



HEW-DV4 Production cost breakdown

HEW-DV4 Robot Arm

Model version		HEW-DV4-5			
Product	Item	Qty	Cost (per unit)	Total Cost	Supplier
Servos	Tower Pro MG995	2	£3.863	£7.73	TowerPro Pte Ltd
	Tower Pro MG946R	2	£4.248	£8.50	
	Tower Pro MG90D	1	£3.324	£3.32	
Bracket	Servo Bracket Aluminum	1	£2.250	£2.25	Amazon.co.uk
Nylon Spacers	Nylon spacer 11mm	4	£0.359	£1.44	G & B Project company
	Nylon spacer 30mm	4	£0.411	£1.64	
	Nylon spacer 27.5mm	2	£0.411	£0.82	
	Nylon spacer 51mm	2	£0.463	£0.93	
Fixtures	M3 x 8mm Button Head	46	£0.010	£0.46	Shaftbury fixings
	M3 x10mm Button Head	3	£0.015	£0.05	
	M3 nut	18	£0.010	£0.18	
	M3 nylon locking nut	3	£0.013	£0.04	
	M2 x 8 screw, pozi pan	2	£0.007	£0.01	
	M2 nut	2	£0.006	£0.01	
Thrust Bearing	BNL Thrust ball bearing 51105M/6N/D	1	£2.040	£2.04	RS Compents
Wires	Servo extension lead 300mm	1	£0.390	£0.39	Component shop
	Servo extension lead 150mm	1	£0.300	£0.30	
Cable ties	1.7mm by 71mm cable tie	5	0.007	£0.04	Farnell UK
Laser cut	Acrylic 3mm coloured	1	£4.350	£4.35	Artisan Model makers
Hand tools	2mm Allen Key short arm	1	£0.030	£0.03	Lloyd & Jones
	PH1 X 75mm PH1 X 75mm Silverline 411760	1	£0.600	£0.60	Tool and Fix
Packaging	152x152x152 white cardboard box	1	£0.437	£0.44	UK Packaging
	A6 Printed packaging labels	2	£0.433	£0.87	printed.com
Total (with VAT)				£36.42	