

Crane Part 1

	Name	Amount	Manufacturer	Product #		Product Name	Order Dim	Dim l x h x d mm	Price each	# needed
1.	Pillars	4	Plastruct	ST-10	ABS	Square Tubing	375 x 7.9 x 7.9	2540	1.50	4
2.	Vertical P.	12 (paired)	"	ST-10	ABS	Square Tubing	375 x 7.9 x 7.9	123 + 108 as noted	1.50	2
2a.	Boom Holder	4	"	ST-10	ABS	Square Tubing	375 x 7.9 x 7.9	20		
3.	Brace	4	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.75	Special cut	1.45	1
3a.	Boom support	4 + 4	"	MR-190	Sty	Round Rod	250 x 4.8	2 x 164 + 2 x 112	.30	3
4.	Angled B.	1	"	SSS-104	ABS	Plain Sheet	175 x 300	1	1.25	1
5.	Main Mast	2	"	TBAL-6	ABS	Tubing	750 x 4.8	95	1.70	1
6.	Vertical Mast	2	"	RT-12	ABS	Rect. Tubing	375 x 6.4 x 9.5	72.4	1.45	1
7	Cage Pole	2	"	C-2	ABS	Channel	250 1.6 x .9	20	.65	1
8	Cage frame	2 + 2	"	A-2	ABS	Angles	250 x 1.6 x 1.6	2 x74 + 2x13	.65	1
	Platform	1	Eduard				sheet	74 x 13	16.00	1
	Platform support	As needed	Plastruct	T-2	ABS	Tees	250 x 1.6 x 1.6	Mult. 13	.75	1
	Hand railing	As needed	Gold Medal	160-34	Brass	Ind. Railing	sheet	As needed	16.00	1
9	Cage frame	2 + 2	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	2x6 + 2x7	.65	1
	Platform	1	Eduard				sheet	Cut to fit		
	Hand railing	As needed	"	160-34	Brass	Ind. Railing	sheet	As needed		
10.	Cage frame	2 x (2 + 2)	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	2 of 2x12 + 2x8		
	Platform	1	Eduard				sheet	2 of 12 x 8		
	Hand railing	As needed	"	160-34	Brass	Ind. Railing	sheet	As needed		
11.	Cage frame	Mult.	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	Multip.	.65	1
	Platform support	As needed	"	T-2	ABS	Tees	250	Mult. 13 x 1.6 x 1.6	.75	1
	Platform	1	Eduard				sheet	20 x 17	16.00	1
	Hand railing	As needed	"	160-34	Brass	Ind. Railing	sheet	As needed		
12.	Safety Cage L.	multi	"	160-38	Brass	Ind. Safety Cage	sheet	As needed	16.00	1
13	Roller supp.	8	Plastruct	SSA-103	ABS	Plain Sheet	sheet	8 x 13 x 3	1.45	1
	Roller	4	"	TBAL-8	ABS	Tubing	750 x 6.4	4 of 6	1.95	1
	axle	4	"	MR-125	Sty	Rod	250 x 3.2	4 of 6	.45	1
14	Stairs	1	"	STA-2	ABS	Stairways	75	30		1

Crane Part 1 continues

	Name	Amount	Manufacturer	Product #		Product Name	Order Dim	Dim l x h x d mm	Price each	# needed
14a.	Pillar platform frame	multiple	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	Cut to fit	.65	1
	Platform	1	Eduard				sheet	Cut to fit		1
14.b	Pillar platform frame	9 of 2 + 2	"	A-2	ABS	Angles	250 x 1.6 x 1.6	9 x 2 (12 + 5.75)	.65	1
	Between Platform	9	Gold Medal	160-2	Brass	Industrial Walkway	sheet	1 piece 12 x 5.75	16.00	1
14c.	Stair support	5	Plastruct	MS-100	Sty	Square Rod	250 x 2.5 x 2.5	20	.35	1
14d.	Stair supp. bracket	5	"	A-3	ABS	Angles	375 x 2.4 x 2.4	6	.80	1
14e.	stairs	11	Gold Medal	160-35	Brass	Industrial Stairways	sheet	4 per sheet	16.00	3
14f.	Boom stairs	1	Plastruct	SLR-200	Brass	Ladder, railing	sheet	sheet	7.30	2
	Stair support	2 + 2	"	T-2	ABS	Tees	250 x 1.6 x 1.6	2 x 17 + 2 x 19	.75	1
	Platform	1	Eduard		Brass		sheet	Cut to fit		
	Platform frame	multiple	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	Cut to fit	.65	1
	Platform support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6	As needed		
	Platform strengthener	4	"	T-2	ABS	Tees	250 x 1.6 x 1.6	4 x 19		
14g.	Platform	1	Eduard					12 X 12		
	Platform frame	4	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6			
	Platform support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6			
	Safety cage ladder	1	Gold Medal	160-38	Brass	Ind. Safety ladder	sheet	As needed		

