

Inputs

Units

Metric (mm)

Imperial (inch)

Model

Primo

Burly

Tool Choice *

X Full range of motion (pen, laser, drag knife, Makita RT70x, etc)

Dewalt DW660

52mm & 55mm Spindle

* Tool Choice

Larger tools may collide with the side rails and restrict movement before the MPCNC reaches its full range of motion in X and Y. Select your intended tool to account for this difference in the following dimensions:

Workspace

48 inches x

36 inches y

4 inches z

Tube Lengths

Length (inches)	Qty	Name
60	2	x rails, sides
57.75	1	x rail, gantry
48.25	2	y rails, sides
46.25	1	y rail, gantry
11.5	2	z rails
3.25	4	legs
357.5	total needed	total tube length assuming 3mm kerf

Material Dimensions

Length (inches)	Qty	Name
6	1	leadscrew length
62	2	belt length along x
50.25	2	belt length along y
224.5	total length	belts (all 4)

Table Size

Length (inches)	Name
58.75	x table size (outer edges of feet)
47	y table size (outer edges of feet)

Total Machine Footprint

Length (inches)	Name
62.75	x
51	y
17.5	z
23	clearance to remove z axis