

COMITROL PROCESSOR MODEL 1700 (1503 JUL 93)

January 1998 - The United States Department of Agriculture recently discontinued its Equipment Acceptance Program in lieu of a processor based Hazard Analysis & Critical Control Point system. By ruling, all U.S.D.A., Meat & Poultry Division approvals of equipment, including those of Urschel® machines, have been eliminated.

- Page 37** **Please add the following to Recommended Lubricant:**
Optional grease lubricated spindle assemblies are lubricated for the service life of the bearings. No additional lubrication is required.
- Page 83** **Delete items 2, 12 and 17 from the Tools list:**

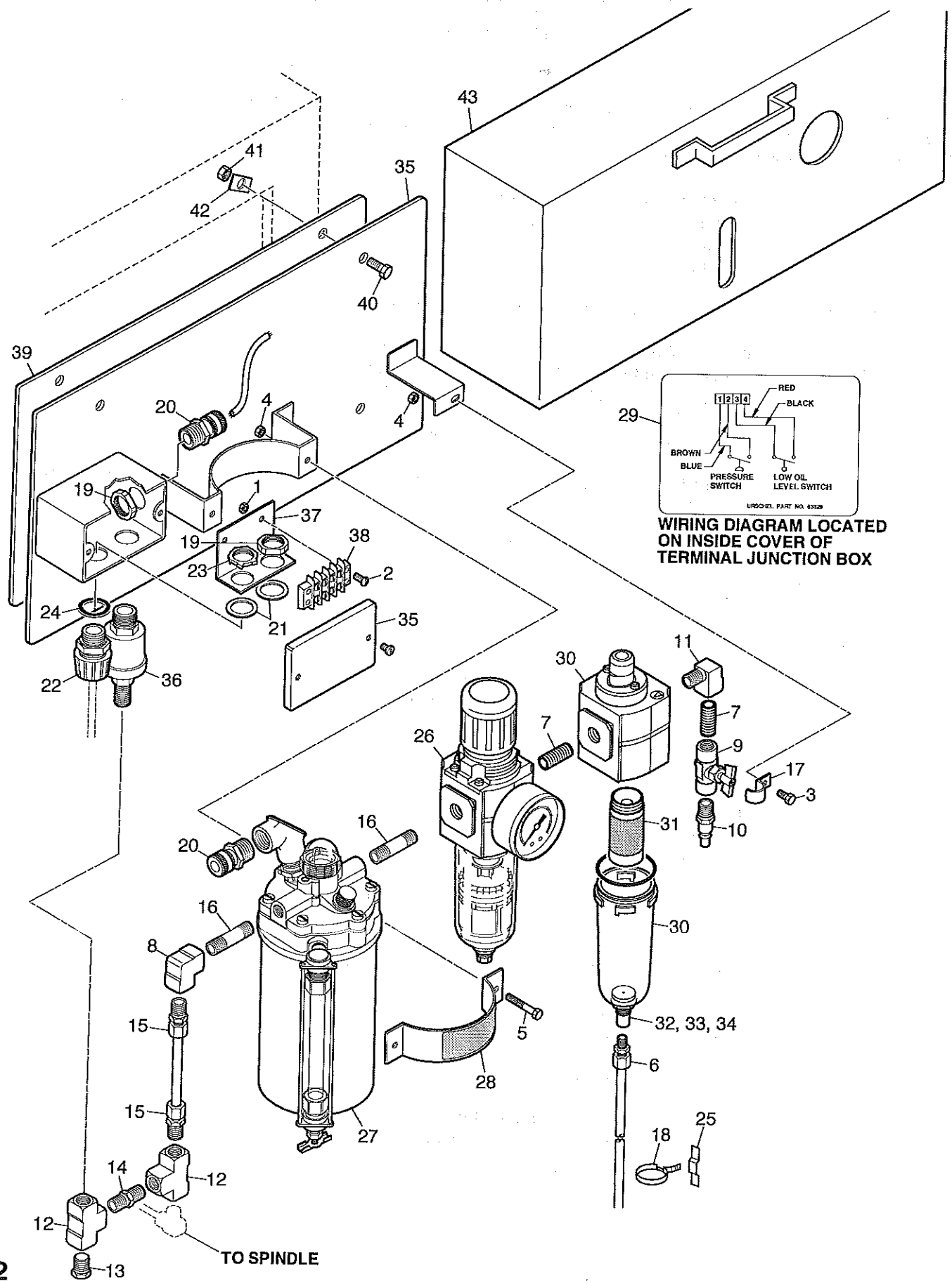
Item 3 - should read: 11407 Box End Wrench, 7/16-1/2" Qty. 1
Item 4 - should read: 11008 Box End Wrench, 5/8-9/16" Qty. 1
Item 6 - is now included with feed assembly 62725
Add: 11059 Allen Wrench, 5/32" Qty. 1
Item 14 - 62298 Oil Filler Gun is now **OPTIONAL**
- Page 85** **Floor Stand Assembly No. 62087 is now OBSOLETE (the parts within the assembly items 12 thru 14 are o.k.)**
- Page 86-87** Oil Mist Lubricator Assembly is replaced by pages 2 and 3 in this addendum.
- Page 90-115** These feed assemblies are replaced by pages 4 thru 23 in this addendum.
- Page 117** Item 4, part no. 62105, should read **63868**
Item 9, part no. 63719, should read **63407**
- Page 126-133** This electrical assembly information is replaced by pages 24 thru 42 in this addendum.
- Page 135** Item 9 should read Motor Pulley Assembly and Item 10 should read Spindle Pulley Assembly in order to correspond to the illustration and the chart correctly.
- Page 136-139** **NOTE:** Check the **motor brake information** plate attached to the brake. The parts list in the manual is for the 87000 series brake. If the brake is an 87000 rev B, contact Urschel Laboratories for replacement part information. Parts are not interchangeable between the 87000 and the 87000 rev B brakes.
- Page 140-141** This machine labels section is replaced by pages 44 and 45 in this addendum.
- Page 147** Item 4, part no. 62105, should read **63868**

Please note attached Oil Mist Lubricator Assembly (63911) revision dated March 23, 1999. This now applies to this machine.

Please see attached Important Notice regarding 62126 and 62855 Spindle Assemblies.

