



Specification(mm)	Type	NVM-850B	NVM-855A	NVM-850C	NVM-1060	NVM-1270 (Y Axis Motor Post-positioned)	NVM-1580
Table size		500X1050	500X1050	600X1300	600X1300	700X1360	800X1700
X Axis Travel		800	850	800	1000	1200	1500
Y Axis Travel		500	500	500	600	700	800
Z Axis Travel		550	550	700	600	600	700
Spindle Center to Column Surface		550	550	600	600	785	810
Spindle Nose to Table		105-655	105-655	110-810	180-780	150-750	170-870
T-slot (Qty.-Dim*Dist.)		5-18X90	5-18X90	5-18X120	5-18X120	5-18X152.5	5-22X135
Spindle Taper (Type/Dim.)		BT40/ Ø150	BT40/ Ø150	BT40/ Ø150	BT40/ Ø150	BT50/ Ø155	BT50/ Ø155
Max Spindle Speed (r/min)		8000	8000	8000	8000	8000	8000
X,Y Axis Ball Screw Specs		4010	4010	4010	4010	5010	6310
Z Axis Ball Screw Specs		4010	4010	4010	4010	5010	5010
Recommended Main Motor Specs (KW)		7.5	7.5	7.5	11	18.5	18.5
X,Y,X Axis Motor Specs (NM)		10, 12, 12	12, 16, 16	16, 16, 16	14, 16, 16	16, 20, 20	24, 16, 16
Positioning Accuracy (X/Y/Z)		0.008mm	0.008mm	0.008mm	0.008mm	0.01mm	0.01mm
Repeatability Accuracy (X/Y/Z)		0.005mm	0.005mm	0.005mm	0.005mm	0.006mm	0.006mm
Max Weight on Table		600Kg	600Kg	700Kg	800Kg	1000Kg	1500Kg
Machine Weight		5.6t	6.5t	6.5t	7.5t	11t	13.5t

Specification(mm)	Type	NVM-L850	NVM-L1060	NVM-LV850(Belt-driven)	NVM-LV850(Direct-driven)
Table Size		500×1000	600×1300	450×900	450×900
X Axis Travel		800	1000	800	800
Y Axis Travel		500	600	500	500
Z Axis Travel		500	600	500	500
Spindle Center to Column Surface		560	655	550	550
Spindle Nose to Table		110-610	70-670	110-610	110-610
T-slot (Qty.-Dim*Dist.)		5-18×90	5-18×100	3-18×130	3-18×130
Spindle Taper (Type/Dim.)		BT40/ Ø150	BT40/ Ø150	BT40/ Ø140	BT40/ Ø140
Max Spindle Speed		8000	8000	10000 rpm	12000 rpm (Direct-driven)
X,Y Axis Ball Screw Specs		4012	4012	3616	3616
Rapid Traverse X,Y,Z Axis (m/min)		24, 24, 16	24, 24, 16	48, 48, 36	48, 48, 36
X Axis Linear Guide Specs		MSA35LA	MSA45LA	MSA35LE	MSA35LE
Y Axis Linear Guide Specs		MSA45LA	MSA55LA	MSA35LE	MSA35LE
Z Axis Rail Specs		Box Way	Box Way	MSA35LE	MSA35LE
Main Motor Specs (KW)		7.5	11	7.5	7.5
X,Y,X Axis Motor Specs (NM)		10, 12, 12	12, 16, 16	10, 12, 12	10, 12, 12
Positioning Accuracy (X/Y/Z)		0.008mm	0.008mm	0.008mm	0.008mm
Repeatability Accuracy (X/Y/Z)		0.005mm	0.005mm	0.005mm	0.005mm
Max Weight on Table		500Kg	900Kg	500Kg	500Kg
Machine Weight		6t	9t	5.5t	5.5t