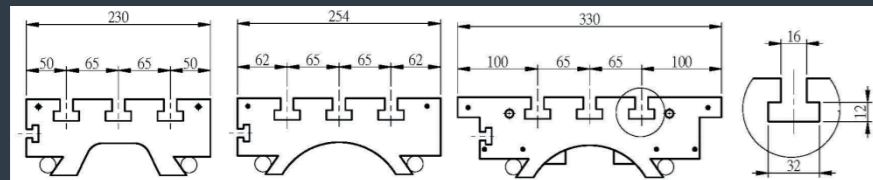


Specification

Model	A1-3T	A1-5T	A2-5T	A2-5/7/10H	A3-5T	A3-5/7/10H
Spindle Motor	3HP	5HP	5HP	5/7.5/10 HP	5 HP	5/7.5/10 HP
Table	9"x49"	9"x49"	10"x54"	9"x49"	13"x60"	13"x60"
X Axis Travel	28.34"	28.34"	32.28"	28.34"	39.37"	39.37"
Y Axis Travel	15.74"	15.74"	19.68"	15.74"	19.68"	19.68"
Z Axis Travel	19.68"	19.68"	24.01"	27.95"	24.01"	25.19"
Spindle Taper	R8/NT30	NT40	NST40	CAT40/BT40	NT40	CAT40/BT40
Quill Diameter	ø3.37"	ø3.93"	ø3.93"	-	ø3.93"	-
Quill Travel	5"	5"	5"	5"	5"	-
Spindle Rpm (Lo)	70~500	70~500	70~500	8000	70~500	8000
Spindle Rpm (Hi)	600~5000	600~5000	600~5000	8000	600~5000	8000
Table Load Capacity (Lbs)	880	880	1100	880	1100	1100
T-slot (Wxn)	0.62"x3x2.55"	0.62"x3x2.55"	0.62"x3x2.55"	0.62"x3x2.55"	0.62"x3x2.55"	0.62"x3x2.55"
Spindle Nose To Table Top	3.93"~23.62"	3.93"~23.62"	3.93"~27.95"	3.93"~31.88"	3.93"~27.95"	3.93"~29.13"
Saddle Size	20"	20"	20"	20"	47.2"	47.2"
Machine Weight (Lbs)	3770	3770	4550	3770	4600	4600

Top-One Machinery reserves the right to make any modifications if necessary.

Table T-slot A1 A2 A3



Standard Accessories

Tools with Tool Box	Splash Guard
Operation Manual	Auto Lube
Coolant System	Table Guard (A3 Model)
Work Lamp	Metal Way Cover on Y-axis (A3 Model)
Leveling Bolts and Plates	Half Enclosed Splash Guard (A3 Model)

Optional Accessories

Carousel Type ATC (for H Model)
Rear Chip Wash (Only Available for Full Enclosure)
4th Axis Rotary Table

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CNC BED MILL A SERIES

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A SERIES

Heavy cutting ability with affordable price
Best for high efficiency, high speed cutting and precision machining.



High Quality, High Efficiency
High Rigidity, High Accuracy
Solid, Stable With High Capacity

MATERIAL STRUCTURE

High quality and rigidity Meehanite casting with enforce rib construction. Also with annealed and stress relieved for long term reliability.
High grade Turcite-B fitted to XYZ slide way. Heavy duty box way provides maximum rigidity and stability.

FEATURES

Installation Z axis counter balance system to ensure Z axis movement stability and accuracy.
Large saddle size has high loading and stability to show the efficiency of large workpiece and heavy cutting.
Auto centralized lubrication system gives proper pressure of oil feeding and discharge.
100% laser tested for positioning accuracy and repeatability.
100% ball bar tested to ensure machining accuracy.



C5 double nut precision ball screws hardened and ground for high accuracy and long lasting.



P4 angular contact spindle bearing limits the temperature variations even for long period of high speed cutting.

A3-10H

10HP Motor
13" x 60" Table
Armless 16 ATC (optional)



A1-3T

3HP Motor
9" x 49" Table



A1-5T

5HP Motor
9" x 49" Table



A2-5T

5HP Motor
10" x 54" Table



A2-5H / A2-7H / A2-10H

5 / 7.5 / 10 HP Motor
9" x 49" Table
Full Enclosure (optional)



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