



Automatic Meat Slicers

Models: _____

#177SL612A 12" • 1/2 HP

#177SL713A 13" • 3/4 HP

Warning:

Read and understand all INSTRUCTIONS before operating.
Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

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Serial Number Compatibility

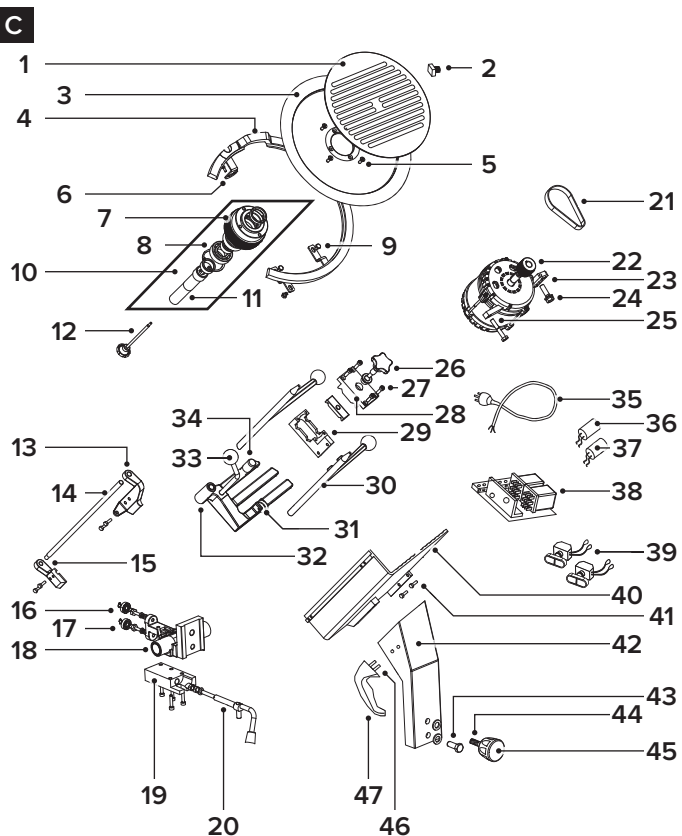
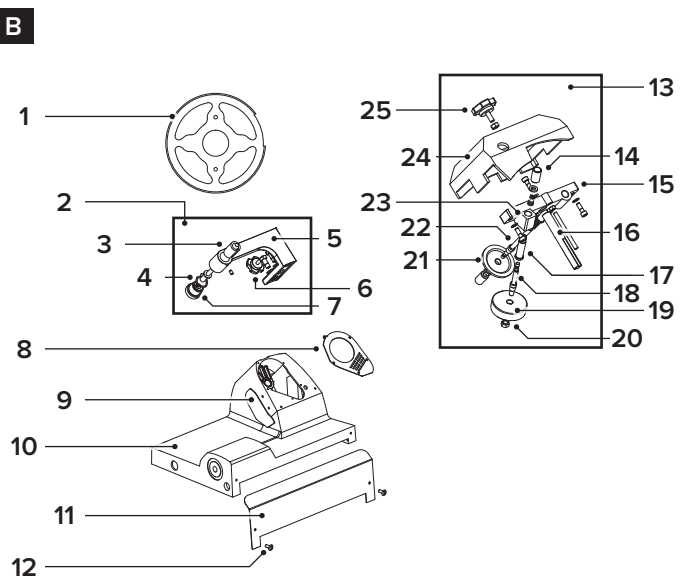
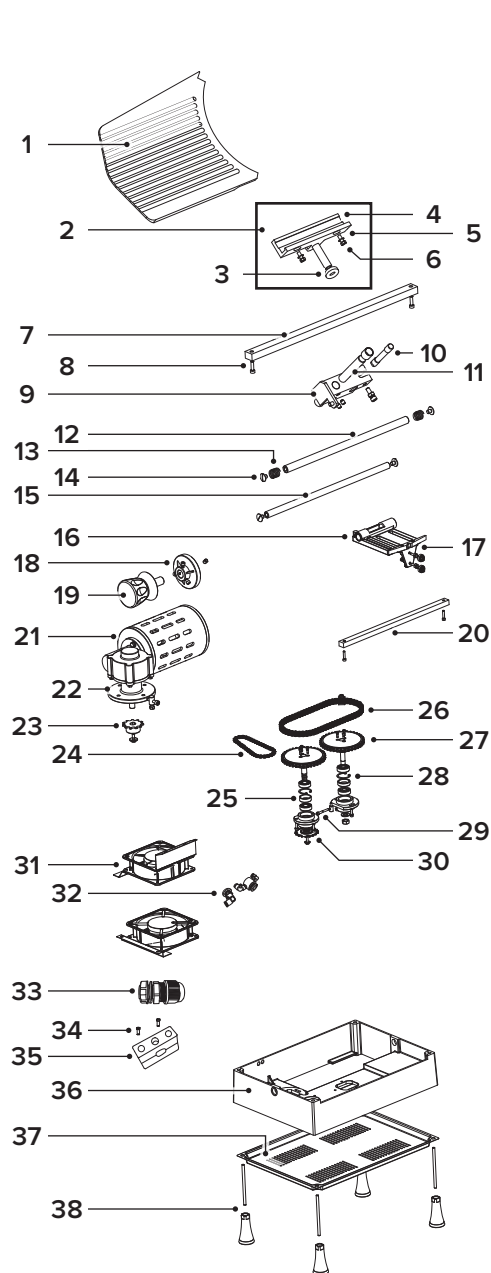
- To determine compatibility, find the serial number on your equipment and use this key to establish the week and year your model was manufactured.
- The first two digits are the week, and the last two digits are the year.
- In this example, the date of manufacture is week **12** of **2025**.