PARTS

Oil Mist Lubricator Assembly 63911



PARTS

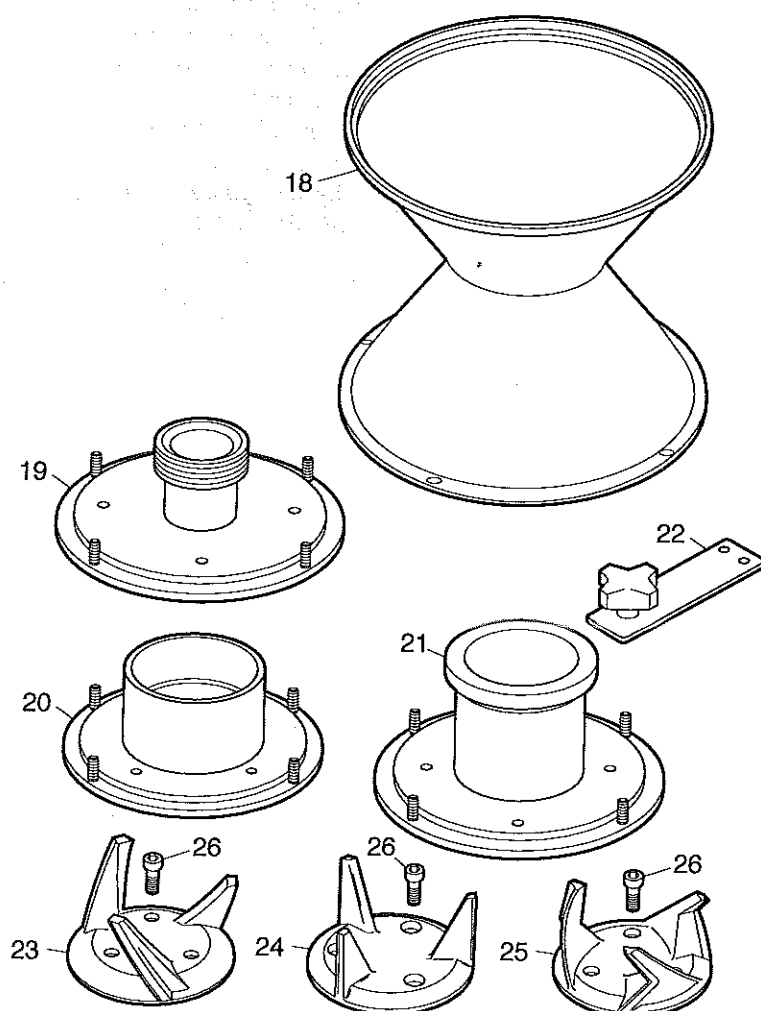
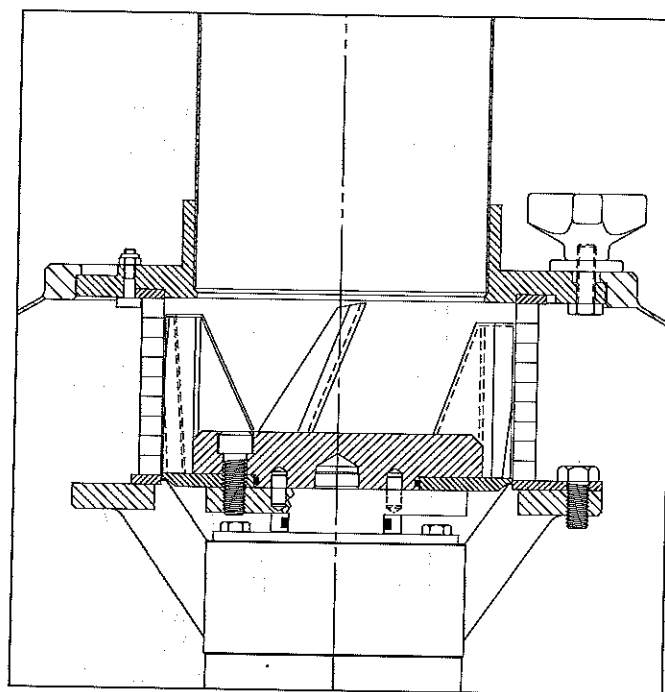
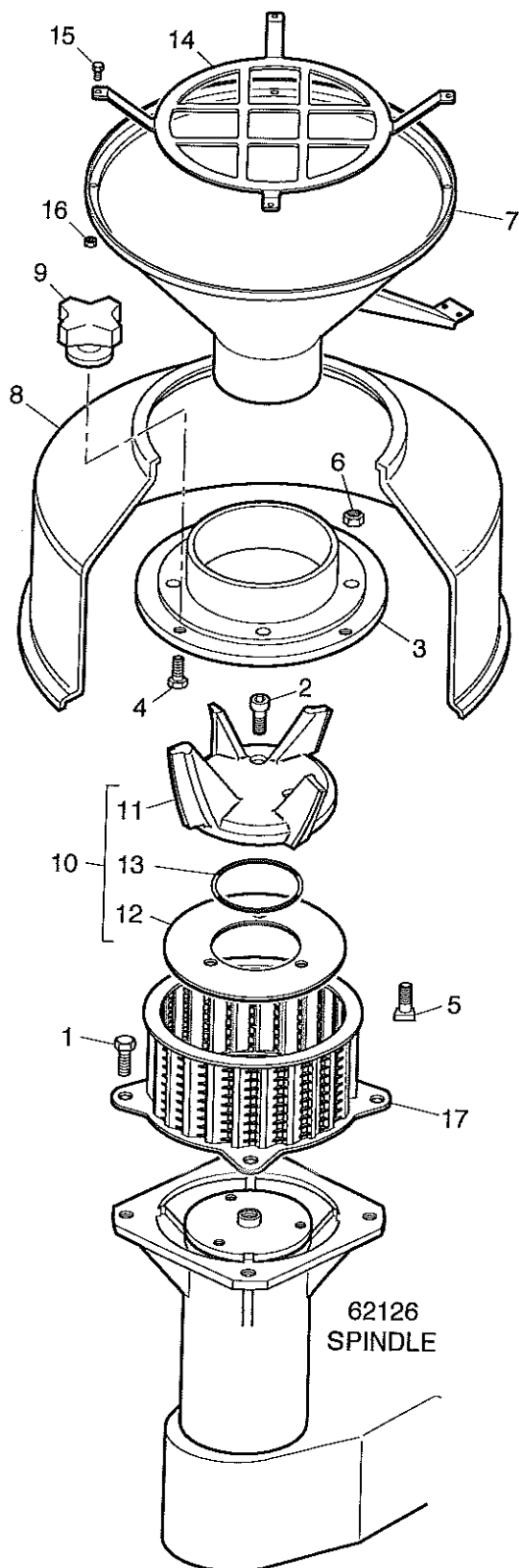
Oil Mist Lubricator Assembly 63911

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	63911	Oil Mist Lubricator Assembly, (includes items 1–38)	1
1	10018	Hex Nut, 8-32	2
2	10356	Round Head Machine Screw, 8-32 x 5/8"	2
3	10037	Hex Head Cap Screw, 1/4-20 x 1/2"	1
4	10230	Hex Nut, locking, 1/4-20	3
5	10229	Hex Head Cap Screw, 1/4-20 x 1-1/2"	2
6	11426	1/4" Tube to 1/8" Pipe, male	1
7	11432	Nipple, 1/4 x 7/8"	2
8	11433	Elbow, 1/4", 90 °	1
9	11434	Shutoff Valve	1
10	11440	Hose Fitting, 1/4"	1
11	11471	Elbow, 1/4", 90 °, male/female	1
12	11476	Tee, 1/4", female	2
13	11477	Pipe Plug, 1/4"	1
14	11484	Hex Nipple, 1/4"	1
15	11485	1/4" Tube to 1/4" Pipe, male	2
16	11487	Nipple, 1/4 x 2"	2
17	11509	Conduit Clip	1
18	11534	Cable Tie	2
19	11558	Seal Nut, 1/2-14	2
20	11570	Cord Connector, 1/4", straight	2
21	11597	Seal Washer, 1/16 x 7/8" I.D. x 1-1/8" O.D.	2
22	11610	Cord Connector, straight (nylon)	1
23	11611	Lock Nut	1
24	11612	Rubber Washer, 7/8" I.D. x 1-1/8" O.D. x 1/16" thick neoprene	1
25	13465	Clip	2
26	63914	Filter/Regulator	1
27	63314	Oil Mist Lubricator	1
28	63324	Lubricator Bracket, (with label)	1
29	63328	Wiring Diagram, oil mist lubricator	1
30	63918	Coalescing Filter, (includes items 31–34)	1
31	63919	Filter Element	1
32	63642	Drain Plug	1
33	63917	Seal	1
34	63913	Nut	1
35	63915	Oil Lubricator Panel, (includes terminal box and cover)	1
36	71247	Pressure Switch	1
37	71289	Terminal Bracket	1
38	71538	Terminal Block	1
39	71566	Spacer, lubricator panel	1
—	63338	Fastener Assembly for Lubricator, (includes items 40–42)	1
40	10047	Hex Head Cap Screw, 5/16-18 x 1"	4
41	10306	Hex Nut, locking, 5/16-18	4
42	62393	Clamp	4
43	63916	Lubricator Cover	1

NOTE: Tubing used in this assembly is nylon, 1/4" O.D., .150" I.D.

PARTS

Feed Assembly, 3" Cutting Head (62659)



PARTS

Feed Assembly, 3" Cutting Head (62659)