Crane Part 2

	Name	Amount	Manufacturer	Product #		Product Name	Order Dim	Dim l x h x d mm	Price each	# needed
15.	Boom	2	Plastruct	ST-12	ABS	Square tubing	375 x 7.9 x 7.9	285	1.75	2
16.	Trolley channel	2	"	H-4	ABS	H-column	375 x 3.2 x 3.2	284	1.10	2
17.	Boom front support	1	"	ST-6	ABS	Square Tubing	375 x 4.8 x 4.8	74	1.10	1
18.	Boom Rod	2	"	MRH-125	Sty	Half rod	250 x 3.2	55	.45	1
19.	Boom Flat piece	2	"	MS-312	Sty	Strip	250 x 3.2 x 0.8	72	.45	1
20.	"	2	"	"	Sty	"	"	86	.45	1
21.	Boom Rod	2	"	MRH-125	Sty	Half rod	250 x 3.2	55		
22.	"	2	"	MRH-80	Sty	"	250 x 2.0	20	.40	1
23.	Boom spider	2	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut	1.45	2
24.	Boom shoe outside	4	"	SSA-108	ABS	Plain Sheet	300 x 175 x 2.0	Special cut	3.65	1
25.	Boom shoe middle	2	"	"	ABS	Plain Sheet	300 x 175 x 2.0	Special cut		
26.	Boom support	2	"	MR-100	Sty	Rod	250 x 2.5	2 of 64	.45	1
	Boom sup con	multiple	"	MR-40	Sty	Rod	250 x 1	Special cut	.35	1
27.	Boom support	1	"	"	Sty	Rod	250 x 2.5	68		
28.	Boom/Roller sup	1	"	RT-8	ABS	Rectangular Tubing	375 x 6.4 x 4.8	68	1.05	1
29.	Walkway frame	2 + 2	"	A-2	ABS	Angles	250 x 1.6 x 1.6	2 x 260 + 2 x 5.7	.65	3
30.	Walkway pole	10	"	T-2	ABS	Tees	250 x 1.6 x 1.6	7 x 11	.75	1
	Walkway support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6	As needed		
31.	Platform frame	2 + 2	"	A-2	ABS	Angles	250 x 1.6 x 1.6	2 x 64 + 2 x 9.5	.65	1
32.	Boom Diagonals	2	"	MR-80	Sty	Rod	250 x 2.0 x 2.0	Fit >38		
33.	Elevated Walkway	1	Gold Medal	160-59	Brass	Industrial Walkway	Sheet 4 x 95	300	16.00	1
34.	Safety ladder	7	"	160-38	Brass	Ind. Safety Cage	Sheet	6 x 20 + 1 x 26	16.00	3
35.	Front Platform	2	"	160-59	Brass	Industrial Walkway	Sheet 4 x 95	75	16.00	1
36.	Trolley Puffer	4	Plastruct	MRQ-125	Sty	Quarter round	250 x 3.2	3.2	.45	1

Crane Part 3

	Name	Amount	Manufacturer	Product #		Product Name	Order Dim	Dim l x h x d mm	Price each	# needed
40.	Rear boom spider	2	Plastruct	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut	1.45	2
41.	Rear boom rod	2	"	MRH-160	Sty	Half round rod	250 x 4.8	91	.45	1
42.	"	2	"	"	Sty	"	250 x 4.8	82	.45	1
43.	"	2	"	"	Sty	"	250 x 4.8	110	.45	1
44.	"	2	"	MRH-125	Sty	Half rod	250 x 3.2	28	.45	1
45.	Trolley channel	2	"	H-4	ABS	H-column	375 x 3.2	236	1.10	2
46.	Rear boom	2	"	ST-12	ABS	Square tubing	375 x 7.9 x 7.9	246	1.75	2
48.	Mach. House Pillars	4	"	C-3	ABS	Channel	250 x 2.4 x .5	14	.80	1
49.	Mach. House Frame	2 + 2	"	A-3	ABS	Angled	375 x 2.4	2 (63 x 44)	.80	1
50.	Machine House	2 + 2	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut	1.45	1
	Mach. House Roof	2	"	"	ABS	"	300 x 175 x .8	23 x 63		
	Mach. House Floor	1	"	"	ABS	"	300 x 175 x .8	63 x 44		
51.	Tool House Supp.	2 + 2	Plastruct	H-3	ABS	H-column	375 x 2.4	2 (63 + 63)	1.00	1
52.	Tool House Angle	2	"	H-2	ABS	"	250 x 1.6	24	.85	1
53.	Tool House	2	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut		
	Tool House Roof	1	"	"	ABS	"	300 x 175 x 0.8	63 x .20		
	Tool House Floor	1	"	"	ABS	"	300 x 175 x 0.8	63 x .20		
	Tool House Wall	2 + 2	"	"	ABS	"	300 x 175 x 0.8	63 x 15 + 74 x 8		
54.	Rear Boom Support	1	"	RT-8	ABS	Rectangular Tubing	375 x 6.4 x 4.8	74		
55.	Rear Boom end Sup	1	"	ST-6	ABS	Square Tubing	375 x 4.8 x 4.8	74		
56.	Walkway Boom con	2	Gold Medal	160-59	Brass	Industrial Walkway	Sheet 4 x 95	Special cut	16.00	1
	Walkway frame	As needed	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	As needed	.65	1
	Walkway support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6	As needed		
57.	Walkway Boom outs	2	Gold Medal	160-59	Brass	Industrial Walkway	Sheet 4 x 95	47		
	Walkway frame	2 + 2	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	47 x 5.75		
	Walkway support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6	As needed		