12 **6023** **25**

Week Year

Parts Diagram

177SL612A



Parts List

177SL612A

Section A - Gear Box & Motor

#	Description	Item #	Qty	Applies to Units Produced
1A	Gauge Plate	177PSLA5	1	Prior to week 51 of 2024
1B	Gauge Plate	177PSL2A5	1	Week 51 of 2024 or later
2	Carriage Assembly	177PSLA52	1	Prior to week 51 of 2024
3	Bracket Cover	—	1	—
4	Regulator Plate Bracket	—	1	—
5	Bracket Washer	—	2	—
6	Bracket Bolt	—	1	—
7	Main Spindle	—	1	—
8	Locking Screw	—	2	—
9	Gauge Carriage	177PSLA47	1	—
10	Cam Pin	177PSLA45	1	—
11	Cam Axle	177PSLA46	1	—
12	Upper Tow Bracket Axle	—	1	—
13	Upper Tow Spring	177PSLA58	2	—
14	Screw for Lower Tow Bracket Axle	—	4	—
15	Lower Tow Bracket Axle	177PSLA61	1	—
16	Lower Tow Bracket	177PSLA60	1	—
17	Separator Block	—	1	—
18	Cam Regulator	177PSLA48	1	—
19	Thickness Adjustment Knob	177PSLA15	1	—
20	Lower Tow Bracket Square Axle	—	1	—
21	Carriage Motor	177PSLA67	1	—
22	Gear Box	177SL612GRBX	1	—
23	Small Sprocket	—	1	—
24	Drive Chain	177SL612DCHN	1	—
25	Moving Sprocket Seat Assembly	—	1	—
26	Chain	177PSLACHAIN	1	—
27	Chain Pulley	—	2	—
28	Shift Chain Sprocket Assembly	—	1	—
29	Sprocket Screw	—	1	—
30	Active Large Sprocket	—	1	—
31	Radiator Fan	177PSLA82	2	—
32	Oil Lens	—	1	—
33	Power Cord Bushing	—	1	—
34	Channel Bolt	—	1	—
35	Power Cord Channel	—	1	—
36	Bottom Tray	—	1	—
37	Bottom Plate	—	1	—
38	Metal Foot	177PSLA13	4	—
—	Director Screw	177PSLA92	2	Prior to week 51 of 2024