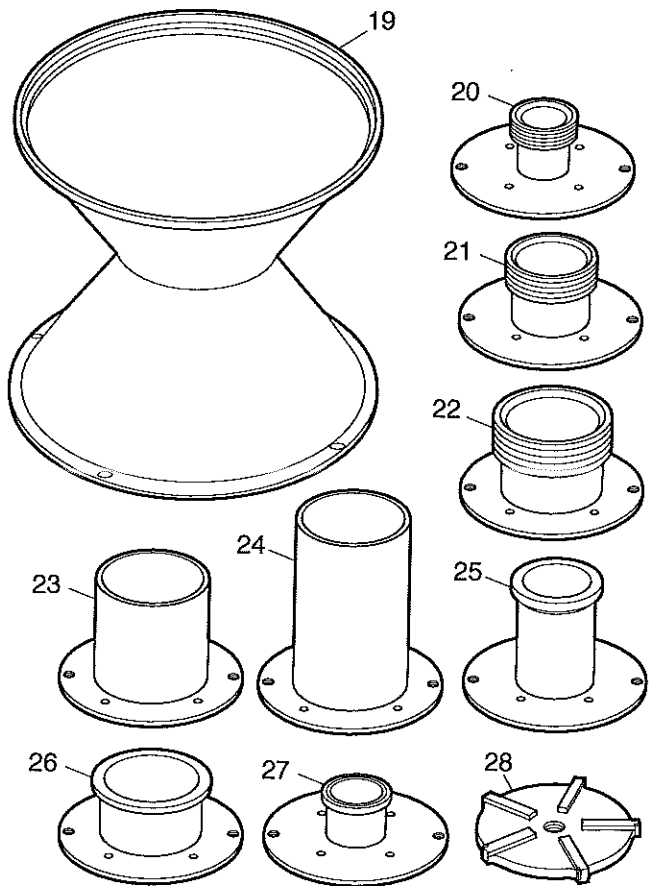
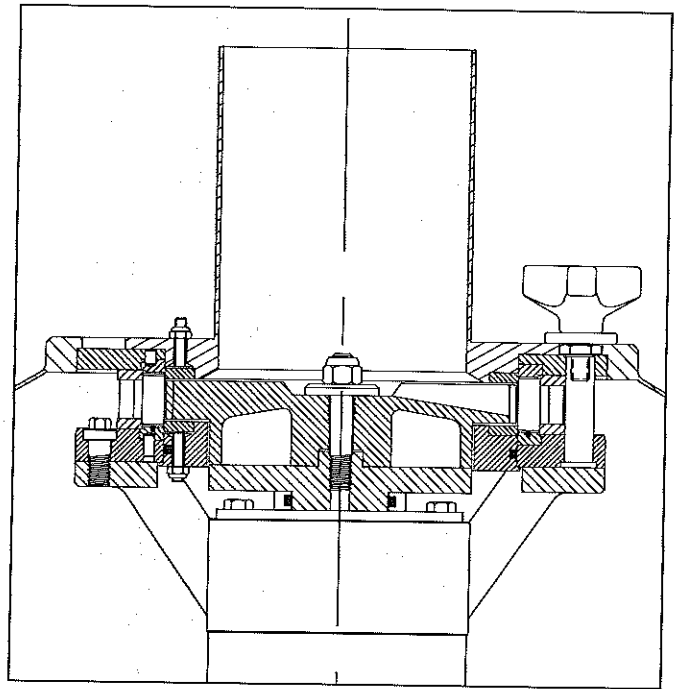
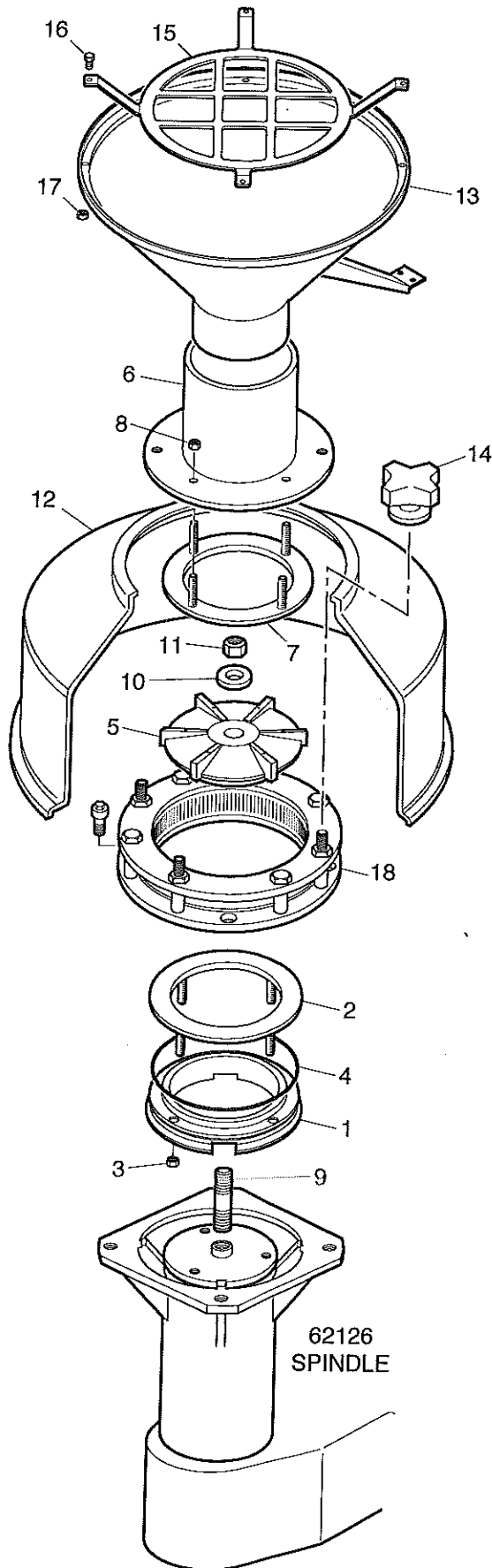
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62659	Feed Assembly, 1700, 3" cutting head, (includes items 1–16)	1
1	10057	Hex Head Cap Screw, 3/8-16 x 3/4", s.s.	4
2	62425	Socket Head Cap Screw, 3/8-16 x 1"	3
3	62630	Feed Adapter, (includes item 4)	1
4	10047	Hex Head Cap Screw, 5/16-18 x 1", s.s.	4
5	62166	Clamp Screw	4
6	10230	Hex Nut, 1/4-20, s.s., locking.	4
7	63690	Funnel Hopper	1
8	62655	Upper Enclosure, 3" cutting head	1
9	62287	Hand Knob W/Washer, 5/16-18.	3
10	66862	Impeller Assembly, (includes items 11–13)	1
11	66860	Impeller, 4 blade, Di-o-cut, 3"	1
12	66861	Impeller Plate.	1
13	71059	"O" Ring, 3/32 x 2-5/8 x 2-13/16"	1
14	63450	Hopper Grid	1
15	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
16	10231	Hex Nut, 10-24, s.s., locking	4
17	*	Cutting Head, 3"	1
ALTERNATE PARTS			
18	63691	Conical Feed Hopper, (replaces hopper grid, item 14).	1
—	67143	Feed Adapter, 2" Tri-Clamp (not shown)	1
19	62626	Feed Adapter, 3" threaded **	1
20	62614	Feed Adapter, 4.25 I.D. x 3.5, (requires 63689 funnel hopper)	1
21	62852	Feed Adapter, 4" Tri-Clamp.	1
22	63752	Actuator Bracket, (use with alternate feed adapters, replaces one hand knob, item 9)	1
23	66590	Impeller, 3 blade, forward slant, 3", (replaces items 10–13).	1
24	66214	Impeller, 3 blade, straight, 3", (replaces items 10–13)	1
25	66656	Impeller, 3 blade, dog leg, 3", (replaces items 10–13)	1
26	16050	Socket Head Cap Screw, 3/8-16 x 3/4", 17-4PH, (use with alternate impellers, items 23–25, replaces item 2)	3

* See charts, pages 119 & 121.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, .500 Microcut (62660)



PARTS

Feed Assembly, .500 Microcut w/Seal (62878)

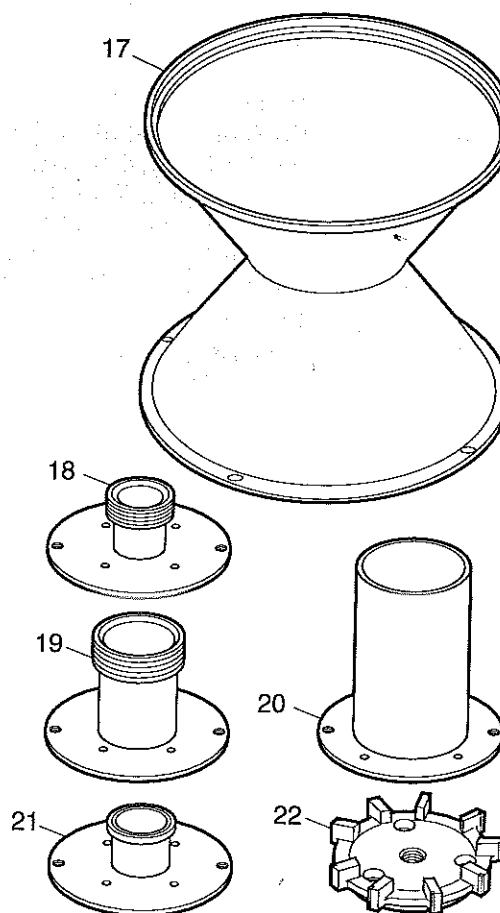
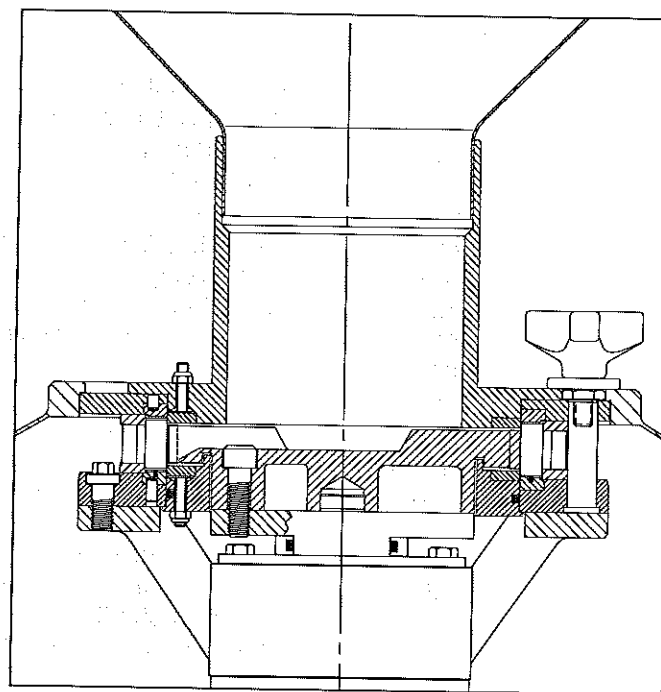
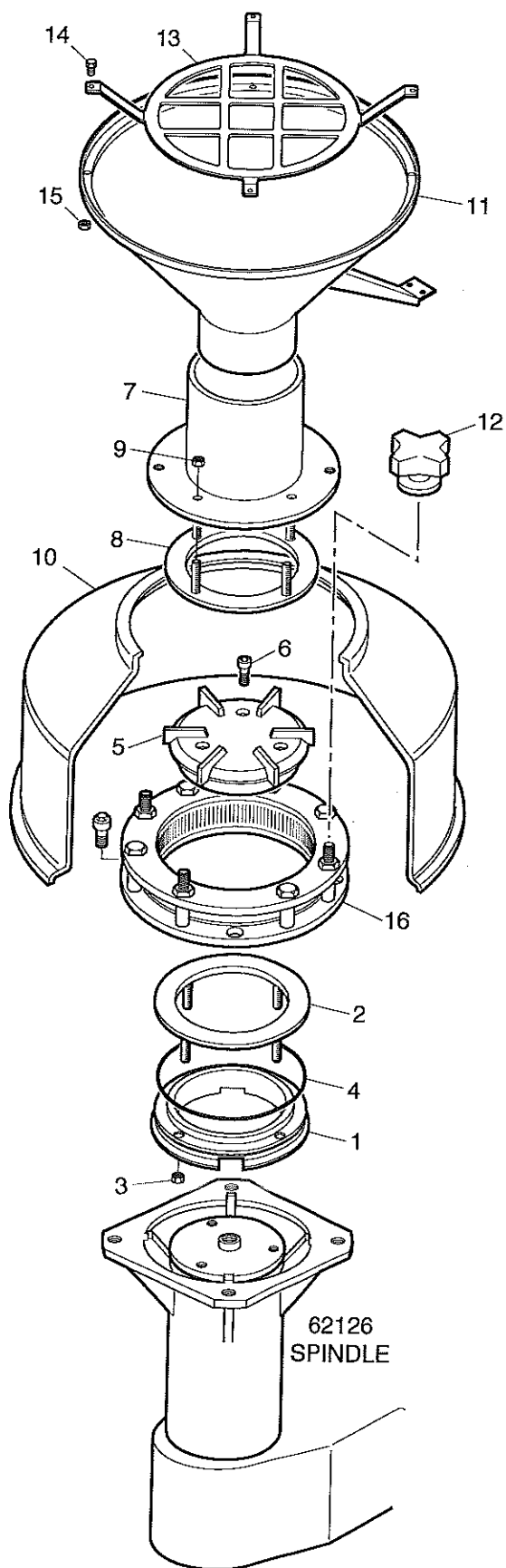
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62878	Feed Assembly, 1700, microcut with seal, (includes items 1–21)	1
1	62858	Lower Retaining Ring	1
2	61337	Face Seal, (includes items 3 & 4)	1
3	61338	Nose Seal	1
4	61342	"O" Ring, 3" O.D., 2-13/16 I.D., 3/32" section.	1
5	62180	"O" Ring, 5-7/8 x 5-5/8 x 1/8"	1
6	62175	Wear Ring	1
7	10258	Hex Nut, 10-32, s.s., locking	4
8	66779	Impeller, 6 blade, .500 microcut, seal	1
9	61827	Mating Ring	1
10	62844	Seal Retaining Ring	1
11	10305	Socket Head Cap Screw, 10-24 x 3/8", s.s.	6
12	10111	Socket Head Cap Screw, 3/8-16 x 7/8", s.s.	3
13	62620	Feed Adapter, .500 impeller	1
14	62175	Wear Ring	1
15	10258	Hex Nut, 10-32, s.s., locking	4
16	62652	Upper Enclosure, microcut head	1
17	62287	Hand Knob With Washer, 5/16-18	4
18	63689	Funnel Hopper	1
19	63450	Hopper Grid	1
20	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
21	10231	Hex Nut, 10-24, s.s., locking	4
22	*	Microcut Head	1
ALTERNATE PARTS			
23	63691	Conical Feed Hopper, (replaces hopper grid, item 19).	1
24	62283	Feed Adapter, 4 1/2 O.D. x 11", .500 impeller	1
25	62818	Feed Adapter, 3" Tri-Clamp, .500 impeller.	1
26	62788	Feed Adapter, 4" Tri-Clamp, .500 impeller.	1
27	62434	Feed Adapter, 2" Tri-Clamp, .500 impeller.	1
28	63256	Feed Adapter, 2" threaded, .500 impeller **.	1
29	62338	Feed Adapter, 3" threaded, .500 impeller **.	1
30	62554	Feed Adapter, 4" threaded, .500 impeller **.	1
31	62592	Feed Adapter, 4 1/2 O.D. x 6", .500 impeller	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

