

	Hours	Min	Total Time	PLA		Sub Assembly		
1 Main Body	2	6	11	742	57	114 Head		
2 Spindle Arm	1	0	52	52	8	8 Head		
3 Spindle	1	1	45	105	16	16 Head		
4 Spur Gear	3	0	31	93	4	12 Head		
5 Bobbin Holder	3	0	39	117	6	18 Head		
6 Clamp	2	1	29	178	16	32 Head Support		
7 Body	1	3/4"	EMT Conduit			Base		
8 Foot	2	3	19	398	37	74 Base		
9 Upright	2	4	25	530	46	92 Head Support		
10 Spool	1	1	5	65	8	8 Spool		
11 Spool Cap	1	1	5	65	8	8 Spool		
12 Spool Holder	1	4	0	240	39	39 Base		9:00 Morning
13 Gear Shaft	3	0	10	30	1	3 Head	Needs support	
14 Motor Mount	1	2	21	141	23	23 Base		5:30 8:00
15 Main Shaft	1	8MM Rod				Motor	Cut 219MM	
16 Winder	1	0	49	49	7	7 Head	Cut 80MM	
17 Spool Handle	1	1	8	68	10	10 Spool		8:00 9:00
18 Spool Knob	1	0	45	45	8	8 Spool		
19 Main Gear	1	1	40	100	15	15 Head		
20 Contol	1	2	19	139	20	20 Head Support		
21 Control Cover	1	0	13	13	2	2 Head Support		

Total Hrs 52.83 Filament 509

M5 x 25	10	https://www.amazon.com/gp/product/B07HDL3KVG/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1
M5 x 35	2	https://www.amazon.com/gp/product/B07HDL3KVG/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1
M3 x 16	4	https://www.amazon.com/gp/product/B072FKMYMF/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
M3 x 55	3	https://www.amazon.com/gp/product/B07RRGKZLM/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
M3 x 12	4	https://www.amazon.com/gp/product/B072FKMYMF/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
M3 Nyloc	11	https://www.amazon.com/gp/product/B075ZZW7VL/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
M5 Nyloc	12	https://www.amazon.com/gp/product/B0761189F5/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
8mm Shaft Collar	2	https://www.amazon.com/gp/product/B07KWSW323/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1
608 Bearing	4	Anywhere on Amazon
DPDT Miniture Switch	1	Amazon
Greartisan 15rpm Gearmotor	1	https://www.amazon.com/gp/product/B07YDFYQSS/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1
6mm to 8mm Shaft Coupler	1	https://www.amazon.com/gp/product/B07H5JHK7D/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1
Standard Bobbins	3	https://www.amazon.com/gp/product/B074CWYCST/ref=ppx_yo_dt_b_asin_title_o03_s00?ie=UTF8&psc=1
Super Glue	1	Your Bench
24ga Wire	10'	Goodwill
12v Powersupply, 12W+	1	Goodwill
8mm Shaft x 300	1	https://www.amazon.com/gp/product/B00LREEESC/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1
3/4" EMT Conduit	1	Lowes or HD