

SealerSales FRM-1 120C

Free-Standing Horizontal Dry Ink Coding Continuous Band Sealer

Parts List



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Spare Parts Diagram

To order spare parts, please use diagram and part #s below:

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Figure 5 – Conveyor Table

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FRM-1120C SPARE PARTS DIAGRAM

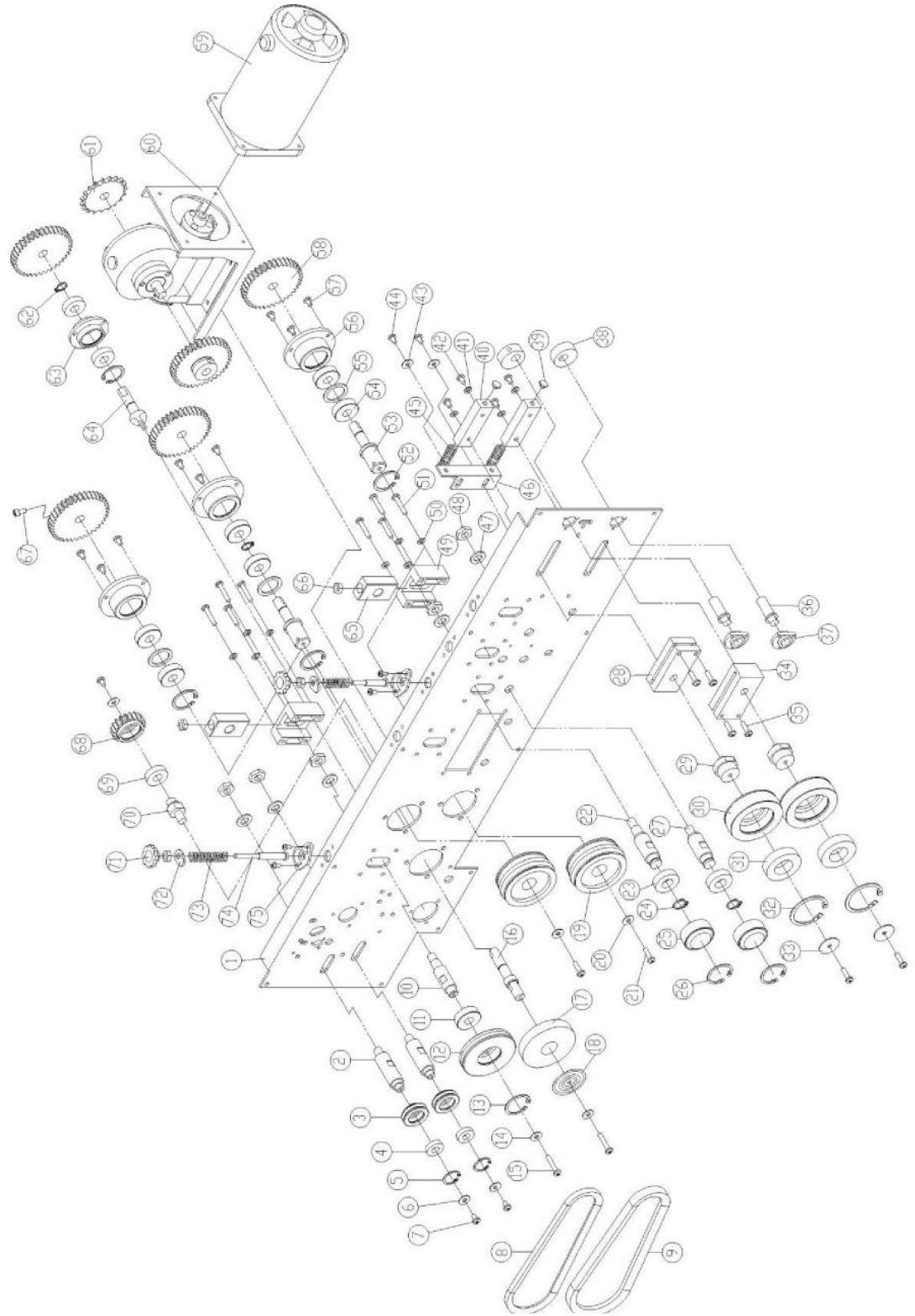


Figure 1. Spare Parts Diagram Overview

FRM-1120C SPARE PARTS DIAGRAM

Figure 2. Spare Parts Diagram Overview

Item	Part #	Quantity	Description	Reference	Comments
1		1	bottom board	106042	
2	FRM-1120C-6B	2	small pulley shaft	106002	
3	FRM-1120C-6A	2	small pulley	106003	Includes #3-5
4	FRM-1120C-6A	2	bearing (626)	GB/T276-1994	Includes #3-5
5	FRM-1120C-6A	2	circlip for hole	GB/T893.1-1986	Includes #3-5
6	Washer-M5x16	2	flat washer	GB/97.1-2002	
7	Screw-M4x8	2	screw	GB/T818-2000	M4x8
8	FRM-1120C-26	1	guiding belt (678×4.5×3.5) (65°)	910803	
9	FRM-1120C-26	1	guiding belt (678×4.5×3.5) (65°)	910803	
10		1	embossing wheel shaft	106006	
11	FRM-1120C-3	1	bearing (6201)	GB/T276-1994	Includes #11-13
12	FRM-1120C-3	1	embossing wheel	106007	Includes #11-13
13	FRM-1120C-3	1	circlip for hole	GB/T893.1-1986	Includes #11-13
14	Washer-M5x16	1	flat washer	GB/T97.1-2002	M5x16
15	Screw-M4x8	1	screw	GB/T818-2000	M4x8
16		1	silicone wheel shaft	106011	
17	FRM-1120C-2	1	silicone wheel assembly	106010	
18		1	silicone wheel cover		
19	FRM-1120C-6	2	driving wheel	106012	
20	Washer-M5x28	2	flat washer		M5x28
21	Screw-M4x8	2	screw	GB/T818-2000	
22	FRM-1120C-22-26	1	upper pressing wheel shaft	106023	Includes #22-25
23	FRM-1120C-22-26	2	bearing (16002)	GB/T276-1994	Includes #22-25
24	FRM-1120C-22-26	2	circlip for shaft	GB/T894.1-1986	Includes #22-25
25	FRM-1120C-22-26	2	pressing wheel	106025	Includes #22-25
26	FRM-1120C-22-26	2	circlip for hole	GB/T893.1-1986	
27	FRM-1120C-21-27	1	lower pressing wheel shaft	106024	Includes #23-27
28	FRM-1120C-13	1	upper driven wheel seat (adjusting block)	106026	
29	FRM-1120C-12a	2	driven wheel shaft	106030	
30	FRM-1120C-12	2	driven wheel	106029	
31		2	bearing (6005)	GB/T276-1991	
32		2	circlip for hole	GB/T893.1-1986	