Parts List

177SL612A

Section B - Sharpener & Ejector Assemblies

#	Description	Item #	Qty	Applies to Units Produced
1	Blade Removal Tool	177PSL312BRT	1	—
2	Ejector Assembly	177PSLA32	1	—
3	Ejector Pin	—	1	—
4	Adjusting Rod	—	1	—
5	Sharpener Frame	—	1	—
6	Sharpener Knob	—	1	—
7	Ejector Knob	—	1	—
8	Gasket	—	1	—
9A	Slice Deflector	177PSLA8	1	Prior to week 51 of 2024
9B	Slice Deflector	177PSL2A8	1	Week 51 of 2024 or later
10	Base	—	1	—
11	Front Panel	—	1	—
12	Bolt for Front Panel	—	2	—
13	Sharpener Assembly	177PSLA99	1	—
14	Sharpener Bolt	—	2	—
15	Sharpener Base	—	1	—
16	Sharpener Shaft	—	1	—
17	Copper Wheel	—	1	—
18	Pin 2	—	1	—
19	Coarse Sharpening Stone	177PSL148	1	—
20	Sharpener Screw	—	1	—
21	Fine Sharpening Stone	177PSLA29	1	—
22	Pin 1	—	1	—
23	Wheel Spring	—	1	—
24	Sharpener Cover	177PSL143	1	—
25	Slicer Sharpener Knob	177PSLSKNB	1	—

Section C - Slicing Assemblies

#	Description	Item #	Qty	Applies to Units Produced
1	Blade Cover	177PSL2105	1	—
2	Square Head Blade Nut	177PSLA39	1	—
3	12" Blade	177SL512BLD	1	—
4	Ring Guard	177PSLA84	1	—
5	M6x20 Blade Screw	177PSLSCREW2	4	—
6	Support Bracket	177PSLA97	1	—
7	Pulley	—	1	—
8	Belt Bearing	—	4	—
9	Blade Ring Brackets	—	1	—
10	Blade Pulley Assembly	177PSLA101	1	—
11	Pulley Wheel Axle	—	1	—
12	Blade Guard Knob	177PSLA41	1	—
13	Slicer Bracket	177PSLA20	1	Prior to week 51 of 2024
14	Slicer Rod	—	1	—
15A	Slicer Rod Connector	177PSLA37	1	Prior to week 51 of 2024
15B	Slicer Rod Connector	177NPSLA37	1	Week 51 of 2024 or later