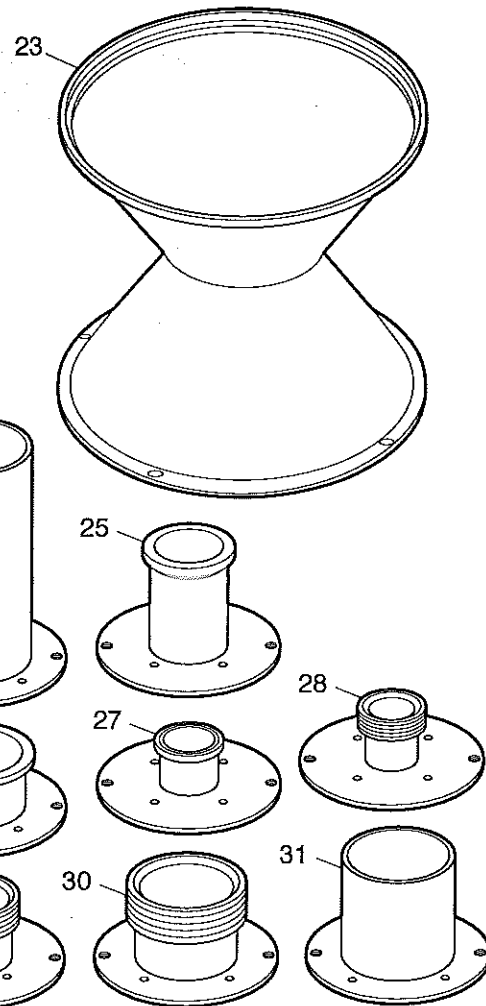
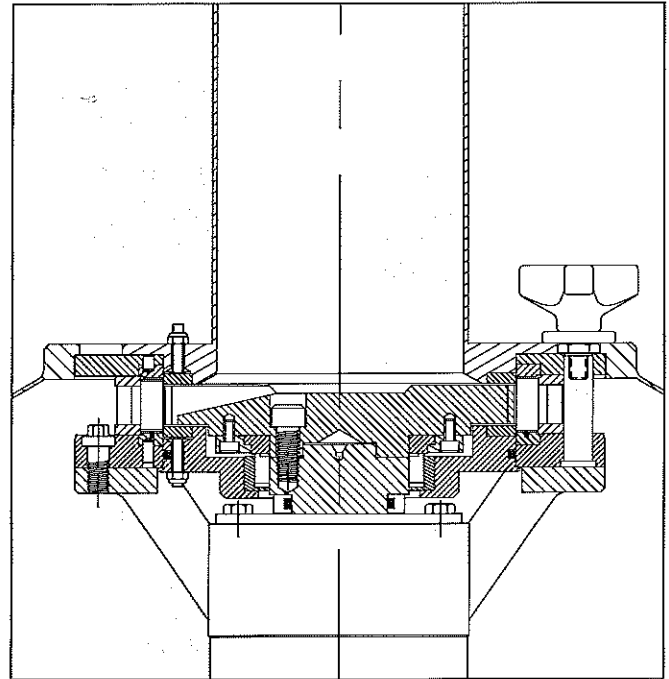
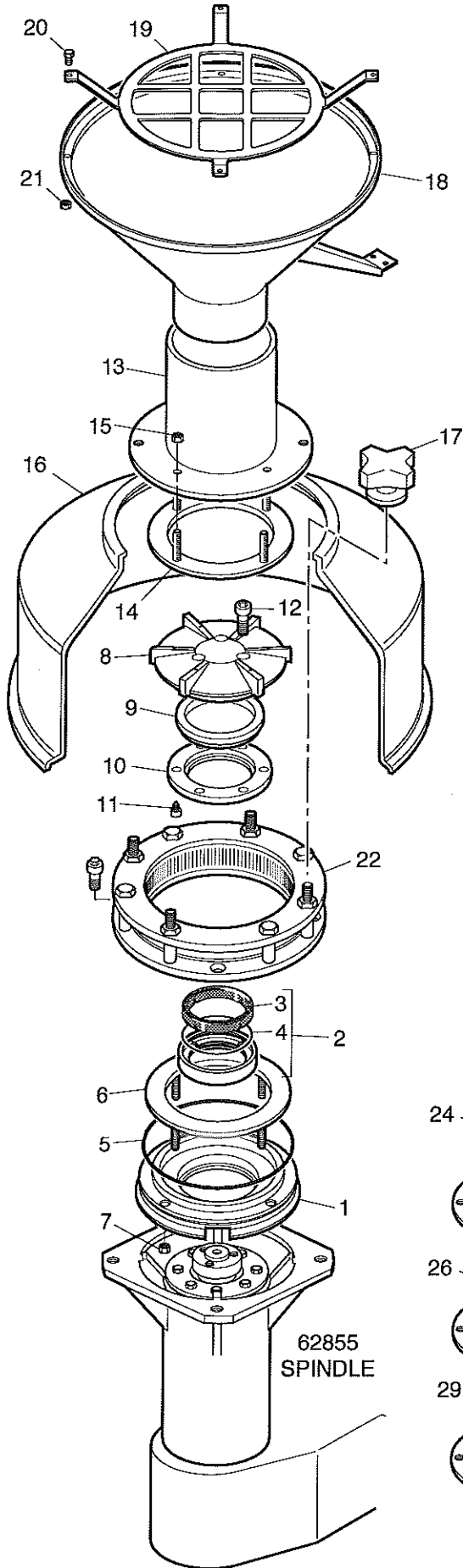
PARTS

Feed Assembly, .650 Microcut (62662)



PARTS

Feed Assembly, .500 Microcut w/Seal (62878)