33	Washer-M5x28	2	washer		M5x28
34	FRM-1120C-13	1	lower driven wheel seat (adjusting block)	106026	
35	Screw-M4x8	4	screw	GB/T818-2000	
36	FRM-1120C-13-36	2	cam shaft	11511011104	
37		2	cam shaft seat	106033	

FRM-1120C SPARE PARTS DIAGRAM

Item	Part #	Quantity	Description	Reference	Comments
38	FRM-1120C-13-38	2	cam	11511011106	
39	Screw-M4x8	2	screw	GB/T818-2000	
40	FRM-1120C-13-40	2	pressing plate for adjusting block	11511011107	
41	FRM-1120C-13-41	4	spacing ring of pressing plate	11511011108	
42	Screw-M4x8	4	screw	GB/T818-2000	
43	WasherM5x16	4	flat washer	GB/T97.1-2002	
44	Screw-M4x8	4	screw	GB/T818-2000	
45	FRM-1120C-13A	2	spring		
46		1	spring seat	106034	
47	Washer-M5x16	2	flat washer	GB/97.1-2002	
48		2	hexagonal nut	GB/T41-2000	
49	FRM-1120C-28-49	2	single slide block seat	106004	
50	Washer-M5x16	8	flat washer	GB/97.1-2002	
51	Screw-M4x8	8	screw	GB/T818-2000	
52	FRM-1120C-6-50-56	3	circlip for hole	GB/T893.1-1986	Includes #52-56
53	FRM-1120C-6-50-56	2	driving wheel shaft	106013	Includes #52-56
54	FRM-1120C-6-50-56	6	bearing (6201)	GB/T276-1994	Includes #52-56
55	FRM-1120C-6-50-56	2	spacing ring of bearing	106009	Includes #52-56
56	FRM-1120C-6-50-56	3	bearing seat	106008	Includes #52-56
57	Screw-M4x8	9	screw	GB/T818-2000	
58	FRM-1120C-35B	5	gear	106014	
59	FRM-1120C-29	1	motor 110V/100W		
	BS-29A	2	motor brush		Not shown
60	FRM-1120C-30	1	worm-gear case assembly	106084	determine gen 1.0 or 2.0
61	FRM-1120C-30-61	1	driving sprocket		
62	Circlip-T894.1-1986	3	circlip for shaft	GB/T894.1-1986	
63		1	bearing seat for connecting shaft	105013	
64		1	connecting shaft		
65	FRM-1120C-28-65	2	slide block	106005	
66	FRM-1120C-28-66	2	spring seat for slide block	106038	
67		5	socket cap screw	GB/T70.1-2000	
68	BS-35-68	1	medium gear	106040	
69		1	bearing (6101)	GB/T276-1994	
70		1	medium gear shaft	106041	
71	FRM-1120C-28A, 28B, or 28C	2	adjusting knob		A = 65mm, B = 77mm, C = 92mm
72	FRM-1120C-28A, 28B, or 28C	2	adjusting screw for slide block	106036	A = 65mm, B = 77mm, C = 92mm
73		2	spring for slide block		
74	FRM-1120C-28A, 28B, or 28C	2	adjusting double-screw bolt for slide block	106037	A = 65mm, B = 77mm, C = 92mm
75	FRM-1120C-28D	2	adjusting seat for slide block	106035	