Crane Part 3 continues

	Name	Amount	Manufacturer	Product #		Product Name	Order Dim	Dim l x h x d mm	Price each	# needed
58.	Upper Walkway	1	Gold Medal	160-59	Brass	Industrial Walkway	Sheet 4 x 95	Special cut	16.00	1
	U. Walkway Frame	multiple	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	multiple	.65	1
	U. Walkway Support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6	As needed	.75	1
59.	Rear Boom rear supp	1	Plastruct	ST-6	ABS	Square Tubing	375 x 4.8 x 4.8	55	1.10	
60.	Ladder	3	Gold Medal	160-35	Brass	Industrial Stairways	sheet	sheet	16.00	1

Crane Part 4

	Name	Amount	Manufacturer	Product #		Product Name	Order Dim	Dim l x h x d mm	Price each	# needed
61.	Swing Arm Trucks	8	Plastruct	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut	1.45	1
61a.	Axle (Trucks to Pillar)	4	"	MR-100	ABS	Rod	250 x 2.5	9.5	.45	1
62.	Wheel	32	"	TB-8	Buty	Tubing	375 x 6.4	4	1.00	1
	Wheel reducer	32	"	TB-4	Buty	Tubing	375 x 3.2	4	.65	1
	Axle	32	"	MIW-2	Brass	Rod	375 x 1.5	6.5	.60	1
63.	Wheel House	1	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut		
	Wheel House Support	6	"	MIW-1	Brass	Rod	375 x 1.1	20	.55	1
64.	Cab	1	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut		
	Glass	multiple								
65.	Trolley slider	2	Plastruct	T-4	ABS	Tee	375 x 3.2	27	.85	1
66.	Trolley Angle Holder	2	"	A-10	ABS	Angled	600 x 7.9	27	1.80	1
	Filler	1	"	Special	ABS	Angled		27 cut from Angled		
67.	Trolley to Boom Plate	2	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	27 x 13		
68.	Trolley Boom	2	"	RTFS-8	Sty	Rectangle	375 x 6.4 x 4.8	46	.80	1
69.	Wheel Boom holder	2	"	RTFS-8	Sty	Rectangle	375 x 6.4 x 4.8			
70.	Wheel for Spreader	4	"	HWL-4	Sty	Handweels	set		3.30	4
	Inside Wheel	2	"	WH-8	Sty	Discs	6.4		.25	2
	Wheel Axle	1	"	TB-4	Buty	Round Tubing	375 x 3.2	20	.65	1
71.	Cover sides	2	"	SSA-103	ABS	Plain Sheet	300 x 175 x 0.8	Special cut	1.45	1
71a.	Cover	1		SSA-102	ABS	Plain Sheet	300 x 175 x 0.8	Special cut	1.20	1
72.	Cab to Boom	2	"	B-3	ABS	I-Beams	250 x 2.4 x 1.2	23	.75	1
73.	Access walkway Cab	1 + 1	Gold Medal	160-59	Brass	Industrial Walkway	sheet	2 x Special cut		
	Access ladder	1	Gold Medal	160-38	Brass	Ind. Safety ladder	sheet	As needed		
	Walkway frame	2 + 2	Plastruct	A-2	ABS	Angles	250 x 1.6 x 1.6	47 x 5.75		
	Walkway support	As needed	"	T-2	ABS	Tees	250 x 1.6 x 1.6	As needed		
	Walkway poles	2	"	T-2	ABS	Tees	250 x 1.6 x 1.6	16		
74.	Spreader Motor Axle	1	"	TB-3	Buty	Round Tubing	375 x 2.4	20	.60	1