PARTS

Feed Assembly, .500 Microcut (62660)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62660	Feed Assembly, 1700, .500 microcut, (Includes Items 1–17)	1
1	62726	Lower Retaining Ring	1
2	62175	Wear Ring	1
3	10258	Hex Nut, 10-32, s.s., locking	4
4	62180	"O" Ring, 5-7/8 x 5-5/8 x 1/8"	1
5	66664	Impeller, 6 blade, .500 microcut,	1
6	62620	Feed Adapter, .500 impeller	1
7	62175	Wear Ring	1
8	10258	Hex Nut, 10-32, s.s., locking	4
9	62194	Stud, 3/8-16 x 2-5/16"	1
10	17031	Washer	1
11	10249	Hex Nut, locking, 3/8-16, s.s., locking, thick	1
12	62652	Upper Enclosure, microcut head	1
13	63689	Funnel Hopper	1
14	62287	Hand Knob With Washer, 5/16-18	4
15	63450	Hopper Grid	1
16	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
17	10231	Hex Nut, 10-24, s.s., locking	4
18	*	Microcut Head	1
ALTERNATE PARTS			
19	63691	Conical Feed Hopper, (replaces hopper grid, item 15).	1
20	63256	Feed Adapter, 2" threaded, .500 impeller **.	1
21	62338	Feed Adapter, 3" threaded, .500 impeller **.	1
22	62554	Feed Adapter, 4" threaded, .500 impeller **.	1
23	62592	Feed Adapter, 4 1/2 O.D. x 6", .500 impeller	1
24	62283	Feed Adapter, 4 1/2 O.D. x 11", .500 impeller	1
25	62818	Feed Adapter, 3" Tri-Clamp, .500 impeller.	1
26	62788	Feed Adapter, 4" Tri-Clamp, .500 impeller.	1
27	62434	Feed Adapter, 2" Tri-Clamp, .500 impeller.	1
28	66057	Impeller, 5 blade, .500 microcut	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, .650 Microcut (62662)

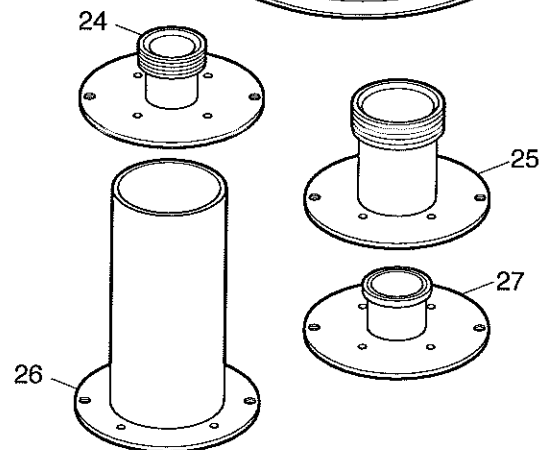
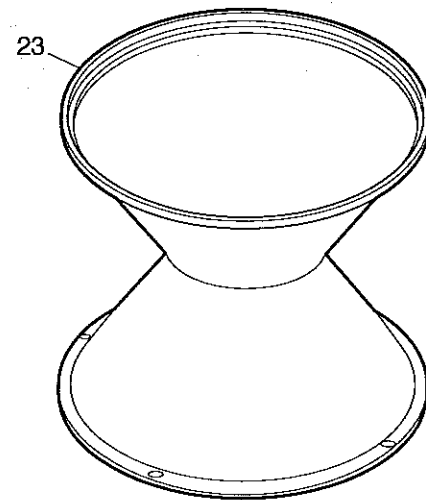
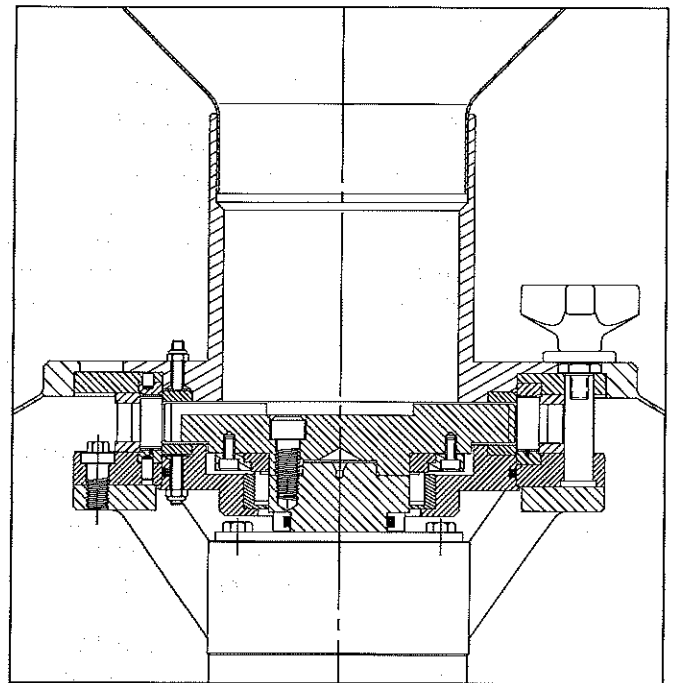
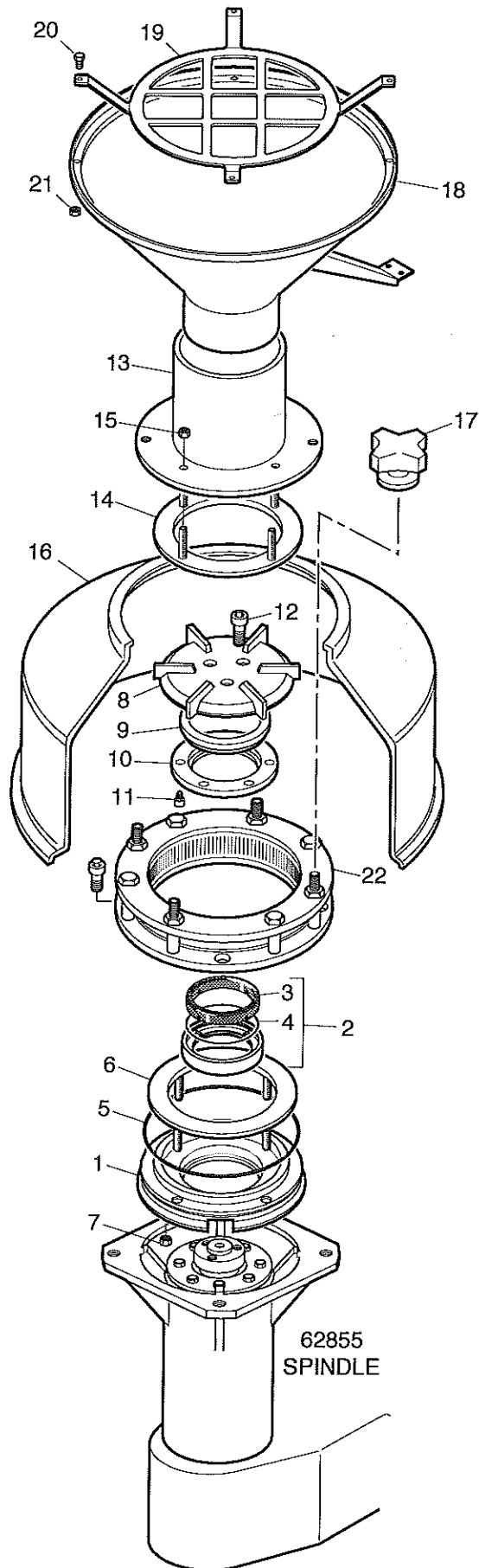
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62662	Feed Assembly, 1700, .650 microcut, (includes items 1–15)	1
1	62185	Lower Retaining Ring	1
2	62175	Wear Ring	1
3	10258	Hex Nut, 10-32, s.s., locking	4
4	62180	"O" Ring, 5-7/8 x 5-5/8 x 1/8"	1
5	66060	Impeller, 6 blade, .650 microcut	1
6	10113	Socket Head Cap Screw, 3/8-16 x 1-1/4", s.s.	3
7	62623	Feed Adapter, .650 impeller	1
8	62175	Wear Ring	1
9	10258	Hex Nut, 10-32, s.s., locking	4
10	62652	Upper Enclosure, microcut head	1
11	63689	Funnel Hopper	1
12	62287	Hand Knob With Washer, 5/16-18	4
13	63450	Hopper Grid	1
14	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
15	10231	Hex Nut, 10-24, s.s., locking	4
16	*	Microcut Head	1
ALTERNATE PARTS			
17	63691	Conical Feed Hopper, (replaces hopper grid, item 13)	1
18	62777	Feed Adapter, 2" threaded, .650 impeller **	1
19	62532	Feed Adapter, 3" threaded, .650 impeller **	1
20	62706	Feed Adapter, 4 1/2 O.D. x 11", .650 impeller	1
21	62585	Feed Adapter, 2" Tri-Clamp, .650 impeller	1
22	66303	Impeller, 5 blade, .650 microcut	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, .650 Microcut w/Seal (62879)



PARTS

Feed Assembly, .650 Microcut w/Seal (62879)