FRM-1120C SPARE PARTS DIAGRAM

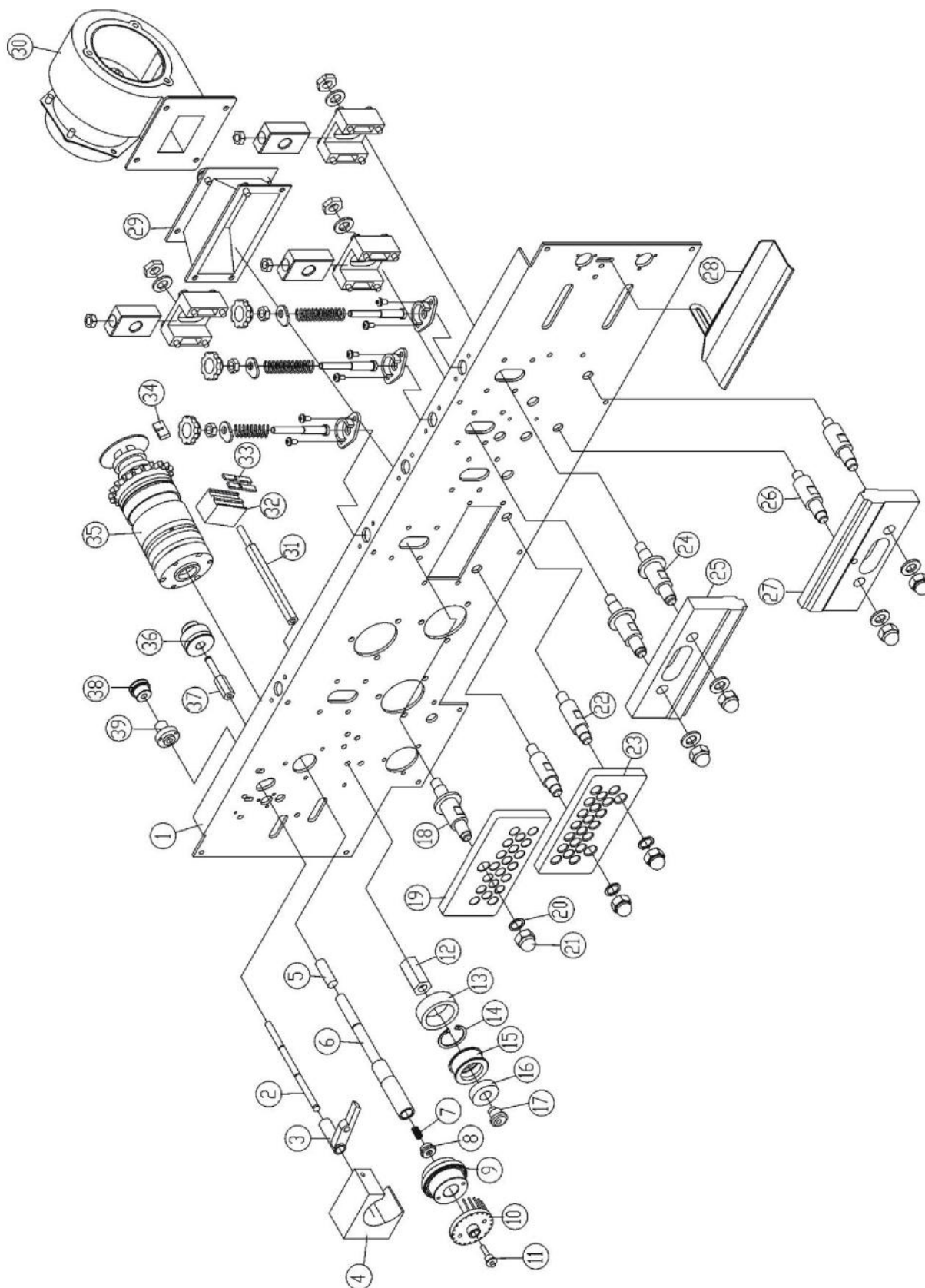


Figure 3. Heating / Cooling Blocks and Dry Ink Coding

FRM-1120C SPARE PARTS DIAGRAM

Figure 4. Heating / Cooling Blocks and Dry Ink Coding

Item #	Part #	Quantity	Description	Reference	Comments
1		1	bottom board	106042	
2	BS-46	1	ink roller shaft	105036	
3	BS-62E-FRM	1	swing pole of ink roller	201007	
4	FRM-1120C-47	1	heating block of ink roller	201002	
5	BS-48C	1	heating pipe 110v/40w	921301	
6		1	printing wheel shaft	106071	
7	BS-48-7	1	spring of holding latch on printing wheel		
8	BS-48-8	1	cover for printing wheel shaft	201015	
9	BS-48B	1	printing wheel	201013	
10	BS-48A	1	printing wheel cover	201014	Includes #10, #11
11	BS-48A	1	holding latch for printing wheel	201016	Includes #10, #11
12		1	printing-silicone wheel shaft	201010	
13	BS-57A	1	silicone ring	910107	
14	BS-57	1	circlip for hole	GB/T893.1-1986	Includes #14-17
15	BS-57	1	core of silicone wheel	201011	Includes #14-17
16	BS-57	1	bearing	GB/T276-1994	Includes #14-17
17	BS-57	1	eccentric sleeve	201012	Includes #14-17
18	FRM-1120C-8-18	1	upper cooling block shaft	11511010502	
