,PEEK, Wax and etc.	Titanium disc, premilled abutment, glass ceramics, PMMA,PEEK, Wax and etc.	Titanium disc,glass ceramics, premilled abutment,PMMA,PEEK, Wax and etc. Customized fixtures can milling titanium square plate	Titanium disc, premilled abutment, glass ceramics,PMMA, PEEK,Wax and etc.	Titanium disc, titanium square plate, premilled abutment, glass ceramics,PMMA, PEEK,Wax and etc.	Titanium Rods
AVERAGE MILLING TIME	Zirconia 12-15min PMMA 8-12min Wax 6-10min	Zirconia 12-15min PMMA 8-12min Wax 6-10min	Zirconia 12-15min PMMA 8-12min Wax 6-10min	Zirconia 7-15min PMMA 8-12min Wax 6-10min	Zirconia 7-15min Glass ceramics 15-30min PMMA 8-12min Wax 6-8min	Zirconia 7-15min Glass ceramics 15-30min PMMA 8-12min Wax 6-8min	Zirconia 7-15min Glass ceramics 15-30min Premilled abutment 8-13min PMMA 8-12min	Zirconia 7-15min Glass ceramics 15-30min Titanium crown 15-20min Implant bridge 90-180min Premilled abutment 8-13min PMMA 8-12min	Zirconia 7-15min Glass ceramics 15-30min Titanium crown 15-20min Implant bridge 90-180min Premilled abutment 8-13min PMMA 8-12min	Zirconia 7-15min Glass ceramics 15-30min Titanium crown 15-20min Implant bridge 90-180min Premilled abutment 8-13min PMMA 8-12min	Glass ceramics 15-30min Titanium crown 15-20min Premilled abutment 8-13min PMMA 8-12min	Glass ceramics 15-30min Titanium crown 15-20min Premilled abutment 8-13min PMMA 8-12min	Glass ceramics 15-30min Implant bridge 90-180min Implant bars 90-150min Premilled abutment 8-13min PMMA 8-12min	Glass ceramics 15-30min Implant bridge 90-180min Implant bars 90-150min Premilled abutment 8-13min PMMA 8-12min	Glass ceramics 15-30min Implant bridge 90-180min Implant bars 90-150min Premilled abutment 8-13min PMMA 8-12min	Titanium Rods about 15-20 min