



CATALOG OF REPLACEMENT PARTS

HSL SPIRAL MIXERS

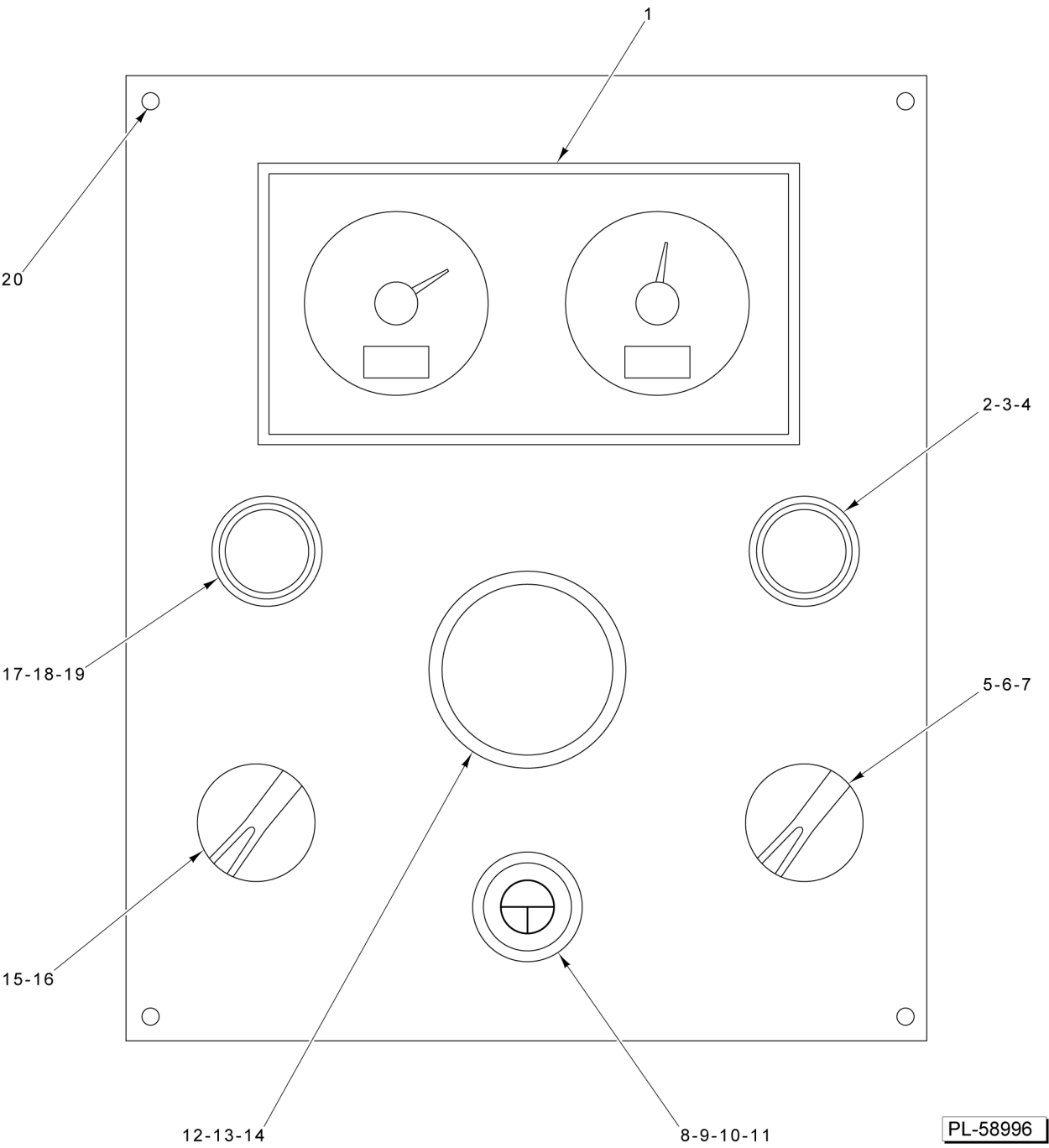


ML-134446
ML-134447
ML-134448
ML-141073

HSL180
HSL220
HSL300
HSL350

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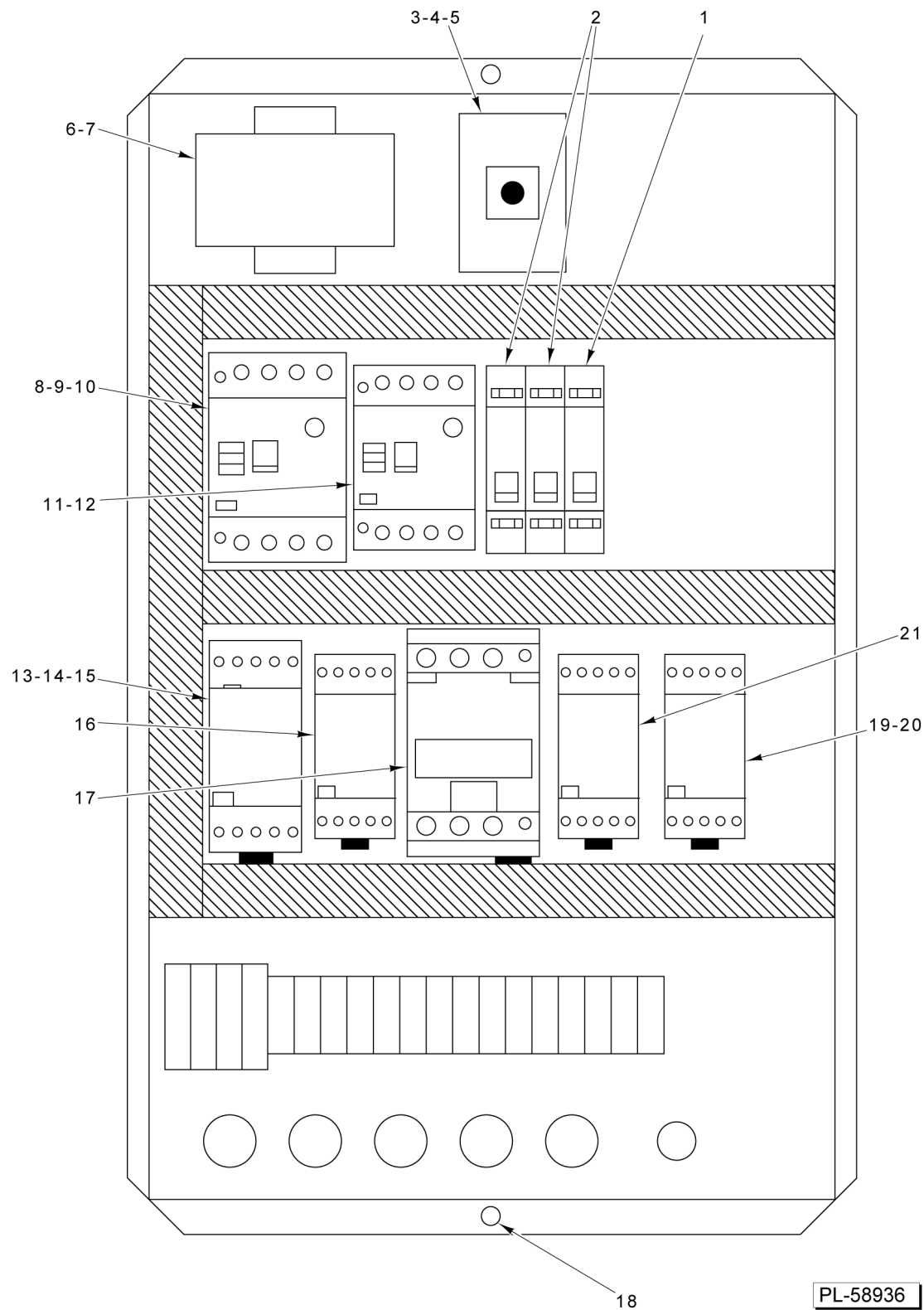
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CONTROLS