Parts List

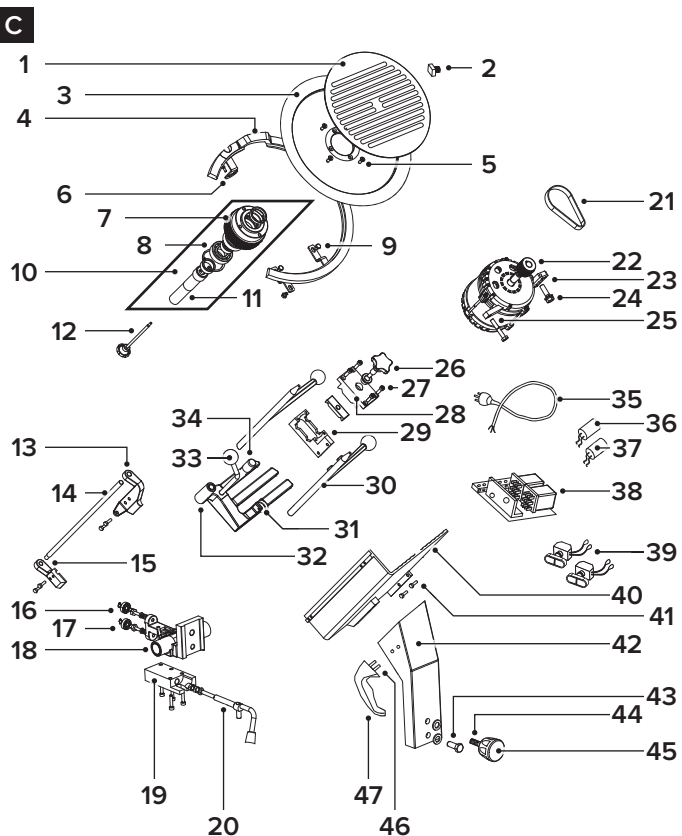
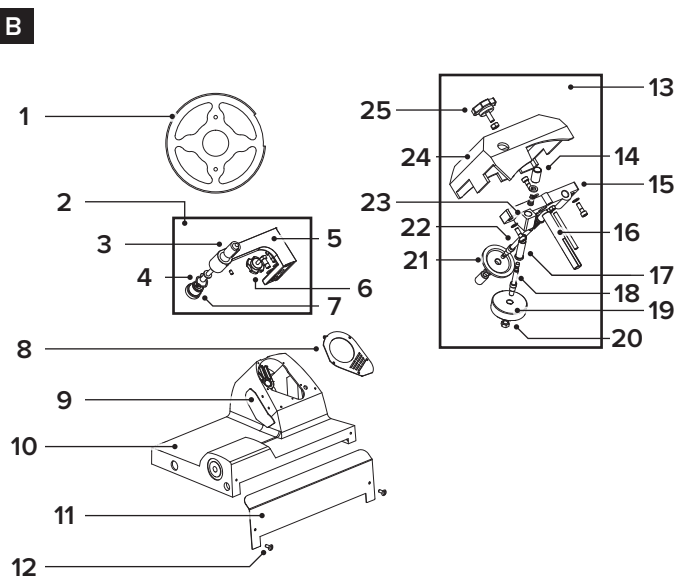
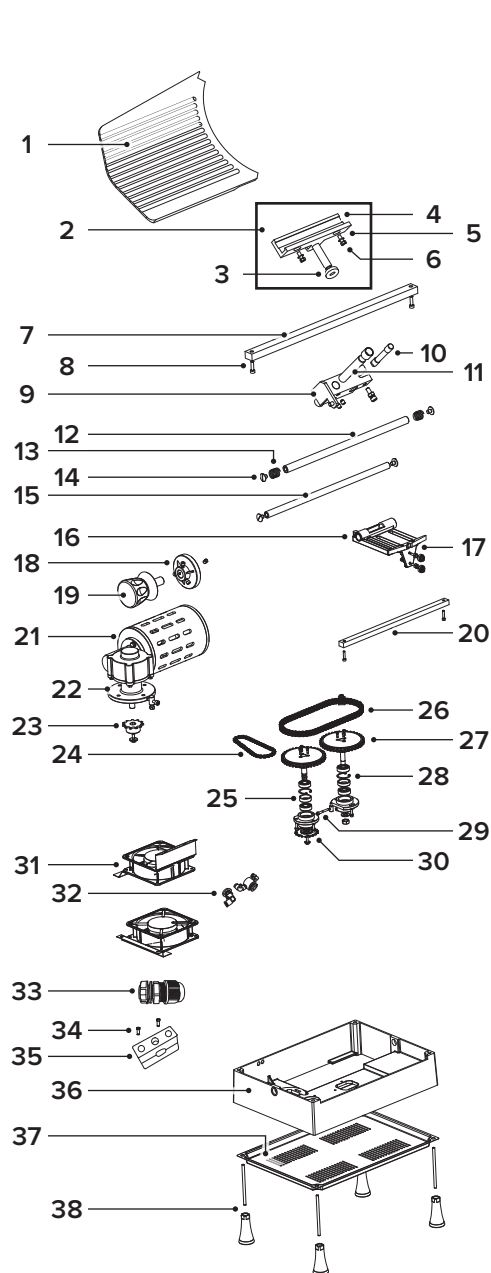
177SL612A