19	FRM-1120C-8	2	upper cooling block	11511010503 / 11511010601	Includes #19, #23, sold as pair
20		7	flat washer	GB/97.1-2002	
21		7	cap nut	GB/923-1988	
22	FRM-1120C-8-22	1	lower cooling block shaft	11511010602	
23	FRM-1120C-8	1	lower cooling block	11511010503 / 11511010601	Includes #19, #23, sold as pair
24	FRM-1120C-9-24	2	upper heating block shaft	11511010902	
25	FRM-1120C-9A-SS	1	upper heating block	11511010901 / 11511011002	Includes #25, #27, sold as pair
26	FRM-1120C-9-26	2	lower heating block shaft	11511011001	
27	FRM-1120C-9A-SS	1	lower heating block	11511010901 / 11511011002	Includes #25, #27, sold as pair
28	FRM-1120C-44	1	feed opening	101035	
29		1	wind catcher	106058	
30	FRM-1120C-32	1	fan		
31	BS-64B	1	support for brush	106073	
32	BS-64A	1	carbon brush holder	920423	
33	BS-64C	2	pressing plate of brush	201009	
	BS-64	2	carbon brush		
34	BS-65	1	groove sensor		
35	BS-139-FRM-1120C	1	electromagnetic clutch assembly	A10501	
36	BS-54B	1	middle pulley	105032	
37	BS-54B-35	1	middle pulley shaft	105035	
38	BS-54C-34	1	ink roller shaft pulley	105041	
39	BS-54C	1	seat for ink roller swing pole shaft	201006	