CONTROLS

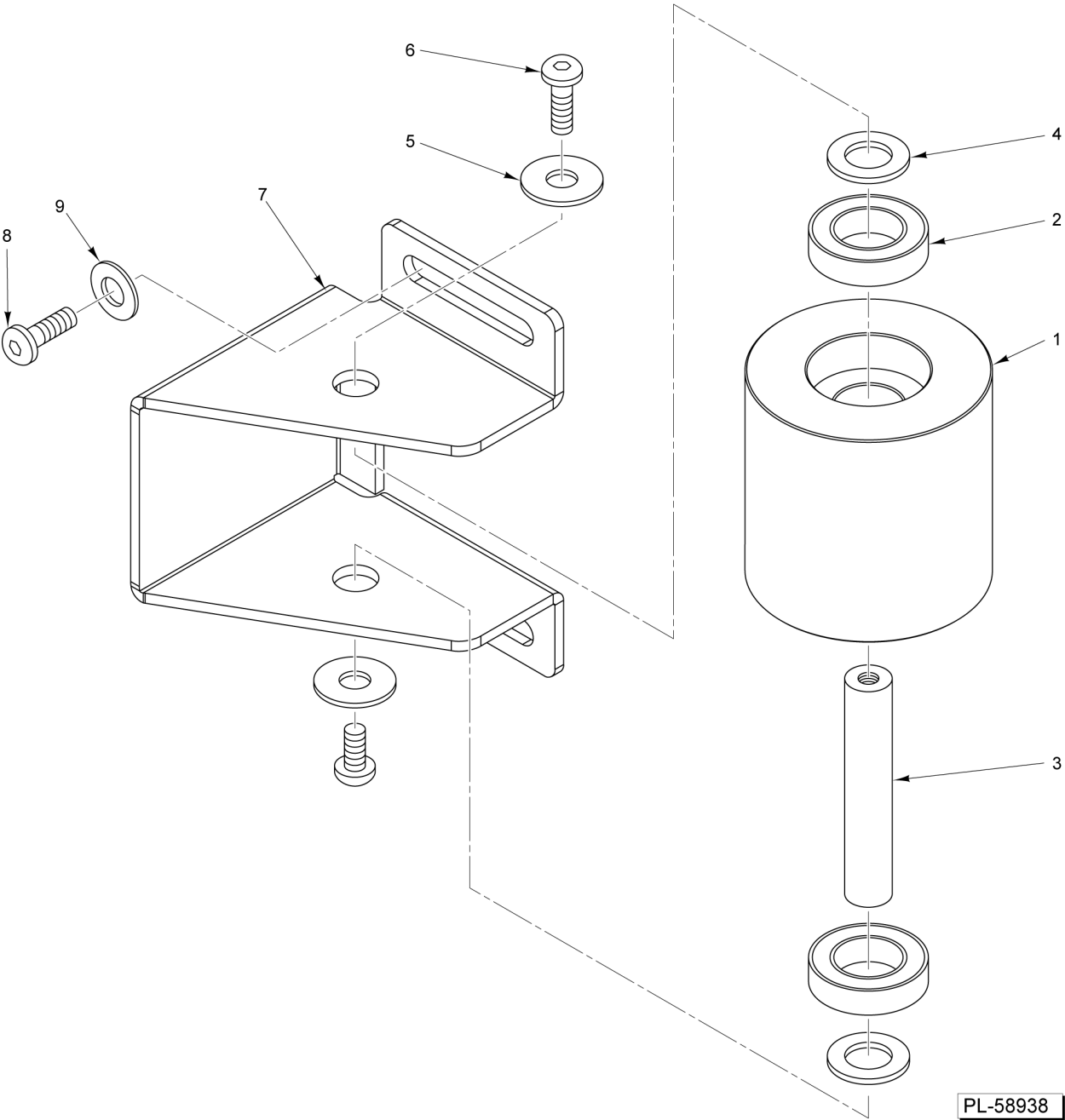
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58996			
1	00-917671-00243	Timer - Digital Double.....	1
2	00-917671-00108	Switch (Start 2).....	1
3	00-917671-00104	Contact.....	1
4	00-917671-00109	Lamp - LED.....	1
5	00-917671-00102	Switch - Head Selector (2-Position).....	1
6	00-917671-00104	Contact.....	1
7	00-917671-00105	Contact.....	3
8	00-917671-00110	Button - Impulse Tank.....	1
9	00-917671-00104	Contact.....	1
10	00-917671-00111	Button - Plate With Inscription (HSL180, HSL220, & HSL300).....	1
11	00-917671-00220	Button (HSL350).....	1
12	00-917671-00106	Contact - Stop Button.....	1
13	00-917671-00103	Contact.....	1
14	00-917671-00107	Contact.....	1
15	00-917671-00102	Switch - Head Selector (2-Position).....	1
16	00-917671-00103	Contact.....	1
17	00-917671-00108	Switch (Start 1).....	1
18	00-917671-00104	Contact.....	1
19	00-917671-00109	Lamp - LED.....	1
20		Screw M3.9 x 16 Hex Button Hd.....	4