Section C - Slicing Assemblies

#	Description	Item #	Qty	Applies to Units Produced
16	Drag Frame Bearing	177PSLA56	2	—
17	Towing Frame Bearing	177PSLA55	2	—
18	Upper Tow Bracket	177PSLA54	1	—
19	Manual Separator	—	1	—
20	Manual Mode Handle	177PSLA66	1	—
21	Belt	177SL512BELT	1	—
22	Belt Pulley	—	1	—
23	Motor Bracket	—	1	—
24	Motor Bolt	—	1	—
25	Blade Motor	177PSLA9	1	—
26	Horizontal Clamp Knob	177PSLA21	1	—
27	Clamp Bolt	—	4	—
28	Clamp Base	—	1	—
29	Clamp Seat	—	1	—
30	Holder Prong	—	2	—
31	Rod Pulley	—	1	—
32	Product Holder	—	1	—
33	Vertical Clamp Handle	177PSLA17	1	—
34	Product Holder Handle	—	1	—
35	Power Cord	—	1	—
36	Motor Capacitor	177PSLA80	1	—
37	Capacitor	177SL3CAP	1	—
38	Relay	177PSLA81	1	—
39	On / Off Switch	177PSLA16	2	—
40	Hopper	177PSL2A05	1	Week 51 of 2024 or later
41	Acorn Nut and Washer	177PSLASC	6	—
42	Carriage Bracket	—	1	—
43	Carriage Bracket Bolt	—	1	—
44	Threaded Carriage Knob Stud	177SLCTHREAD	1	—
45	Slicer Carriage Knob	177SLCKNOB	1	—
46	Handle Bolt	—	2	—
47	Carriage Push Handle	177PSLA12	1	—
—	Slicer Rod Rubber Bumper	177PSLARUB	1	—
—	Slider Rod Spring	177PSLASPR	1	—
—	Slicer Rod Copper Sleeve	177PSLACOS	1	—

Parts Diagram

177SL713A



Parts List

177SL713A

Section A - Gear Box & Motor

#	Description	Item #	Qty	Applies to Units Produced
1A	Gauge Plate	177P7135	1	Prior to week 51 of 2024
1B	Gauge Plate	177PA7135	1	Week 51 of 2024 or later
2	Carriage Assembly	177PSLA52	1	Prior to week 51 of 2024
3	Bracket Cover	—	1	—
4	Regulator Plate Bracket	—	1	—
5	Bracket Washer	—	2	—
6	Bracket Bolt	—	1	—
7	Main Spindle	—	1	—
8	Locking Screw	—	2	—
9	Gauge Carriage	177PSLA47	1	—
10	Cam Pin	177PSLA45	1	—
11	Cam Axle	177PSLA46	1	—
12	Upper Tow Bracket Axle	—	1	—
13	Upper Tow Spring	177PSLA58	2	—
14	Screw for Lower Tow Bracket Axle	—	4	—
15	Lower Tow Bracket Axle	177PSLA61	1	—
16	Lower Tow Bracket	177PSLA60	1	—
17	Separator Block	—	1	—
18	Cam Regulator	177PSLA48	1	—
19	Thickness Adjustment Knob	177PSLA15	1	—
20	Lower Tow Bracket Square Axle	—	1	—
21	Carriage Motor	177PSLA67	1	—
22	Gear Box	177SL612GRBX	1	—
23	Small Sprocket	—	1	—
24	Drive Chain	177SL612DCHN	1	—
25	Moving Sprocket Seat Assembly	—	1	—
26	Chain	177PSLACHAIN	1	—
27	Chain Pulley	—	2	—
28	Shift Chain Sprocket Assembly	—	1	—
29	Sprocket Screw	—	1	—
30	Active Large Sprocket	—	1	—
31	Radiator Fan	177PSLA82	2	—
32	Oil Lens	—	1	—
33	Power Cord Bushing	—	1	—
34	Channel Bolt	—	1	—
35	Power Cord Channel	—	1	—
36	Bottom Tray	—	1	—
37	Bottom Plate	—	1	—
38	Metal Foot	177PSLA13	4	—
—	Director Screw	177PSLA92	2	Prior to week 51 of 2024