FRM-1120C SPARE PARTS DIAGRAM

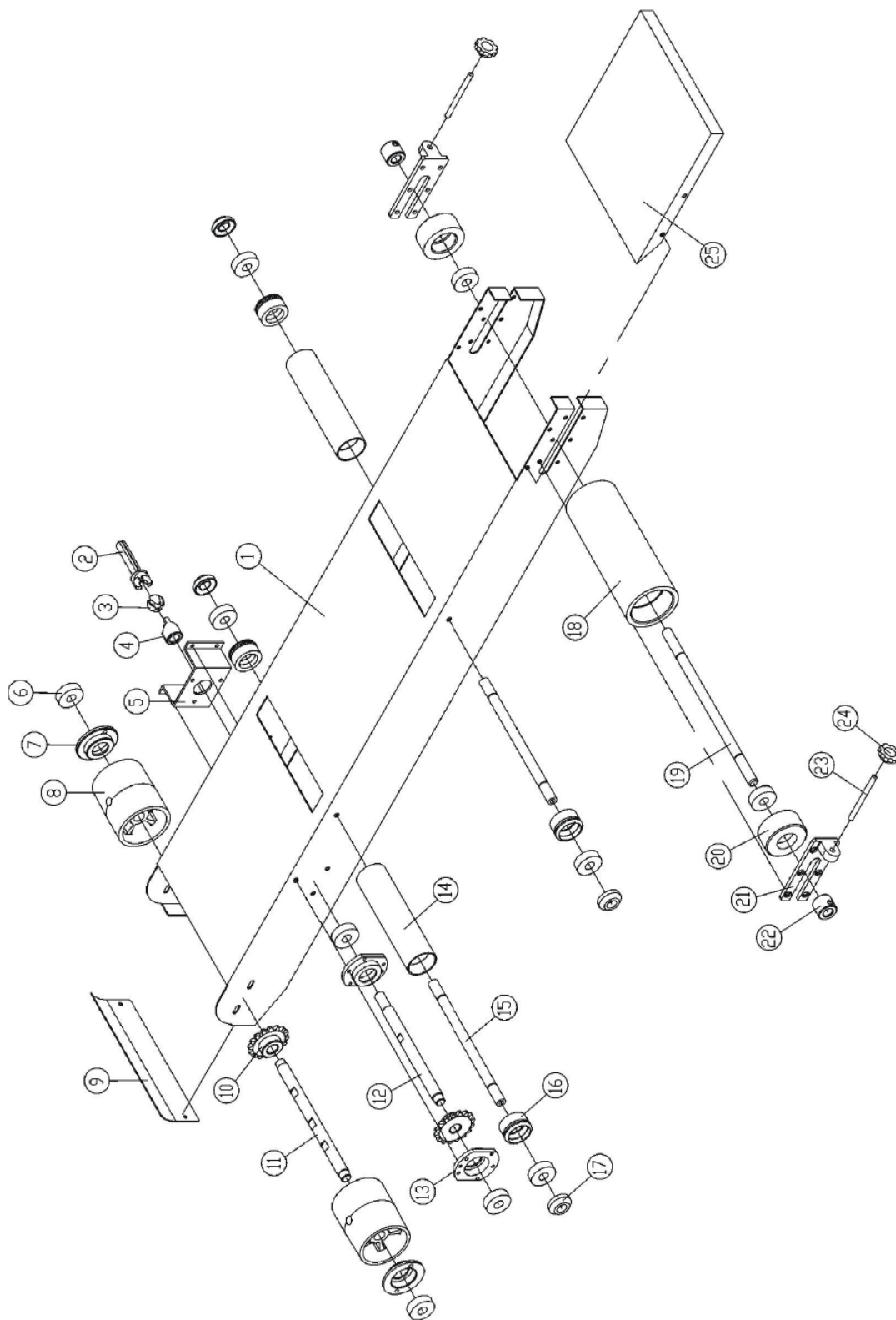


Figure 5. Conveyor Table

FRM-1120C SPARE PARTS DIAGRAM

Figure 6. Conveyor Table

Item #	Part #	Quantity	Description	Reference	Comments
1		1	conveyor table		
2	FRM-1120C-41	1	adjusting shaft		Includes #2-5,#12-13
3	FRM-1120C-41	1	connecting ball		Includes #2-5,#12-13
4	FRM-1120C-41	1	connecting sleeve		Includes #2-5,#12-13
5	FRM-1120C-41	1	base plate for middle shaft	106025	Includes #2-5,#12-13
6	FRM-1120C-37	2	bearing (6201)	GB/T276-1994	Includes #6-8, #10-11
7	FRM-1120C-37	2	bearing seat	106085	Includes #6-8, #10-11
8	FRM-1120C-37	2	front roller of conveyor table	106047	Includes #6-8, #10-11
9		1	outfeed plate	106090	
10	FRM-1120C-37	2	sprocket of conveyor table	106089	Includes #6-8, #10-11
11	FRM-1120C-37	1	front shaft of conveyor table	106044	Includes #6-8, #10-11
12	FRM-1120C-41	1	middle shaft of conveyor table	106045	Includes #2-5,#12-13
13	FRM-1120C-41	2	bearing seat of conveyor table middle shaft	101003	Includes #2-5,#12-13
14		2	middle roller of conveyor table		
15		2	middle roller shaft of conveyor table		
16		4	bearing seat		
17		4	bearing sleeve		
18	FRM-1120C-36	1	rear roller of conveyor table	106048	Includes #18-20
19	FRM-1120C-36	1	rear shaft of conveyor table	106046	Includes #18-20
20	FRM-1120C-36	2	bearing (6201)	GB/T276-1994	Includes #18-20
21		2	adjusting seat of conveyor table	106086	
22	FRM-1120C-16	2	adjusting loop of conveyor table	106051	Includes #22-24
23	FRM-1120C-16				Includes #22-24
24	FRM-1120C-16				Includes #22-24
25	FRM-1120C-15	1	working table		

