

	AMC3 Stepper	AMC4C2	AMC4C	AMC4	AMC B3/6	AMC-E	AMC E Servo
Max. No. of Axes	3 with or without stepper drives	2, with servo drives only	4 Servo + 2 stepper * drives	4 Servo + 2 stepper* or 4 stepper +2 stepper* with or without drives	3 or 6 axis stepper or servo and combinations without drives	3 + beam axis stepper	4 servo
Max. internal drive power	600W	700W	700W	1000W	None	None	None
Max. step/encoder edges per sec.	400,000	4,000,000 #	4,000,000	400,000 stepper, 4,000,000 servo	400,000 stepper, 4,000,000 servo #	400,000	4,000,000
Encoder inputs	0	2	4	4	3 or 6	None	4
Motion DAC's	0	2	4	4	3 or 6	0	4
RS232 ports	1	1	1	1	1	1	1
Total user inputs	8	6	9	20	20	20	20
2 Wire Proximity. Inputs (9 volt)	4	3	3	6	6	6	6
User Inputs (10 uS)	0	0	0	4	4	4	4
User Inputs (500 uS)	4	3	6	10	10	10	10
Total user outputs	4	5	7	12	12	10	12
60V 1A relay	2	3	3	0	0	0	2
User Outputs 24VDC or 120/230VAC Solid State Relay* or 60V 1A relay *	2 at 0.5 Amp high speed solenoid	2 at 0.25 Amp or 2	2 @ 0.25Amp or 2 or 2	2 @ 0.25 Amp or 2 or 2	0	0	0
User O/Ps 24VDC @ 0.25 Amp	0	0	2 @ 5mSec	10 @ 5mSec	10 @ 100uSec	10 @ 100uSec	10 @ 100uSec
High speed O/Ps 24VDC @0.25 Amp	0	0	0	0	Option: 2 @ 1uSec RL = 1K0	0	0
24VDC User Output Supply	None	None	1 amp	1 amp	1.5 Amp	None	None
Analogue Output – 8 bit isolated	1	None	None	1	1	1	1
Internal Drive options. (External drives may alternatively be used)	1.75 to 5amp 60V mini-stepping	8 or 10 amp @ 50V or 60V Brushed DC	8 or 10 amp @ 50V or 60V Brushed DC	1.75 to 5amp 60V mini-stepping or 8 or 10amp 60V	None	None	None
Control Panel/Display & System STOP switch	26 Keys + 4 pressure sensitive jog keys, 2 line alpha display	27 Keys +4 pressure sensitive jog keys, 4 line graphic display	27 Keys + 4 pressure sensitive jog keys, 4 line graphics display	27 Keys + 4 pressure sensitive jog keys, 4 line alphanumeric display	Connectors for a range of NEE HMI's	Connectors for a range of NEE HMI's	Connectors for a range of NEE HMI's
Enclosure and size in inches	17.7x6.3x10.2 NEE enclosure	19x7.1x12 NEE enclosure	19x7.1x12 NEE enclosure	19x7.1x12 NEE enclosure	3.2 x 10.4 x 10.4	9.5 x 7.9 x 1.6 Board set	11.4 x 8.3 x 1.6 Board set
System weight	31 lbs	40lbs	42 lbs	44lbs	7 lbs	2 lbs	2 lbs
Custom units to your specification	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Notes: * extra cost option, # Only on systems manufactured after January 1999

Closed loop spindle control	Yes	No	Yes	Yes	Yes	Yes	Yes
Laser pulse triggering based on distanced moved	Yes	No	Yes	Yes	Yes	Yes	Yes
Axis lead screw/rack/belt error compensation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Graphical Programming Software Options							
Irregular area clear	Yes						
Advanced text features	Yes						
Advanced nesting features	Yes						

If your application requires a specification change or new feature please contact us