ELECTRICAL COMPONENTS

ELECTRICAL COMPONENTS

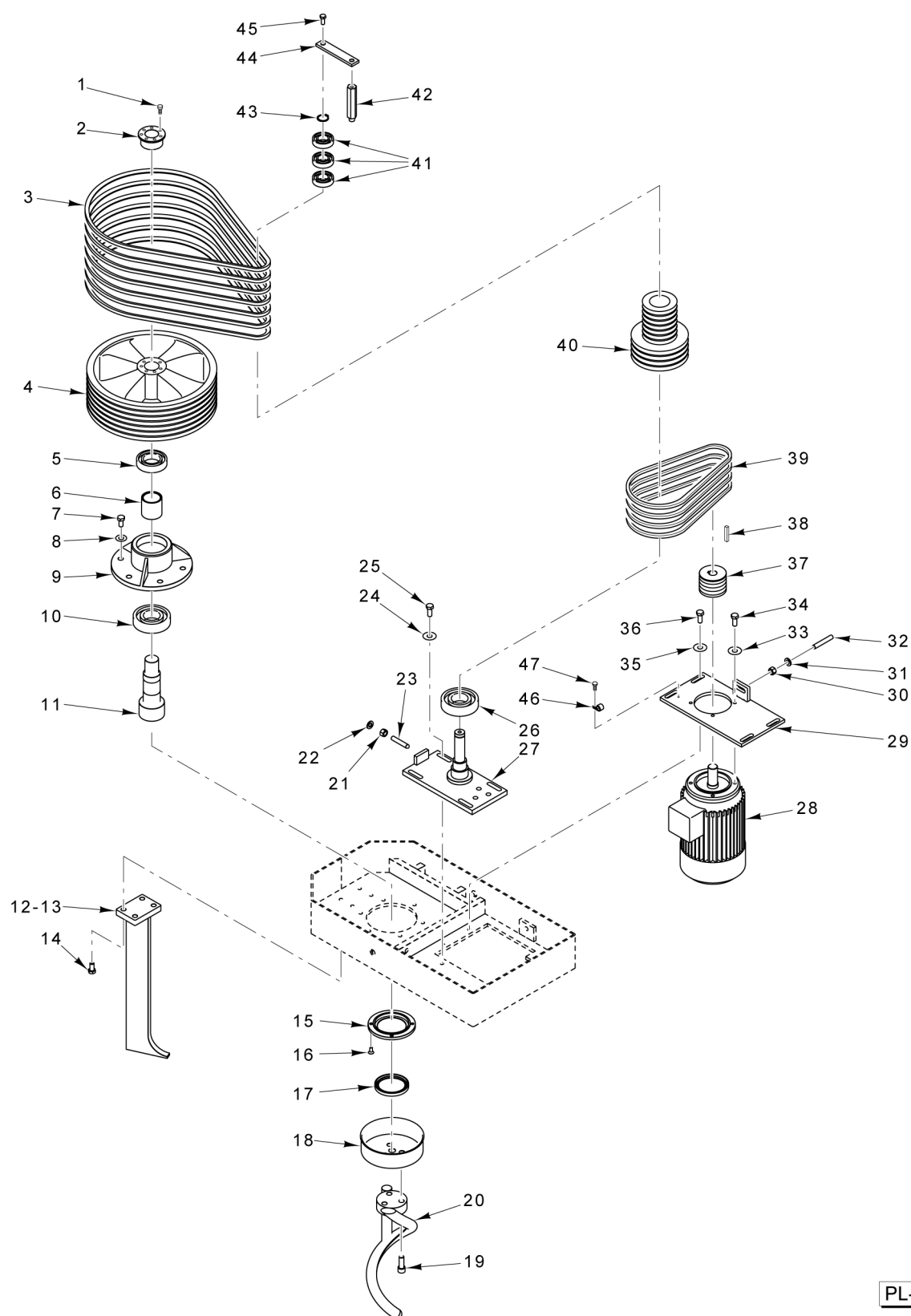
ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58936			
1	00-917671-00093	Breaker - Circuit Therm. Magn.....	1
2	00-917671-00092	Breaker - Circuit Therm. Magn.....	2
3	00-917671-00089	Controller - Manual Motor (HSL180, HSL220, & HSL300).....	1
4	00-917671-00091	Shaft - Extensions.....	1
5	00-917671-00183	Switch - Main (HSL350).....	1
6	00-917671-00088	Transformer (HSL180, HSL220, & HSL300).....	1
7	00-917671-00184	Transformer (250 VA, 208-230 V., 24A) (HSL350).....	1
8	00-917671-00099	Breaker - Circuit Motor (HSL180, HSL220, & HSL300).....	1
9	00-917671-00100	Switch - Side Mount Aux.....	1
10	00-917671-00185	Breaker - Circuit (HSL350).....	1
11	00-917671-00101	Breaker - Circuit Motor.....	1
12	00-917671-00100	Switch - Side Mount Aux.....	1
13	00-917671-00094	Contactor (HSL180, HSL220, & HSL300).....	1
14	00-917671-00095	Block - Inst. Contact.....	1
15	00-917671-00186	Contactor (HSL350).....	1
16	00-917671-00096	Contactor.....	1
17	00-917671-00094	Contactor.....	1
18		Screw M6 x 12 Hex Button Hd.....	2
19	00-917671-00098	Contactor (HSL180, HSL220, & HSL300).....	1
20	00-917671-00188	Contactor (HSL350).....	1
21	00-917671-00097	Contactor.....	1



BOWL THRUST BLOCK ROLLER

BOWL THRUST BLOCK ROLLER

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58938			
1	00-917671-00061	Roller.....	1
2	00-917671-00014	Roller - Thrust.....	2
3	00-917671-00191	Pin.....	1
4		Washer.....	2
5		Washer.....	2
6		Screw M6 x 12 Hex Button Hd.....	2
7		Support (Right & Left).....	1
8		Screw M8 x 16 Hex Button Hd.....	2
9		Washer.....	2

