



## X Axis Components

Qty	Frame Extrusion + Fixings	Part No	Length	£	Total	Notes	Machining
4	45X90L	0-132-4591	1300mm	32.37	129.48	Top and botom sections	Drilling 2x Ø10 for assembly access holes at both ends
2	45X90L	0-132-4591	220mm	5.47	10.94	FF12 End section	Boring to suit FF12 + x4 tapped holes
2	90x90L	0-132-90-91	220mm	11.50	23.00	FK12 / motor End section	Boring to suit FK12 + x4 tapped holes and Nema motor location
8	Connection Screw M12x30	1-242-1005		1.08	8.64	Fixing, top and bottom sections to the uprights.	n/a
4	End Cap - 45x90x4	1-243-4044		0.73	2.92	End of 1300mm sections	n/a
4	T-Nuts	1-242-1007		0.18	0.72	Fixing Nema23 to 90x90 T-Slot	n/a
10	Cover Strip	1-242-1016	3000mm	2.67	26.70		n/a
					<u>202.40</u>		
1	<b>Frame Machining</b>				<u>140.00</u>		All of the above machining operations.
<b>Ballscrew Options</b>							
2	Class 7 Machined MDL Ballscrew Assembly	C7 DINF R16x5 L1289 / 1384mm		208.34	416.68	Machined to suit FK and FF12	Zero Backlash Ballscrew Assembly
2	Class 7 MDL Ballscrew Assembly	C7 DINF R16x5 L1384 / 1384mm		145.34	290.68	Without end machining	Zero Backlash Ballscrew Assembly
<b>Trapezoidal Options</b>							
2	Machined Trapezoidal Assembly	TR16x4D L1289 / 1384 + BFM16x4D		104.55	209.10	Machined to suit FK and FF12	0.050mm maximum backlash
2	Trapezoidal Assembly	TR16x4D L1384 / 1384 + BFM16x4D		41.55	83.10	Without end machining	0.050mm maximum backlash
<b>Hiwin Profile Rails and Carriages</b>							
2	Hiwin 15mm Profile Rails	HGR15 L1165		66.87	133.74		
4	Hiwin Flange Style Carriages	HGW15CC		23.80	95.20		Light Preload
<b>Bearings</b>							
2	Ballscrew Flange Support Bearings	FK12_7		48.50	97.00		Fixed Flange
2	Ballscrew Flange Support Bearings	FF12_7		19.30	38.60		Floating
<b>Couplings</b>							
2	Clamp type	SRJ-30C-RD-10x?		20.50	41.00	Stock bore sizes from Ø6mm	Machined to suit your motor