FRM-1120C SPARE PARTS DIAGRAM

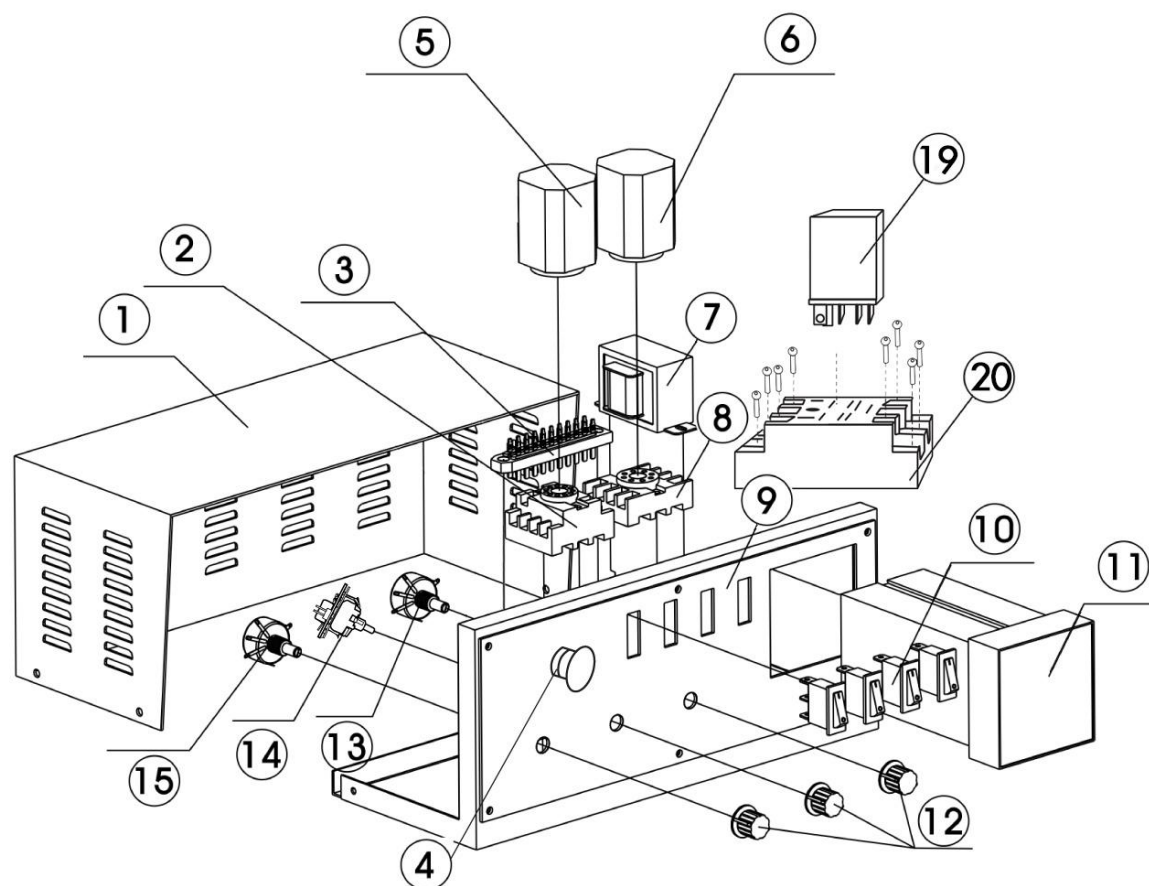


Figure 7. Controller Box

FRM-1120C SPARE PARTS DIAGRAM

Figure 8. Controller Box

Item #	Part #	Quantity	Description	Comments
1		1	rear cover of electric cabinet	
2	BS-45B	1	PF113A relay holder	
3	FRM-1120C-56	1	20 pin socket	
4	BS-22A	1	emergency stop	
5	BS-52C	1	main control PCB	
6	BS-52A	1	speed regulating PCB	
7	BS-66A	1	transformer BK-10/220-13.5V	
8	BS-45A	1	PF083 relay holder	
9		1	control panel	
10	BS-22	1	control switch	specify large or small
11	TMC-XMTE-1000-2	1	temperature controller	determine version by taking temp controller out
	TMC-XMTE-1000-2-0	1	temperature controller	determine version by taking temp controller out
	TMC-E5CSL-QTC-FRM-1120	1	temperature controller	
12	BS-25A	1	knob	
13	BS-51	1	coding potentiometer 1.0M	
14	BS-50A	1	ink temperature potentiometer wih pc board	
	BS-25	1	potentiometer 100K	
15	BS-51	1	coding potentiometer 1.0M	
19	R-JQX-13F	1	Relay	
	R-JG3NA	1	Relay	
20	BS-74A	1	Seat for relay	