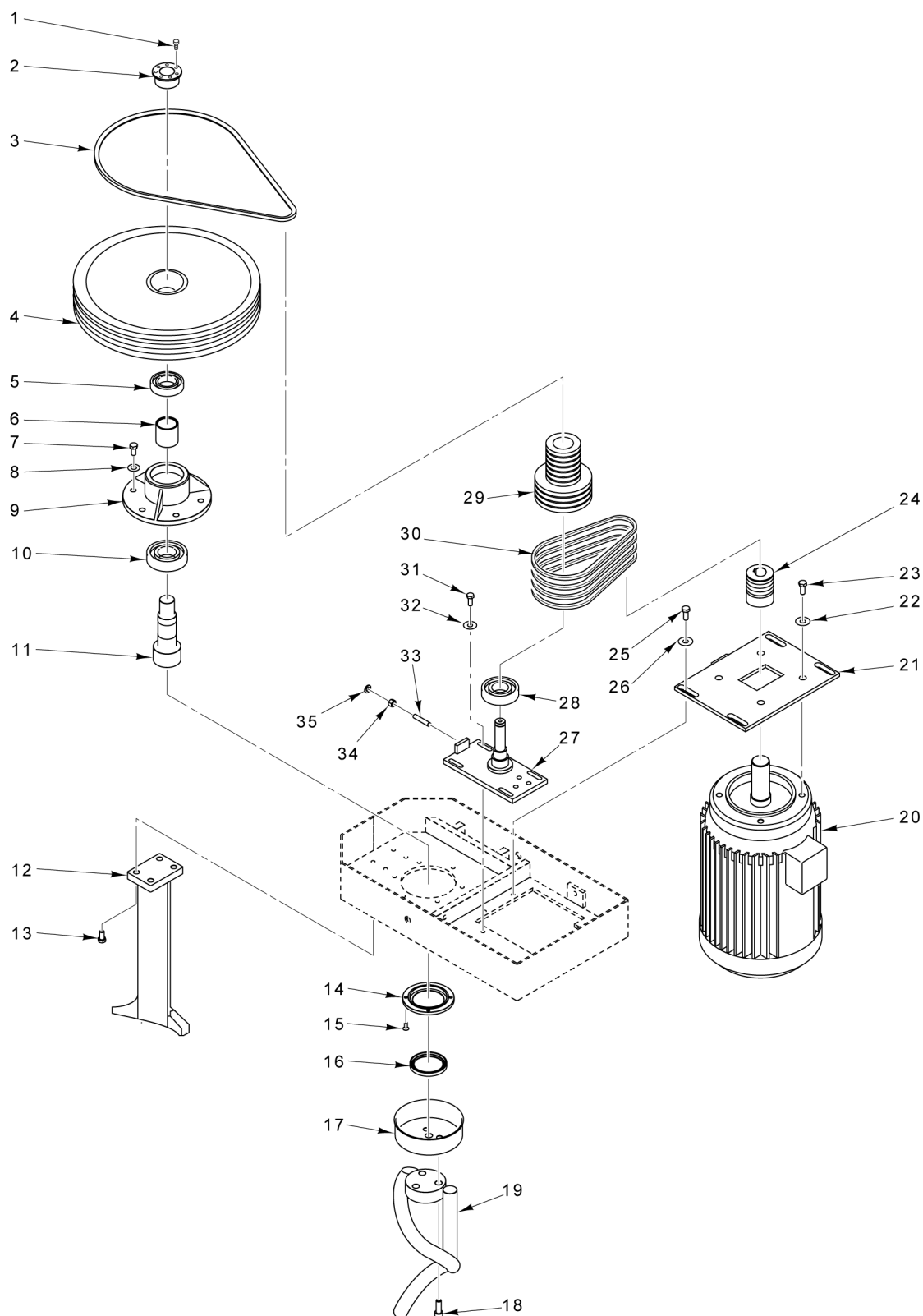


PL-58917

**MIXER MOTOR AND COMPONENTS
(HSL180, HSL220, AND HSL300)**

MIXER MOTOR AND COMPONENTS (HSL180, HSL220, AND HSL300)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58917A			
1		Screw M8 x 30 Hex Socket Hd.....	7
2	00-917671-00074	Lock - Taper.....	1
3	00-917671-00025	Belt - XPZ 1750.....	7
4	00-917671-00063	Pulley - Rotating Spiral.....	1
5	00-917671-00022	Bearing - 6011 2RS.....	1
6	00-917671-00056	Spacer - Shaft.....	1
7		Screw M12 x 30 Hex Hd.....	6
8		Washer.....	6
9	00-917671-00044	Support - Spiral.....	1
10	00-917671-00021	Bearing - 3211.....	1
11	00-917671-00062	Shaft - Spiral.....	1
12	00-917671-00064	Column (HSL180 and HSL220).....	1
13	00-917671-00116	Column (HSL300).....	1
14		Screw M12 x 40 Hex Hd.....	4
15	00-917671-00047	Support - Top Cover Spiral.....	1
16		Screw.....	4
17	00-917671-00065	Ring - Retaining.....	1
18	00-917671-00065	Ring - Retaining.....	1
19		Screw M16 x 60 Hex Hd.....	3
20	00-917671-00029	Tool - Spiral Mixing (SST).....	1
21		Nut (Adjusting).....	1
22		Washer.....	1
23	00-917671-00048	Rod - Tie.....	1
24		Washer.....	4
25		Screw M12 x 35 Hex Hd.....	4
26	00-917671-00016	Bearing - 6313 LLU/5K.....	1
27	00-917671-00069	Transmission - On Plate.....	1
28	00-917671-00072	Motor.....	1
29	00-917671-00068	Plate - Motor Support.....	1
30		Nut (Adjusting).....	3
31		Washer.....	2
32	00-917671-00048	Rod - Tie.....	1
33		Washer.....	4
34		Screw M10 x 30 Hex Hd.....	4
35		Washer.....	4
36		Screw M12 x 35 Hex Hd.....	4
37	00-917671-00046	Pulley - Motor.....	1
38		Key.....	1
39	00-917671-00026	Belt - XPZ 825.....	4
40	00-917671-00067	Pulley.....	1
41	00-917671-00001	Bearing - 6206 LLU/5K.....	3
42	00-917671-00066	Bar.....	1
43	00-917671-00073	Seeger Ring.....	1
44	00-917671-00045	Plate - Connection.....	1
45		Screw M8 x 20 Socket Button Hd.....	2
46		Clamp.....	1
47		Screw M5 x 12.....	1