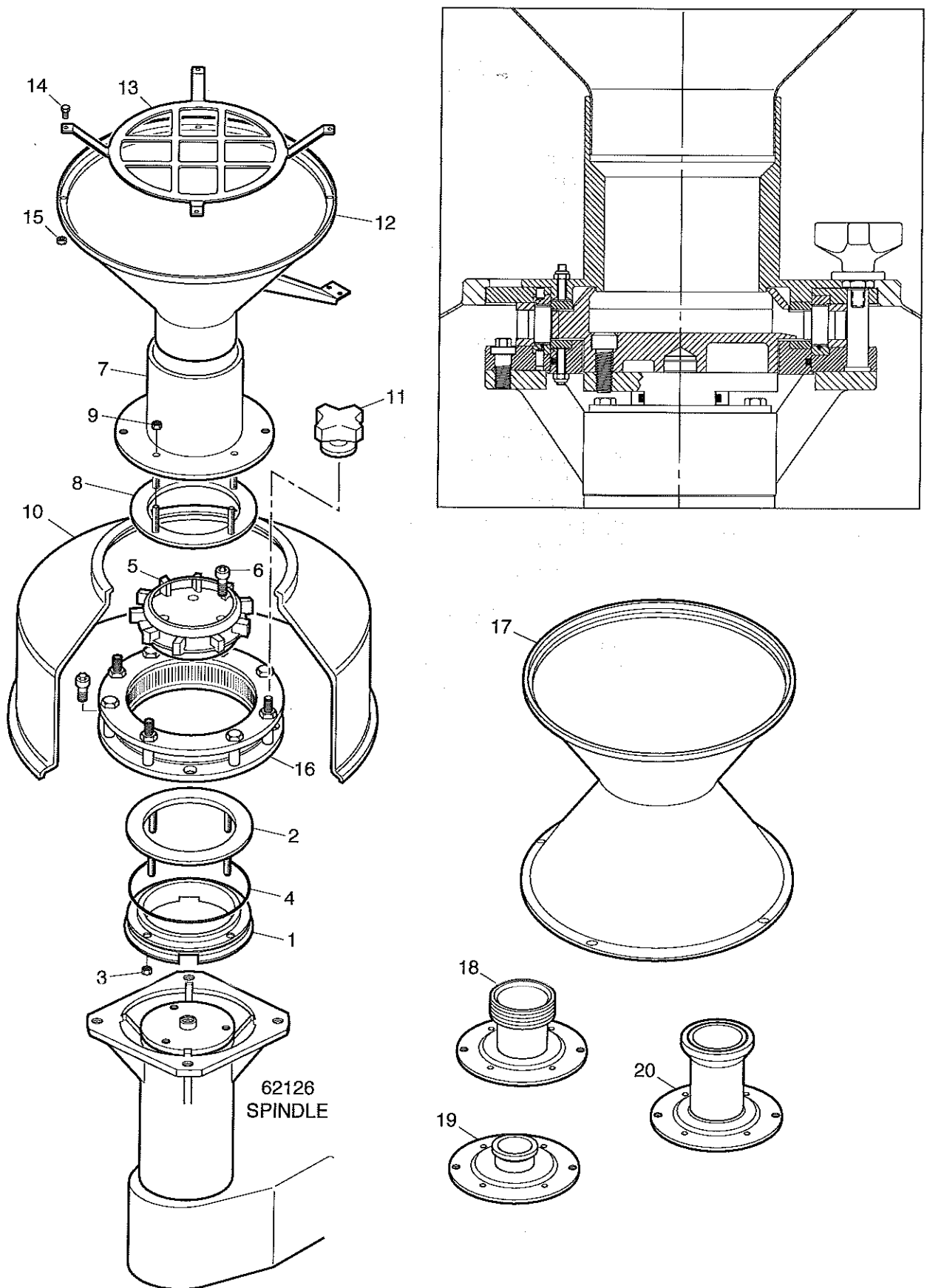
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62879	Feed Assembly, 1700, microcut with seal, (includes items 1–21)	1
1	62873	Lower Retaining Ring	1
2	61337	Face Seal, (includes items 3 & 4)	1
3	61338	Nose Seal	1
4	61342	“O” Ring, 3" O.D., 2-13/16, 3/32" section	1
5	62180	“O” Ring, 5-7/8 x 5-5/8 x 1/8"	1
6	62175	Wear Ring	1
7	10258	Hex Nut, 10-32, s.s., locking	4
8	66783	Impeller, 5 blade, .650 microcut, seal	1
9	61827	Mating Ring	1
10	62844	Seal Retaining Ring	1
11	10305	Socket Head Cap Screw, 10-24 x 3/8", s.s.	6
12	10111	Socket Head Cap Screw, 3/8-16 x 7/8", s.s.	3
13	62623	Feed Adapter, .650 impeller	1
14	62175	Wear Ring	1
15	10258	Hex Nut, 10-32, s.s., locking	4
16	62652	Upper Enclosure, microcut head	1
17	62287	Hand Knob With Washer, 5/16-18	4
18	63689	Funnel Hopper	1
19	63450	Hopper Grid	1
20	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
21	10231	Hex Nut, 10-24, s.s., locking	4
22	*	Microcut Head	1
ALTERNATE PARTS			
23	63691	Conical Feed Hopper, (replaces hopper grid, item 19).	1
24	62777	Feed Adapter, 2" threaded, .650 impeller **.	1
25	62532	Feed Adapter, 3" threaded, .650 impeller **.	1
26	62706	Feed Adapter, 4 1/2 O.D. x 11", .650 impeller	1
27	62585	Feed Adapter, 2" Tri-Clamp, .650 impeller.	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, .650 Microcut (62781)



PARTS

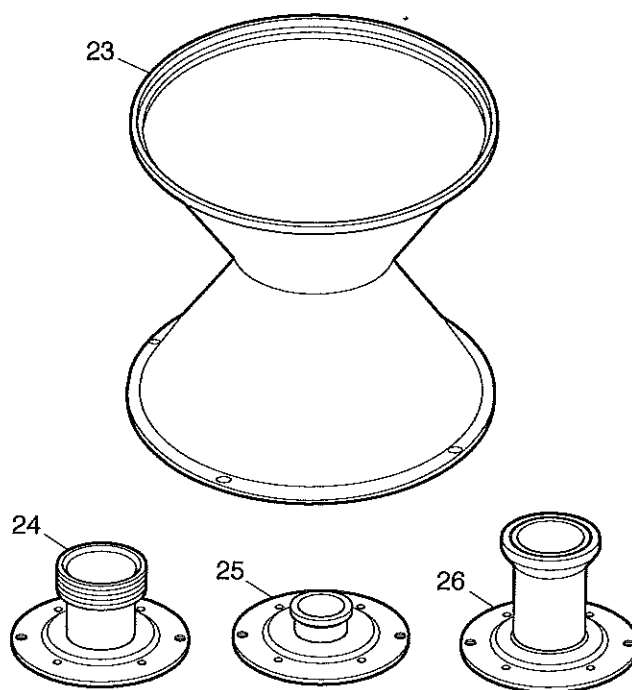
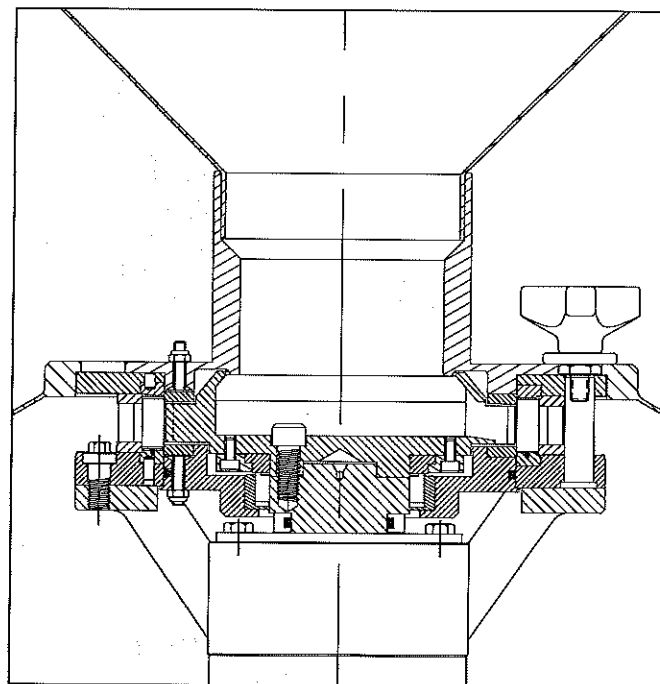
Feed Assembly, .650 Microcut (62781)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62781	Feed Assembly, 1700, veri-cut, (includes items 1–15)	1
1	62698	Lower Retaining Ring	1
2	62175	Wear Ring	1
3	10258	Hex Nut, 10-32, s.s., locking	4
4	62180	"O" Ring, 5-7/8 x 5-5/8 x 1/8"	1
5	67004	Impeller, 9 blade, .650 veri-cut.	1
6	10112	Socket Head Cap Screw, 3/8-16 x 1", s.s.	3
7	62697	Feed Adapter, veri-cut impeller	1
8	62175	Wear Ring	1
9	10258	Hex Nut, 10-32, s.s., locking	4
10	62652	Upper Enclosure, microcut head	1
11	62287	Hand Knob With Washer, 5/16-18	4
12	63689	Funnel Hopper	1
13	63450	Hopper Grid	1
14	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
15	10231	Hex Nut, 10-24, s.s., locking	4
16	*	Microcut Head	1
ALTERNATE PARTS			
17	63691	Conical Feed Hopper, (replaces hopper grid, item 13).	1
18	62741	Feed Adapter, 3" thread, veri-cut impeller **	1
19	63081	Feed Adapter, 2" Tri-Clamp, veri-cut impeller.	1
20	63506	Feed Adapter, 3" Tri-Clamp, veri-cut impeller.	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

Feed Assembly, .650 Microcut w/Seal (62880)



PARTS

Feed Assembly, .650 Microcut w/Seal (62880)