Parts List

177SL713A

Section B - Sharpener & Ejector Assemblies

#	Description	Item #	Qty	Applies to Units Produced
1	Blade Removal Tool	177PSL713BRT	1	—
2	Ejector Assembly	177PSLA32	1	—
3	Ejector Pin	—	1	—
4	Adjusting Rod	—	1	—
5	Sharpener Frame	—	1	—
6	Sharpener Knob	—	1	—
7	Ejector Knob	—	1	—
8	Gasket	—	1	—
9A	Slice Deflector	177PSLA8	1	Prior to week 51 of 2024
9B	Slice Deflector	177PSL2A8	1	Week 51 of 2024 or later
10	Base	—	1	—
11	Front Panel	—	1	—
12	Bolt for Front Panel	—	2	—
13	Sharpener Assembly	177PSLA99	1	—
14	Sharpener Bolt	—	2	—
15	Sharpener Base	—	1	—
16	Sharpener Shaft	—	1	—
17	Copper Wheel	—	1	—
18	Pin 2	—	1	—
19	Coarse Sharpening Stone	177PSL148	1	—
20	Sharpener Screw	—	1	—
21	Fine Sharpening Stone	177PSLA29	1	—
22	Pin 1	—	1	—
23	Wheel Spring	—	1	—
24	Sharpener Cover	177PSL143	1	—
25	Slicer Sharpener Knob	177PSLSKNB	1	—

Section C - Slicing Assemblies

#	Description	Item #	Qty	Applies to Units Produced
1	Blade Cover	177P7136	1	—
2	Square Head Blade Nut	177PSLA39	1	—
3	13" Blade	177P71343	1	—
4	Ring Guard	177P71384	1	—
5	M6x20 Blade Screw	177PSLSCREW2	4	—
6	Support Bracket	177PSLA971	1	—
7	Pulley	—	1	—
8	Belt Bearing	—	4	—
9	Blade Ring Brackets	—	1	—
10	Blade Pulley Assembly	177PSLA101	1	—
11	Pulley Wheel Axle	—	1	—
12	Blade Guard Knob	177PSLA41	1	—
13	Slicer Bracket	177PSLA20	1	Prior to week 51 of 2024
14	Slicer Rod	—	1	—
15A	Slicer Rod Connector	177PSLA37	1	Prior to week 51 of 2024
15B	Slicer Rod Connector	177NPSLA37	1	Week 51 of 2024 or later