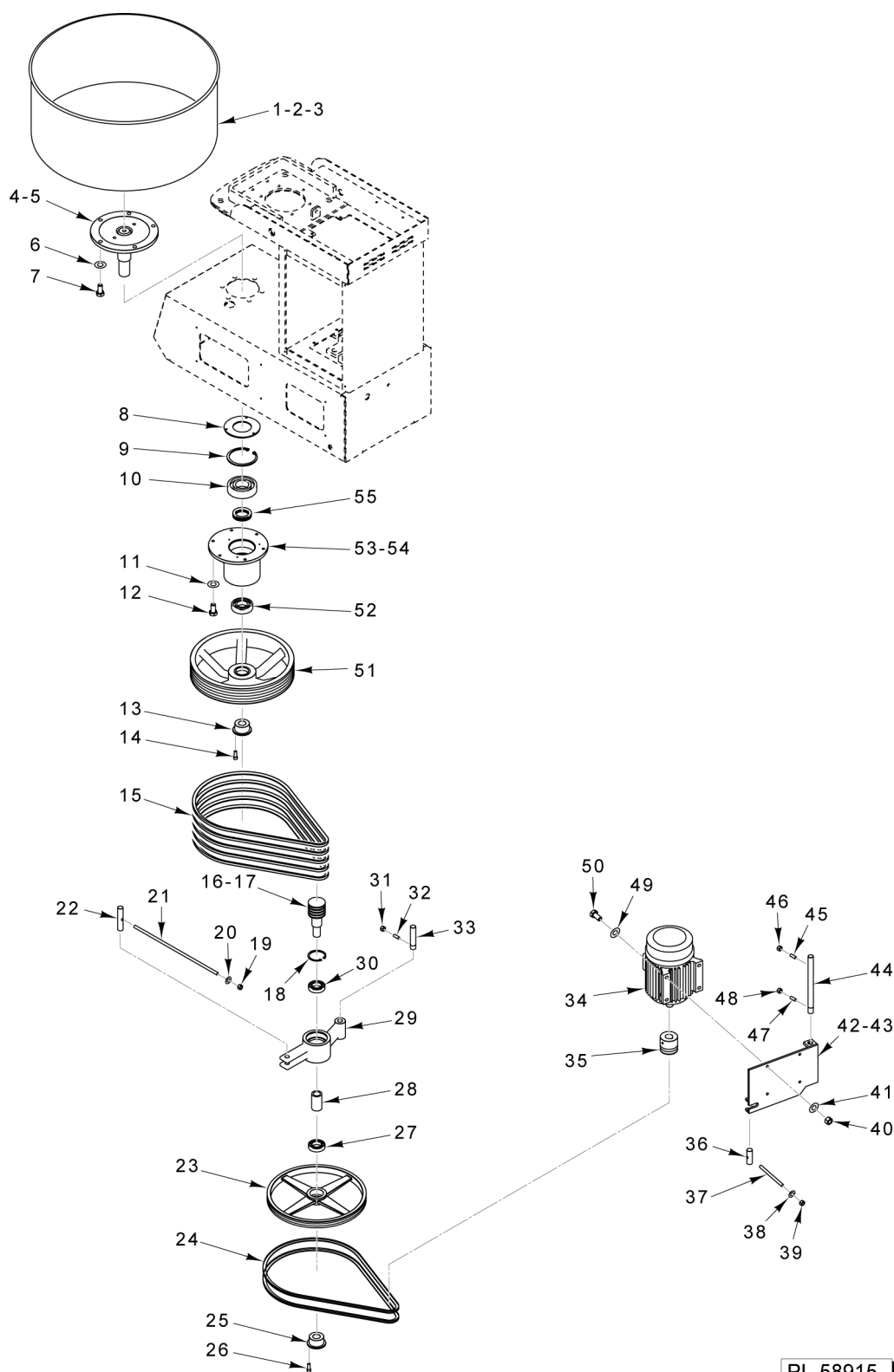


PL-61208

MIXER MOTOR AND COMPONENTS (HSL350)

MIXER MOTOR AND COMPONENTS (HSL350)

ILLUS. PL-61208	PART NO.	NAME OF PART	AMT.
1		Screw M8 x 30 Hex Socket Hd.....	7
2	00-917671-00135	Lock - Taper.....	1
3	00-917671-00037	Belt - XPZ 1800.....	8
4	00-917671-00171	Pulley - Spiral.....	1
5	00-917671-00019	Bearing - 3212.....	1
6	00-917671-00136	Spacer - Shaft.....	1
7		Screw M12 x 30 Hex Hd.....	6
8		Washer.....	6
9	00-917671-00133	Support - Spiral.....	1
10	00-917671-00033	Bearing - 6212.....	1
11	00-917671-00169	Shaft - Spiral.....	1
12	00-917671-00138	Column.....	1
13		Screw M12 x 40 Hex Hd.....	4
14	00-917671-00154	Support - Top Cover Spiral.....	1
15		Screw.....	4
16	00-917671-00204	Ring - Retaining.....	1
17	00-917671-00155	Sump - Spiral.....	1
18		Screw M16 x 60 Hex Hd.....	3
19	00-917671-00153	Tool - Spiral Mixing.....	1
20	00-917671-00223	Motor, 208V.....	1
21	00-917671-00168	Plate - Motor Support.....	1
22		Washer.....	4
23		Screw M10 x 30 Hex Hd.....	4
24	00-917671-00214	Pulley.....	1
25		Screw M12 x 35 Hex Hd.....	4
26		Washer.....	4
27	00-917671-00217	Support - Double Pulley.....	1
28	00-917671-00016	Bearing - 6313 LLU/5K.....	1
29	00-917671-00215	Pulley - Spiral.....	1
30	00-917671-00026	Belt - XPZ 825.....	1
31		Screw M12 x 35 Hex Hd.....	4
32		Washer.....	4
33	00-917671-00048	Rod - Tie.....	1
34		Nut.....	1
35		Washer.....	1