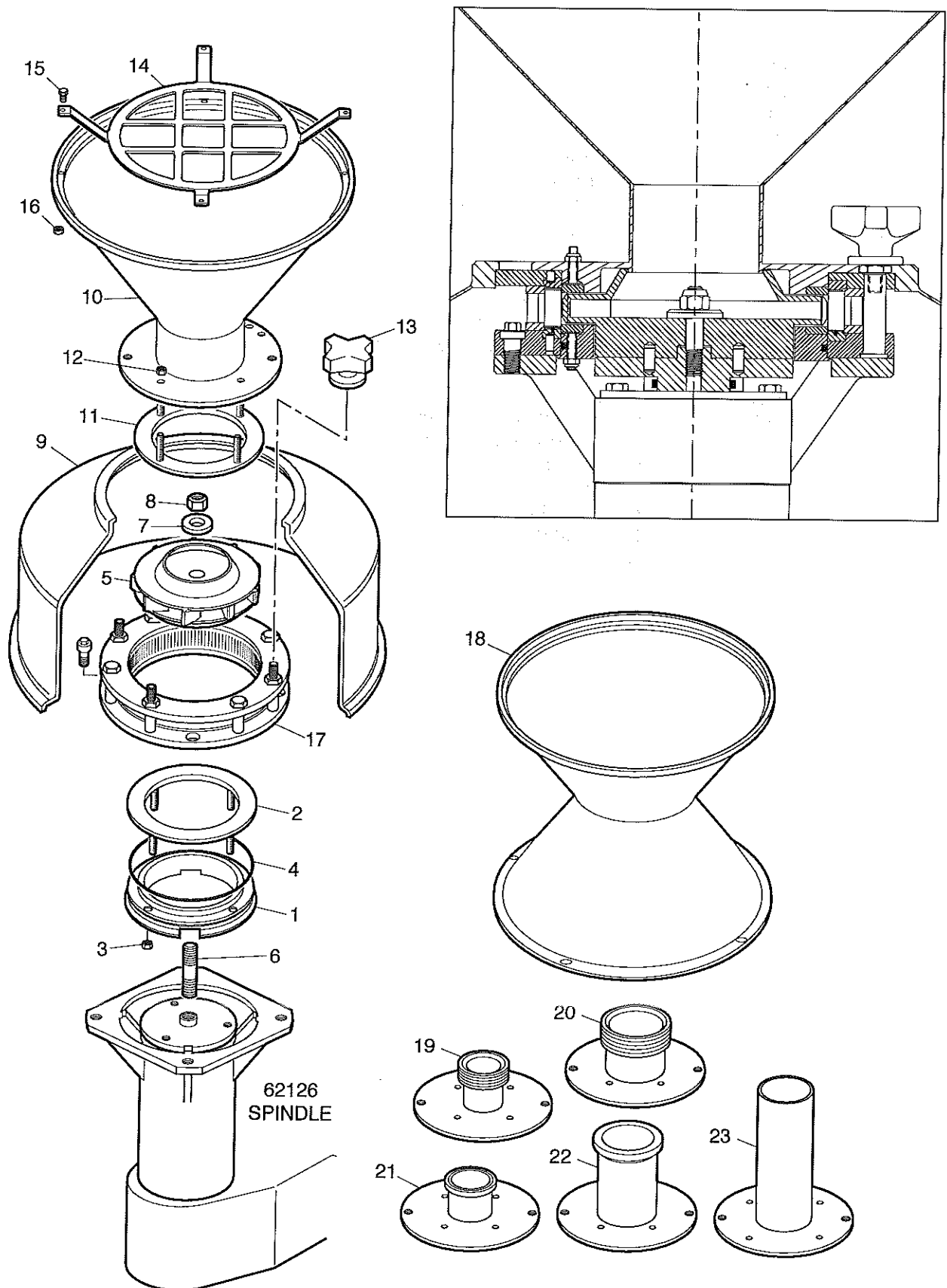
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62880	Feed Assembly , 1700, veri-cut with seal, (includes items 1–21)	1
1	62873	Lower Retaining Ring	1
2	61337	Face Seal , (includes items 3 & 4)	1
3	61338	Nose Seal	1
4	61342	"O" Ring , 3" O.D., 2-13/16 I.D., 3/32" section.	1
5	62175	Wear Ring	1
6	10258	Hex Nut , 10-32, s.s., locking	4
7	62180	"O" Ring , 5-7/8 x 5-5/8 x 1/8"	1
8	66790	Impeller , 9 blade, .650 veri-cut, seal	1
9	61827	Mating Ring	1
10	62844	Seal Retaining Ring	1
11	10305	Socket Head Cap Screw , 10-24 x 3/8", s.s.	6
12	10111	Socket Head Cap Screw , 3/8-16 x 7/8", s.s.	3
13	62697	Feed Adapter , veri-cut impeller	1
14	62175	Wear Ring	1
15	10258	Hex Nut , 10-32, s.s., locking	4
16	62652	Upper Enclosure , microcut head	1
17	62287	Hand Knob With Washer , 5/16-18	4
18	63689	Funnel Hopper	1
19	63450	Hopper Grid	1
20	10316	Hex Head Cap Screw , 10-24 x 1/2", s.s.	4
21	10231	Hex Nut , 10-24, s.s., locking	4
22	*	Microcut Head	1
ALTERNATE PARTS			
23	63691	Conical Feed Hopper , (replaces hopper grid, item 19).	1
24	62741	Feed Adapter , 3" threaded, veri-cut impeller **.	1
25	63081	Feed Adapter , 2" Tri-Clamp, veri-cut impeller.	1
26	63506	Feed Adapter , 3" Tri-Clamp, veri-cut impeller.	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, .650 Microcut (62782)



PARTS

Feed Assembly, .650 Microcut (62782)

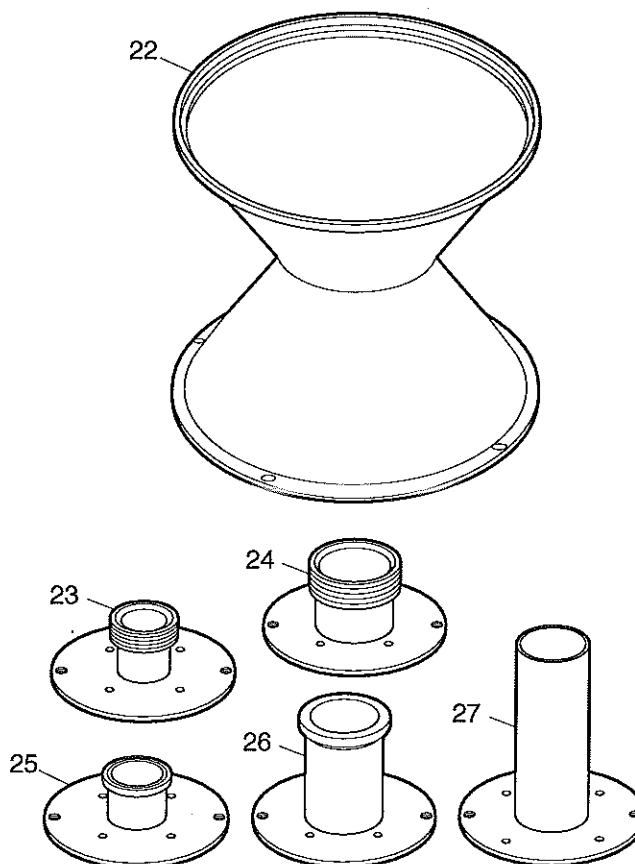
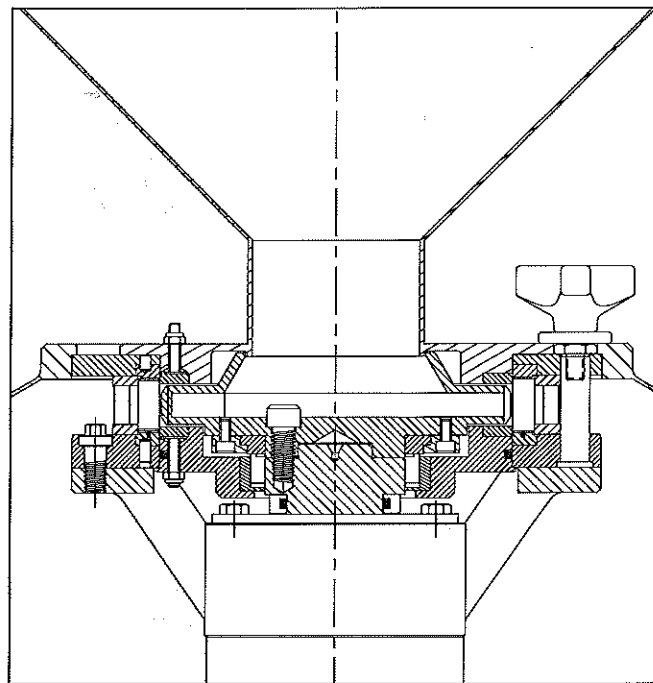
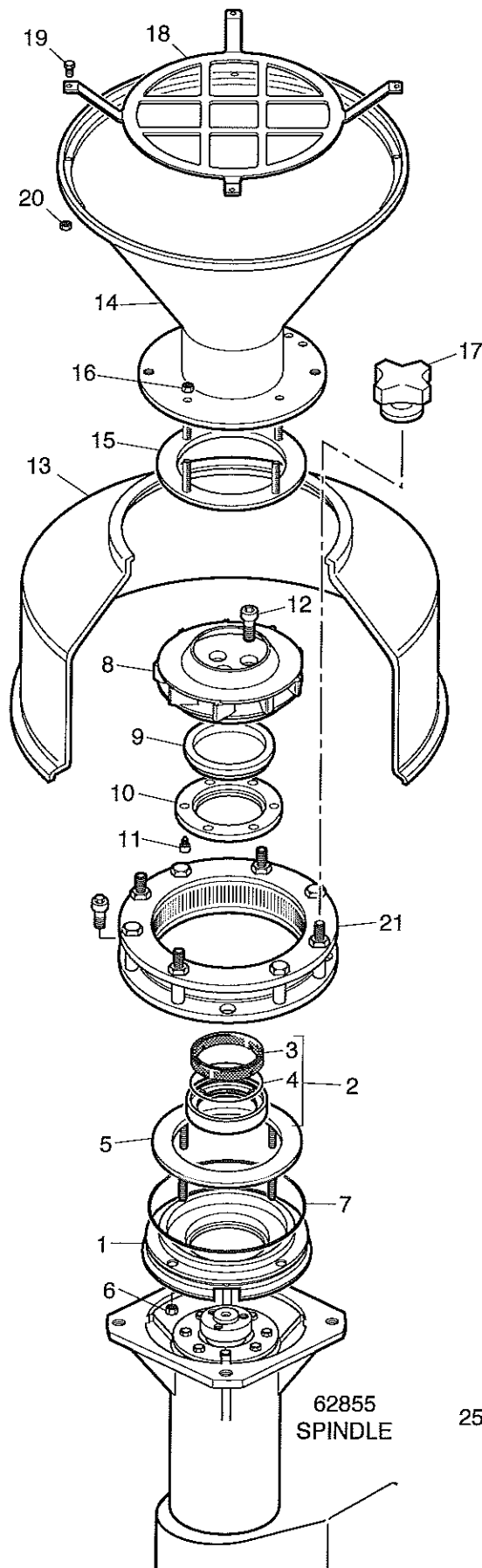
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62782	Feed Assembly, 1700, uni-cut, (includes items 1–16)	1
1	62698	Lower Retaining Ring	1
2	62175	Wear Ring	1
3	10258	Hex Nut, 10-32, s.s., locking	4
4	62180	"O" Ring, 5-7/8 x 5-5/8 x 1/8"	1
5	66942	Impeller, 9 blade, .650, uni-cut,	1
6	62195	Stud, 3/8-16 x 1-15/16"	1
7	17031	Washer	1
8	10249	Hex Nut, 3/8-16, s.s., locking, thick	1
9	62652	Upper Enclosure, microcut head	1
10	62719	Feed Adapter, 3" with hopper, uni-cut impeller.	1
11	62175	Wear Ring	1
12	10258	Hex Nut, 10-32, s.s., locking	4
13	62287	Hand Knob With Washer, 5/16-18	4
14	63450	Hopper Grid	1
15	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
16	10231	Hex Nut, 10-24, s.s., locking	4
17	*	Microcut Head	1
ALTERNATE PARTS			
18	63691	Conical Feed Hopper, (replaces hopper grid, item 14).	1
19	62786	Feed Adapter, 2" threaded, uni-cut impeller **	1
20	62800	Feed Adapter, 3" threaded, uni-cut impeller **	1
21	63038	Feed Adapter, 2" Tri-Clamp, uni-cut impeller	1
22	63093	Feed Adapter, 3" Tri-Clamp, uni-cut impeller	1
23	62715	Feed Adapter, 3 O.D. x 10", uni-cut impeller	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, .650 Microcut w/Seal (62881)