Parts List

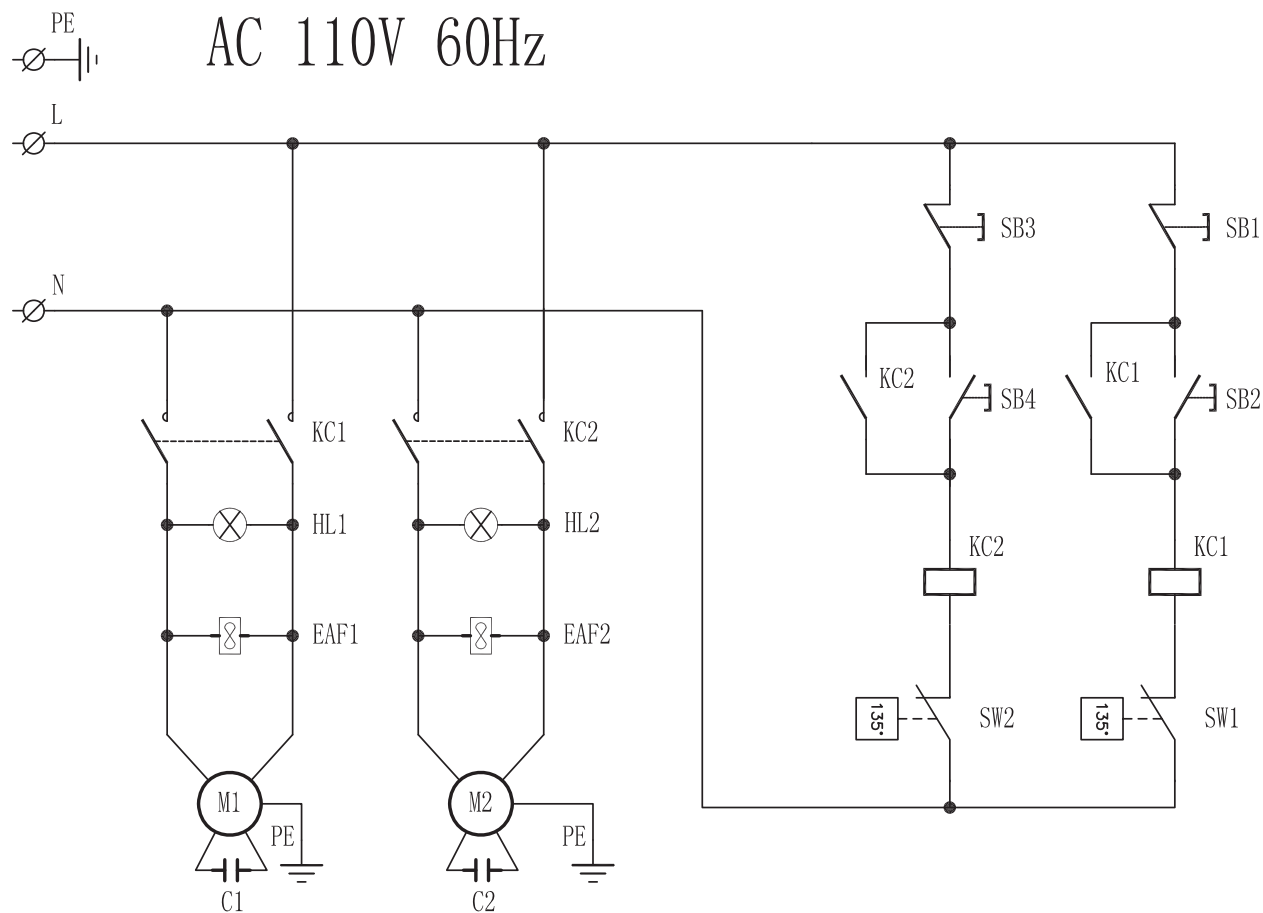
177SL713A

Section C - Slicing Assemblies

#	Description	Item #	Qty	Applies to Units Produced
16	Drag Frame Bearing	177PSLA56	2	—
17	Towing Frame Bearing	177PSLA55	2	—
18	Upper Tow Bracket	177PSLA54	1	—
19	Manual Separator	—	1	—
20	Manual Mode Handle	177PSLA66	1	—
21	Belt	177SL512BELT	1	—
22	Belt Pulley	—	1	—
23	Motor Bracket	—	1	—
24	Motor Bolt	—	1	—
25	Blade Motor	177P7139	1	—
26	Horizontal Clamp Knob	177PSLA21	1	—
27	Clamp Bolt	—	4	—
28	Clamp Base	—	1	—
29	Clamp Seat	—	1	—
30	Holder Prong	—	2	—
31	Rod Pulley	—	1	—
32	Product Holder	—	1	—
33	Vertical Clamp Handle	177PSLA17	1	—
34	Product Holder Handle	—	1	—
35	Power Cord	—	1	—
36	Motor Capacitor	177PSLA80	1	—
37	Capacitor	177SL3CAP	1	—
38	Relay	177PSLA81	1	—
39	On / Off Switch	177PSLA16	2	—
40	Hopper	177PSL2A05	1	Week 51 of 2024 or later
41	Acorn Nut and Washer	177PSLASC	6	—
42	Carriage Bracket	—	1	—
43	Carriage Bracket Bolt	—	1	—
44	Threaded Carriage Knob Stud	177SLCTHREAD	1	—
45	Slicer Carriage Knob	177SLCKNOB	1	—
46	Handle Bolt	—	2	—
47	Carriage Push Handle	177PSLA12	1	—
—	Slicer Rod Rubber Bumper	177PSLARUB	1	—
—	Slider Rod Spring	177PSLASPR	1	—
—	Slicer Rod Copper Sleeve	177PSLACOS	1	—

Wiring Diagram

177SL612A & 177SL713A



KC-Relay, HL-Lamp, EAF1-Fan (Blade), EAF2-Fan (Reciprocating),
M1-Motor (Blade), M2-Motor (Reciprocating), C-Capacitor,
SB1-OFF (Blade), SB2-ON (Blade),
SB3-OFF (Reciprocating), SB4-ON (Reciprocating),
SW-Transformer