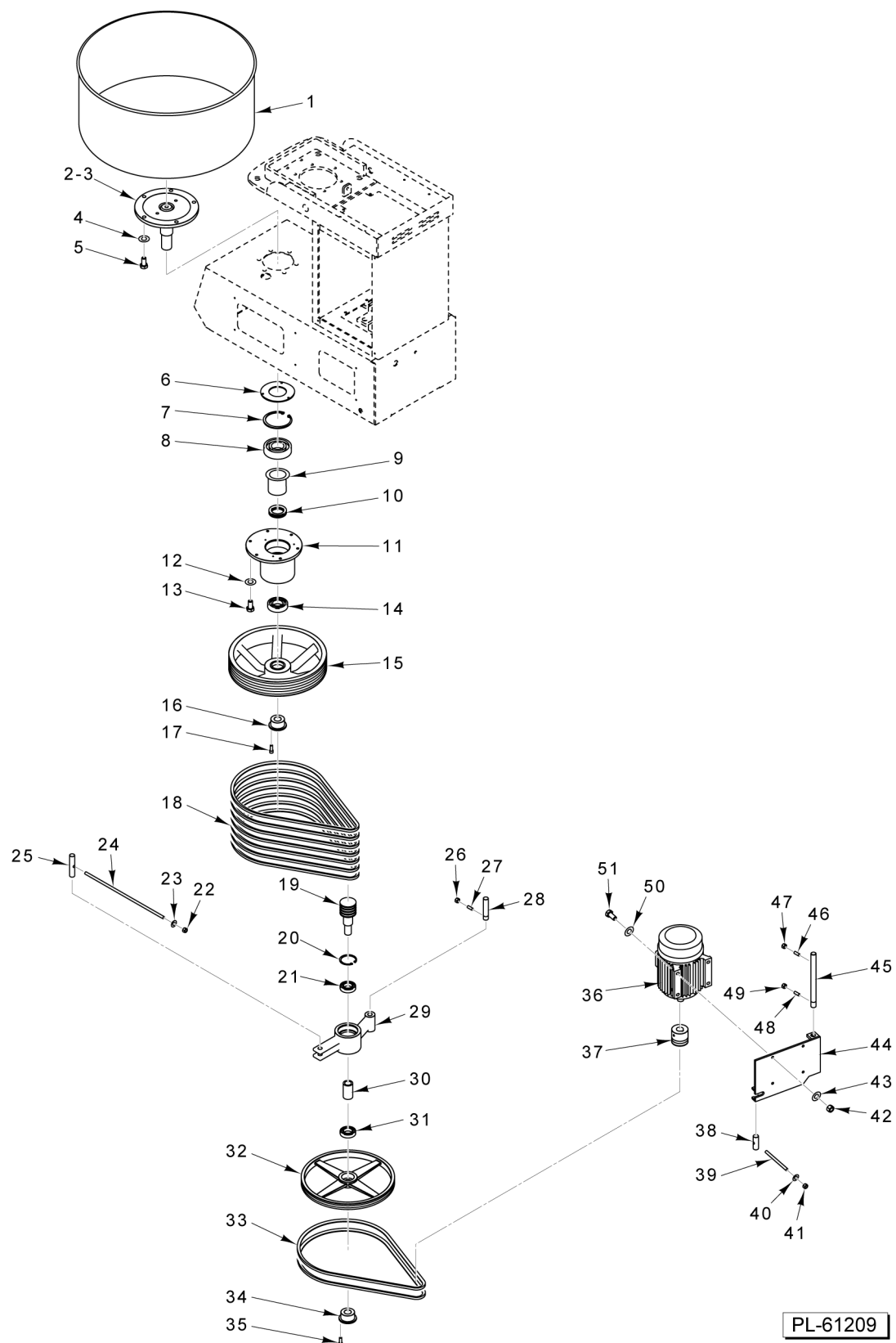


PL-58915

**BOWL MOTOR AND COMPONENTS
(HSL180, HSL220, AND HSL300)**

BOWL MOTOR AND COMPONENTS (HSL180, HSL220, AND HSL300)

ILLUS. PL-58915	PART NO.	NAME OF PART	AMT.
1	00-917671-00075	Bowl (HSL180).....	1
2	00-917671-00115	Bowl (HSL300).....	1
3	00-917671-00076	Bowl (HSL220).....	1
4	00-917671-00437	HSL180/220/300 BOWL SHAFT, W/PIN.....	1
5	00-917671-00437	HSL180/220/300 BOWL SHAFT, W/PIN.....	1
6		Washer.....	5
7		Screw M12 x 35 Hex Hd.....	5
8	00-917671-00079	Cover.....	1
9	00-917671-00078	Seal.....	1
10	00-917671-00019	Bearing - 3212.....	1
11		Washer.....	6
12		Screw M12 x 30 Hex Hd.....	6
13	00-917671-00074	Lock - Taper.....	1
14		Screw M8 x 30 Hex Socket Hd.....	6
15	00-917671-00024	Belt - XPZ 1437.....	5
16	00-917671-00080	Shaft - Counter (HSL180 & HSL220).....	1
17	00-917671-00227	Shaft - Counter (HSL300).....	1
18	00-917671-00073	Seeger Ring.....	1
19		Acorn Nut.....	1
20		Washer.....	1
21	00-917671-00087	Rod - Tie.....	1
22	00-917671-00050	Pin - Transmission Support.....	1
23	00-917671-00082	Pulley - Transmission.....	1
24	00-917671-00023	Belt - XPZ 1700.....	2
25	00-917671-00083	Lock - Taper.....	1
26		Screw M6 x 25 Hex Socket Hd.....	8
27	00-917671-00004	Bearing - 6208 2RS.....	1
28	00-917671-00081	Shaft - Distancing Counter.....	1
29	00-917671-00043	Support.....	1
30	00-917671-00004	Bearing - 6208 2RS.....	1
31		Nut.....	1
32		Set Screw M8 x 25.....	1
33	00-917671-00084	Pin - Transmission Support.....	1
34	00-917671-00059	Motor.....	1
35	00-917671-00086	Pulley.....	1
36	00-917671-00050	Pin - Transmission Support.....	2
37	00-917671-00085	Rod - Tie.....	1
38		Washer.....	1
39		Acorn Nut.....	1
40		Nut.....	4
41		Washer.....	4
42	00-917671-00052	Support - Motor Bowl (HSL180 & HSL220).....	1
43	00-917671-00198	Support - Motor Bowl (HSL300).....	1
44	00-917671-00049	Pin - Motor Plate.....	1
45		Set Screw.....	AR
46		Nut.....	2
47		Set Screw M8 x 30.....	1
48		Nut.....	1
49		Washer.....	4
50		Screw Hex Hd.....	4
51	00-917671-00051	Pulley - Rotating Bowl.....	1
52	00-917671-00020	Bearing - 6012 2RS.....	1
53	00-917671-00055	Support - Bowl.....	1
54	00-917671-00053	Shaft - Distancing Bowl.....	1
55	00-917671-00018	Bearing - 51214.....	1