Figure 9. Controller Box

FRM-1120C SPARE PARTS DIAGRAM

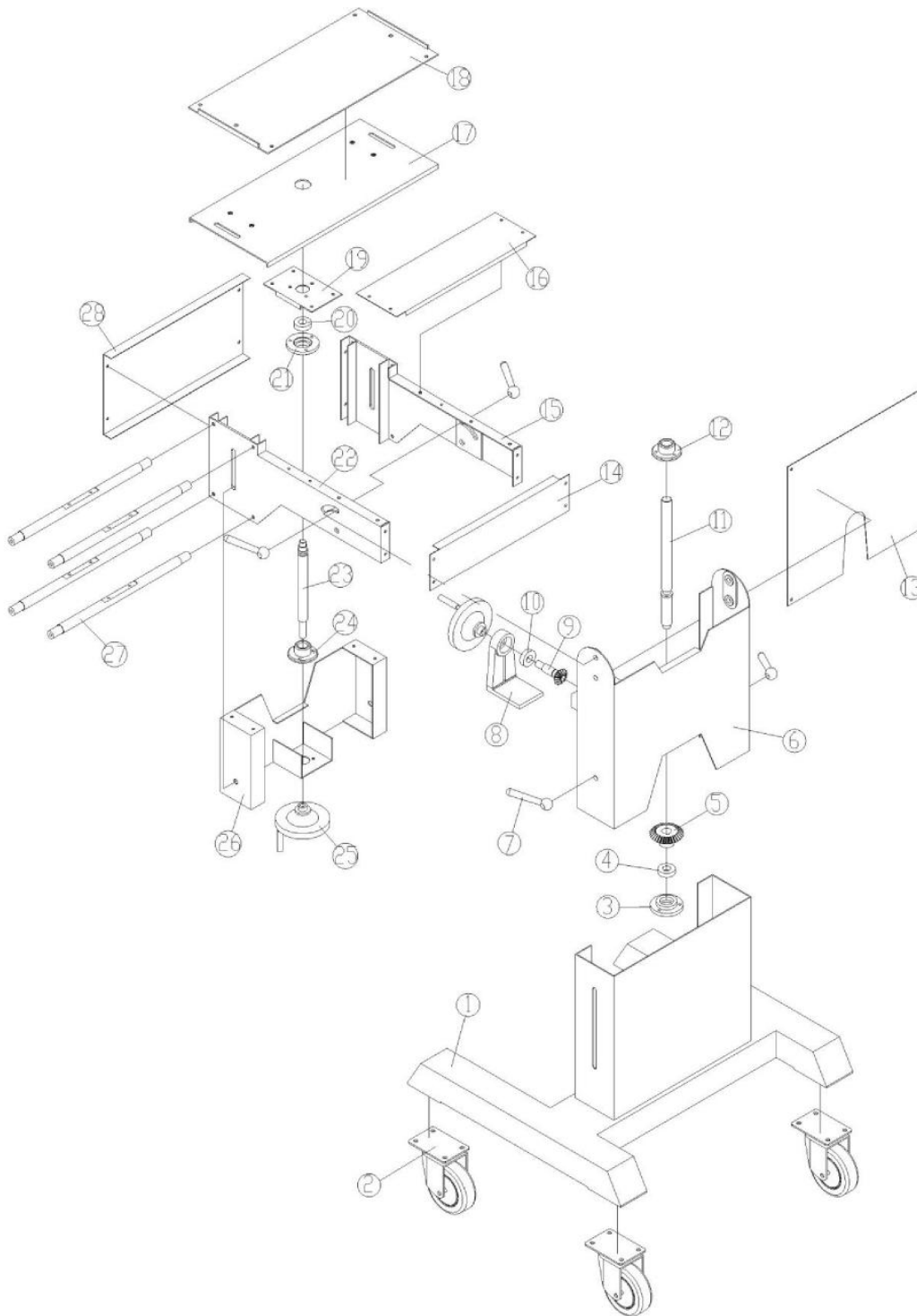


Figure 10. Sealer Rack

Figure 11. Sealer Rack

Item #	Part #	Quantity	Description	Reference	Comments
1		1	pedestal		
2		4	caster		
3		1	bearing seat of lifting screw rod	106064	
4		1	bearing (6201)	GB/T276-1994	
5		1	bevel gear	106061	
6		1	lifting slide block		
7		4	lock handle	106063	
8		1	bevel gear seat	106062	
9		1	handle bevel gear	106060	
10		1	bearing (6201)	GB/T276-1994	
11		1	lifting nut	106067	
12		1	lifting screw rod	106065	
13		1	rear cover of pedestal		
14		1	rear cover of bracket		
15		1	bracket		
16		1	upper cover of bracket		
17	FRM-1120C-20-17	1	connecting plate of bracket slide block	11511050009	
18	FRM-1120C-20-18	1	connecting plate of conveyor table	11511050010	
19		1	support plate of bracket		
20		1	bearing (6201)	GB/T276-1994	
21		1	bearing seat for lifting screw rod	106064	
22		1	bracket		
23		1	screw rod of bracket	106066	
24		1	lifting nut for bracket	106067	
25	FRM-1120C-90	1	handwheel	QB8251.2-98	
26		1	slide block of bracket		
27		1	stay bar for bracket		
28		1	front cover of bracket		

