

MODEL 48 SPECIFICATIONS

WORK ENVELOPE:

X-AXIS - 96 INCHES (2438.4mm)
Y-AXIS - 48 INCHES (1219.2mm)
Z-AXIS - 12 INCHES (304.8mm)

X-AXIS TRAVEL	(MINUS DIRECTION)	.5 INCHES (12.7mm)
X-AXIS TRAVEL	(PLUS DIRECTION)	96.5 INCHES (2451.1mm)
Y-AXIS TRAVEL	(MINUS DIRECTION)	.5 INCHES (12.7mm)
Y-AXIS TRAVEL	(PLUS DIRECTION)	48.5 INCHES (1231.9mm)
Z-AXIS TRAVEL	(MINUS DIRECTION)	12.125 INCHES (308mm)
Z-AXIS TRAVEL	(PLUS DIRECTION)	.125 INCHES (3.2mm)

POSITIONING TOLERANCES:

X, Y POSITIONING TOLERANCE:	+/- .005 INCH (.127mm)
Z POSITIONING TOLERANCE: (SERVOED)	+/- .010 INCH (.254mm)
Z POSITIONING TOLERANCE: (MANUAL)	N/A

REPEATABILITY TOLERANCES:

X, Y REPEATABILITY	+/- .001 INCH (.025mm)
Z REPEATABILITY (SERVOED)	+/- .005 INCH (.127mm)
Z REPEATABILITY (MANUAL)	N/A

MAXIMUM CUTTING SPEEDS:

X-AXIS	500 IPM (12700MMPM)
Y-AXIS	500 IPM (12700MMPM)

MAXIMUM TRAVERSING SPEED:

X-AXIS	500 IPM (12700MMPM)
Y-AXIS	500 IPM (12700MMPM)
Z-AXIS (SERVOED)	200 IPM (5080MMPM)
Z-AXIS (MANUAL)	--- IPM (---MMPM)