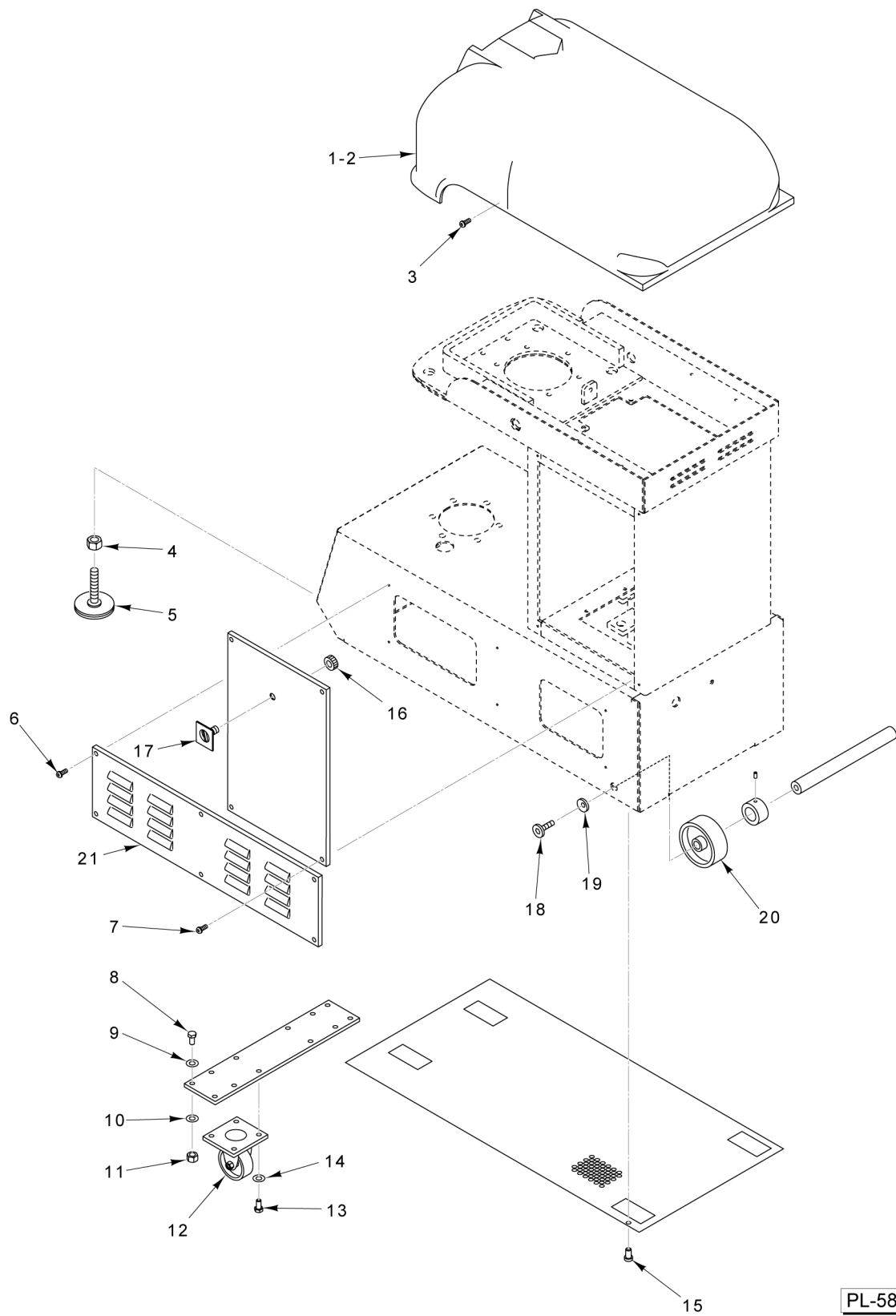


PL-61209

BOWL MOTOR AND COMPONENTS (HSL350)

BOWL MOTOR AND COMPONENTS (HSL350)

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-61209			
1	00-917671-00211	Bowl (HSL350).....	1
2	00-917671-00438	HSL350/HSU440 BOWL SHAFT, W/PIN.....	1
3	00-917671-00054	Pin - Centering Bowl.....	1
4		Washer.....	5
5		Screw M12 x 35 Hex Hd.....	5
6	00-917671-00161	Cover.....	1
7	00-917671-00199	Ring - Retaining.....	1
8	00-917671-00030	NLA - Obsolete--Bearing - 3214.....	1
9	00-917671-00160	Spacer - Bowl Support.....	1
10	00-917671-00031	NLA - Obsolete--Bearing - 51216.....	1
11	00-917671-00158	Support - Bowl.....	1
12		Washer.....	6
13		Screw M12 x 30 Hex Hd.....	6
14	00-917671-00032	NLA - Obsolete--Bearing - 6214 2RS.....	1
15	00-917671-00163	Pulley - Rotating Bowl.....	1
16	00-917671-00200	Lock - Taper.....	1
17		Screw M8 x 30 Hex Socket Hd.....	6
18	00-917671-00037	Belt - XPZ 1800.....	7
19	00-917671-00170	Shaft - Counter.....	1
20	00-917671-00173	Seeger Ring.....	1
21	00-917671-00034	NLA - Obsolete--Bearing - 6309 2RS.....	1
22		Acorn Nut.....	1
23		Washer.....	1
24		Rod - Tie.....	1
25	00-917671-00050	Pin - Transmission Support.....	1
26		Nut.....	1
27		Set Screw M8 x 25.....	1
28	00-917671-00084	Pin - Transmission Support.....	1
29	00-917671-00165	Support - Bowl Double Pulley.....	1
30	00-917671-00166	Spacer - Countershaft.....	1
31	00-917671-00034	NLA - Obsolete--Bearing - 6309 2RS.....	1
32	00-917671-00167	Pulley - Transmission.....	1
33	00-917671-00038	NLA - Obsolete--Belt - XPZ 1900.....	2
34	00-917671-00074	Lock - Taper.....	1
35		Screw M6 x 25 Hex Socket Hd.....	8
36	00-917671-00175	Motor.....	1
37	00-917671-00162	Pulley.....	1
38	00-917671-00050	Pin - Transmission Support.....	2
39	00-917671-00202	Rod - Tie.....	1
40		Washer.....	1
41		Acorn Nut.....	1
42		Nut.....	4
43		Washer.....	4
44	00-917671-00157	Support - Motor Bowl.....	1
45	00-917671-00156	Pin - Motor Plate.....	1
46		Set Screw.....	2
47		Nut.....	2
48		Set Screw M8 x 30.....	1
49		Nut.....	1
50		Washer.....	4
51		Screw Hex Hd.....	4