FRM-1120C SPARE PARTS DIAGRAM

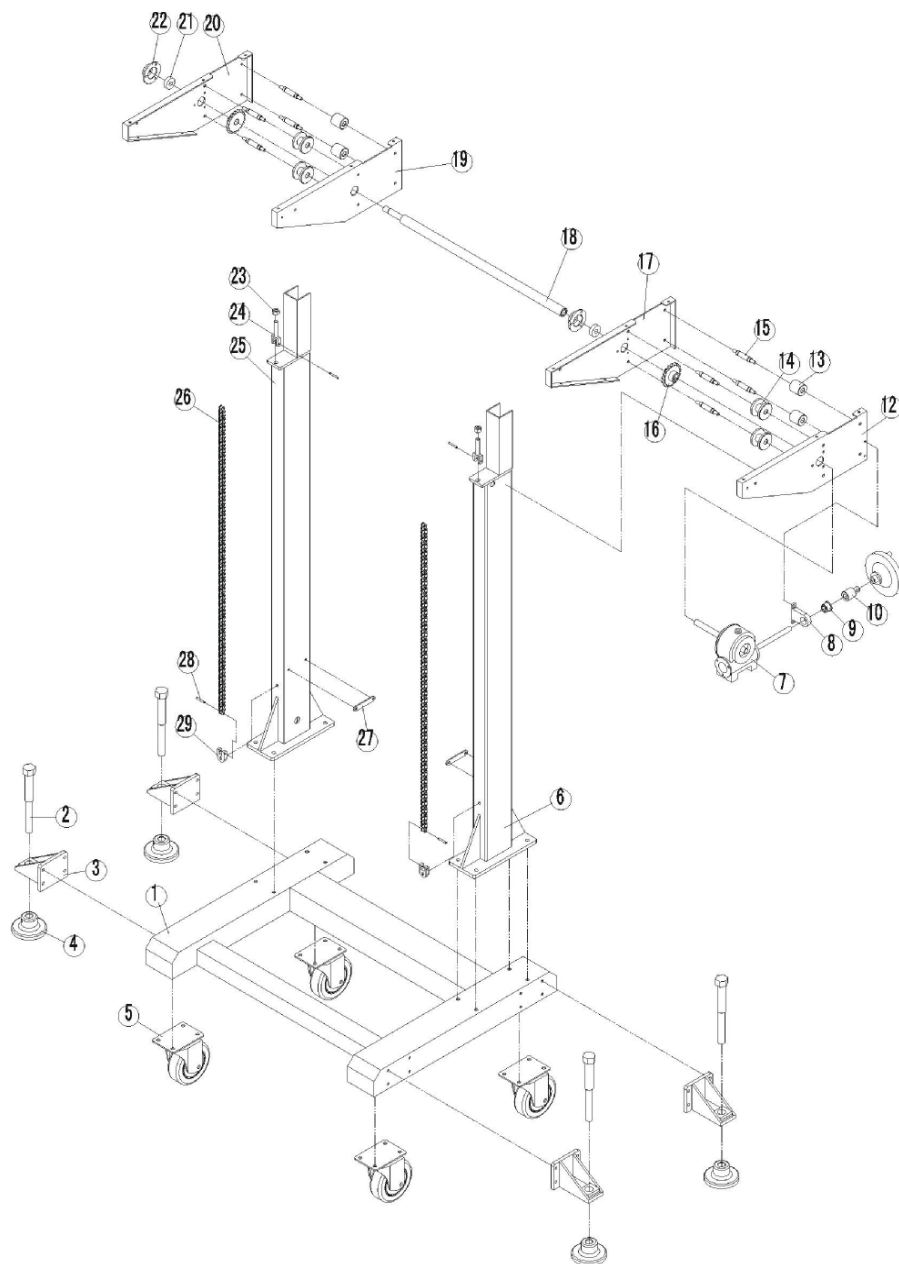


Figure 12. Sealer Rack II

Figure 13. Sealer Rack II

Item #	Part #	Quantity	Description	Reference	Comments
1		1	chassis		
2		4	foot plate bolt		
3		4	foot plate support		
4		4	foot plate		
5		4	caster	910205	
6		1	right upright post		
7		4	wormgear case assembly		
8		1	worm support seat	111077	
9		1	worm bushing	111078	
10		1	connecting head of handle	111086	
11		1	handwheel	930107-2	
12		1	right-out support plate for conveyor table		
13		4	rear roller	111071	
14		4	front roller	111070	
15		8	lifting roller shaft	111072	
16		2	lifting sprocket	111080	
17		1	right-inner support plate for conveyor table		
18		1	lift sprocket shaft	111079	
19		1	left inner support board of conveyor table		
20		1	left out support board of conveyor table		
21		2	shaft sleeve of lift sprocket	111082	
22		2	bearing seat for lift sprocket	111081	
23		2	nut	GB/T41-2000	
24		2	screw rod	111085	
25		1	left upright post		
26		2	chain	930603	
27		2	limiting plate for conveyor table		
28		4	chain pin	111084	
29		2	chain seat	111083	

FRM-1120C SPARE PARTS DIAGRAM

FRM-1120C SPARE PARTS DIAGRAM

Spare Parts List

Included with your band sealer are the following parts. Please note that spare parts included with your band sealer are subject to change without notice.

- ❖ Typeset Box which includes numbers (0-9), numbers (0.-9.), Letters – EXP, MFD, silicone pins (Part# BS-59), tweezers, and allen wrench
- ❖ Power Cord (Part# PWC-CBS)
- ❖ PTFE Sealing Belts (Part# FRM-1120C-10)
- ❖ Drive Belts (Part# FRM-1120C-26)
- ❖ Speed Adjusting PC Board (Part# BS-52A)
- ❖ Central Circuit PC Board (Part# BS-52C)
- ❖ Ink Temperature Potentiometer with Heat PC Board (Part# BS-50A)
- ❖ O-Rings (Part#s BS-53 and BS-54)
- ❖ Silicone Ring (Part#BS-57A)
- ❖ Ink Roller Holder (Part# BS-58)
- ❖ Ink Rollers, 15mm (Part# IT-IR-15-BLK)
- ❖ Groove (Trough) Sensor (BS#BS-65)
- ❖ Carbon Brush for Printer (BS#64)
- ❖ Philips Screwdriver
- ❖ Flat Screwdriver
- ❖ Allen Wrench (3mm and 5mm)
- ❖ Wrench