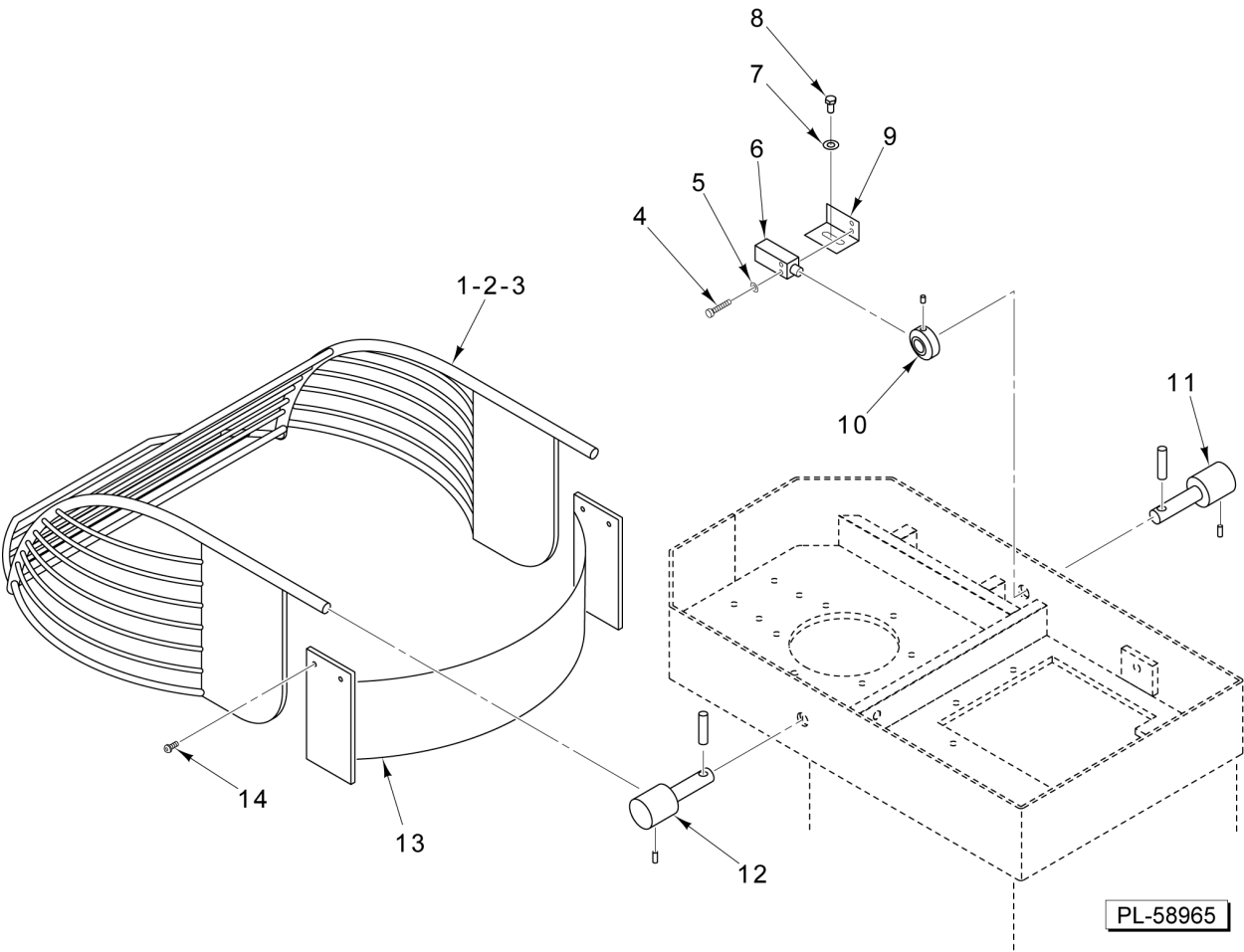


PL-58995

PANELS AND COVERS

PANELS AND COVERS

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58995			
1	00-917671-00117	Cover - Top (HSL180, HSL220, & HSL300).....	1
2	00-917671-00152	Cover - Top (HSL350).....	1
3		Screw M5 x 20 Hex Button Hd.....	2
4		Nut.....	2
5	00-917671-00118	Foot (Adjusting).....	2
6		Screw M6 x 25 Hex Button Hd.....	6
7		Screw M6 x 25 Hex Button Hd.....	4
8		Screw M8 x 35 Hex Hd.....	4
9		Washer.....	4
10		Washer.....	4
11		Nut.....	4
12	00-917671-00119	Caster - Front.....	2
13		Screw M8 x 17 Hex Hd.....	8
14		Washer.....	8
15		Screw M5 x 12 Hex Button Hd.....	18
16		Lock Nut.....	1
17	00-917671-00090	Actuator - Main Power.....	1
18		Screw Flat Socket Hd.....	2
19		Washer.....	2
20	00-917671-00120	Wheel.....	2
21	00-917671-00128	Panel.....	1



BOWL GUARD

BOWL GUARD

ILLUS.	PART NO.	NAME OF PART	AMT.
PL-58965			
1	00-917671-00127	Guard - Bowl (HSL180 & HSL220).....	1
2	00-917671-00196	Guard - Bowl (HSL300).....	1
3	00-917671-00218	Guard - Bowl (HSL350).....	1
4		Screw M5 x 30 Hex Socket Hd.....	2
5		Washer.....	2
6	00-917671-00122	Microswitch.....	1
7		Washer.....	1
8		Screw M8 x 15 Hex Hd.....	1
9	00-917671-00123	Support - Microswitch.....	1
10	00-917671-00124	Cam Control.....	1
11	00-917671-00126	Shaft - Rotating Protection.....	1
12	00-917671-00125	Shaft - Rotating Protection.....	1
13	00-917671-00121	Guard - Splash.....	1
14		Screw M8 x 16 Hex Button Hd.....	4