PARTS

Feed Assembly, .650 Microcut w/Seal (62881)

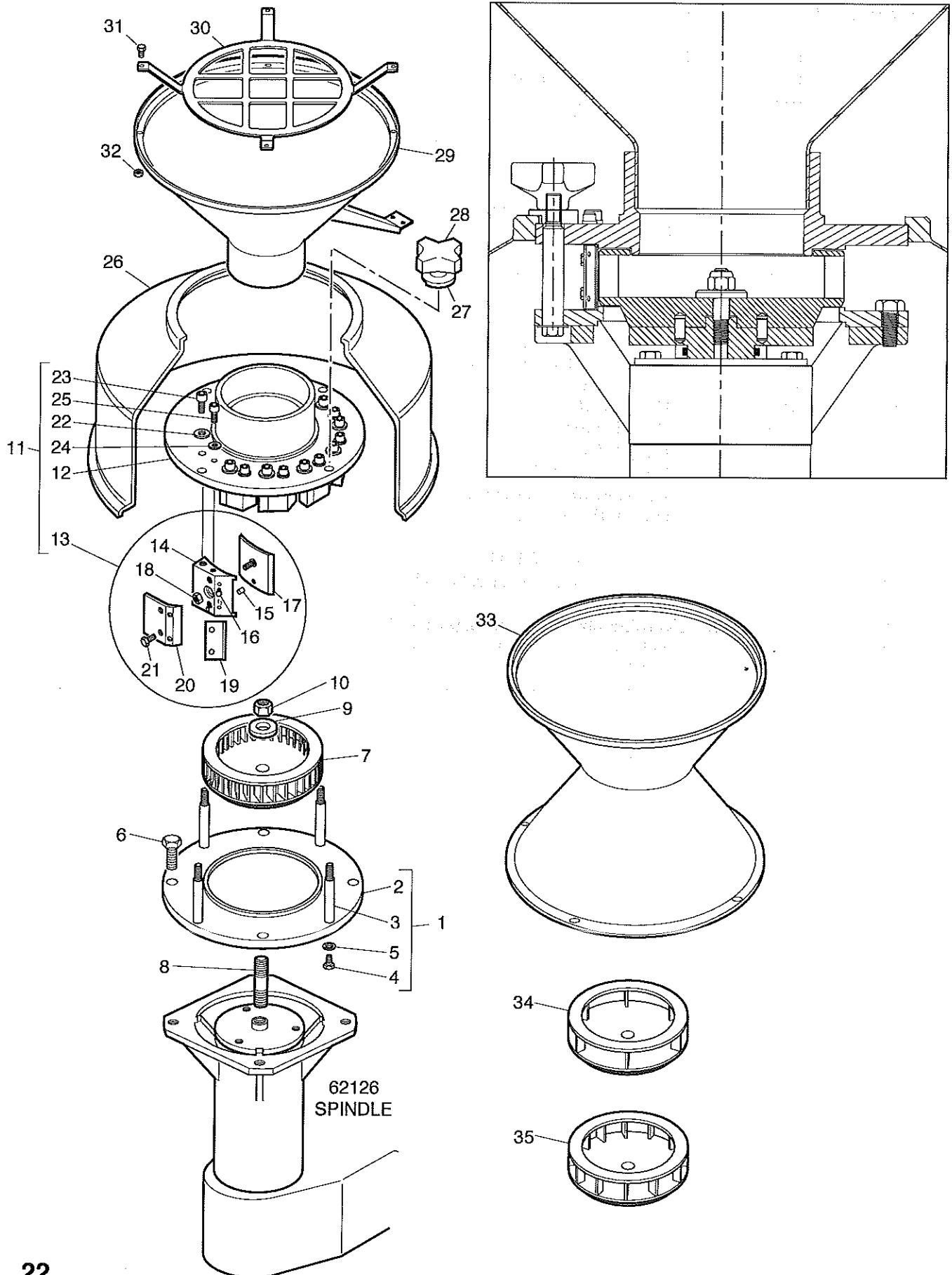
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62881	Feed Assembly , 1700, uni-cut with seal, (includes items 1–20)	1
1	62873	Lower Retaining Ring	1
2	61337	Face Seal , (includes items 3 & 4)	1
3	61338	Nose Seal	1
4	61342	"O" Ring , 3" O.D., 2-13/16 I.D., 3/32" section	1
5	62175	Wear Ring	1
6	10258	Hex Nut , 10-32, s.s., locking	4
7	62180	"O" Ring , 5-7/8 x 5-5/8 x 1/8"	1
8	66806	Impeller , 9 blade, .650 uni-cut, seal	1
9	61827	Mating Ring	1
10	62844	Seal Retaining Ring	1
11	10305	Socket Head Cap Screw , 10-24 x 3/8", s.s.	6
12	10111	Socket Head Cap Screw , 3/8-16 x 7/8", s.s.	3
13	62652	Upper Enclosure , microcut head	1
14	62719	Feed Adapter , 3" with hopper, uni-cut impeller	1
15	62175	Wear Ring	1
16	10258	Hex Nut , 10-32, s.s., locking	4
17	62287	Hand Knob With Washer , 5/16-18	4
18	63450	Hopper Grid	1
19	10316	Hex Head Cap Screw , 10-24 x 1/2", s.s.	4
20	10231	Hex Nut , 10-24, s.s., locking	4
21	*	Microcut Head	1
ALTERNATE PARTS			
22	63691	Conical Feed Hopper , (replaces hopper grid, item 18)	1
23	62786	Feed Adapter , 2" threaded, uni-cut impeller **	1
24	62800	Feed Adapter , 3" threaded, uni-cut impeller **	1
25	63038	Feed Adapter , 2" Tri-Clamp, uni-cut impeller	1
26	63093	Feed Adapter , 3" Tri-Clamp, uni-cut impeller	1
27	62715	Feed Adapter , 3 O.D. x 10", uni-cut impeller	1

* See charts, pages 123 & 124.

** Sanitary Acme thread, bevel seat fitting.

PARTS

Feed Assembly, Slicing Head (62725)



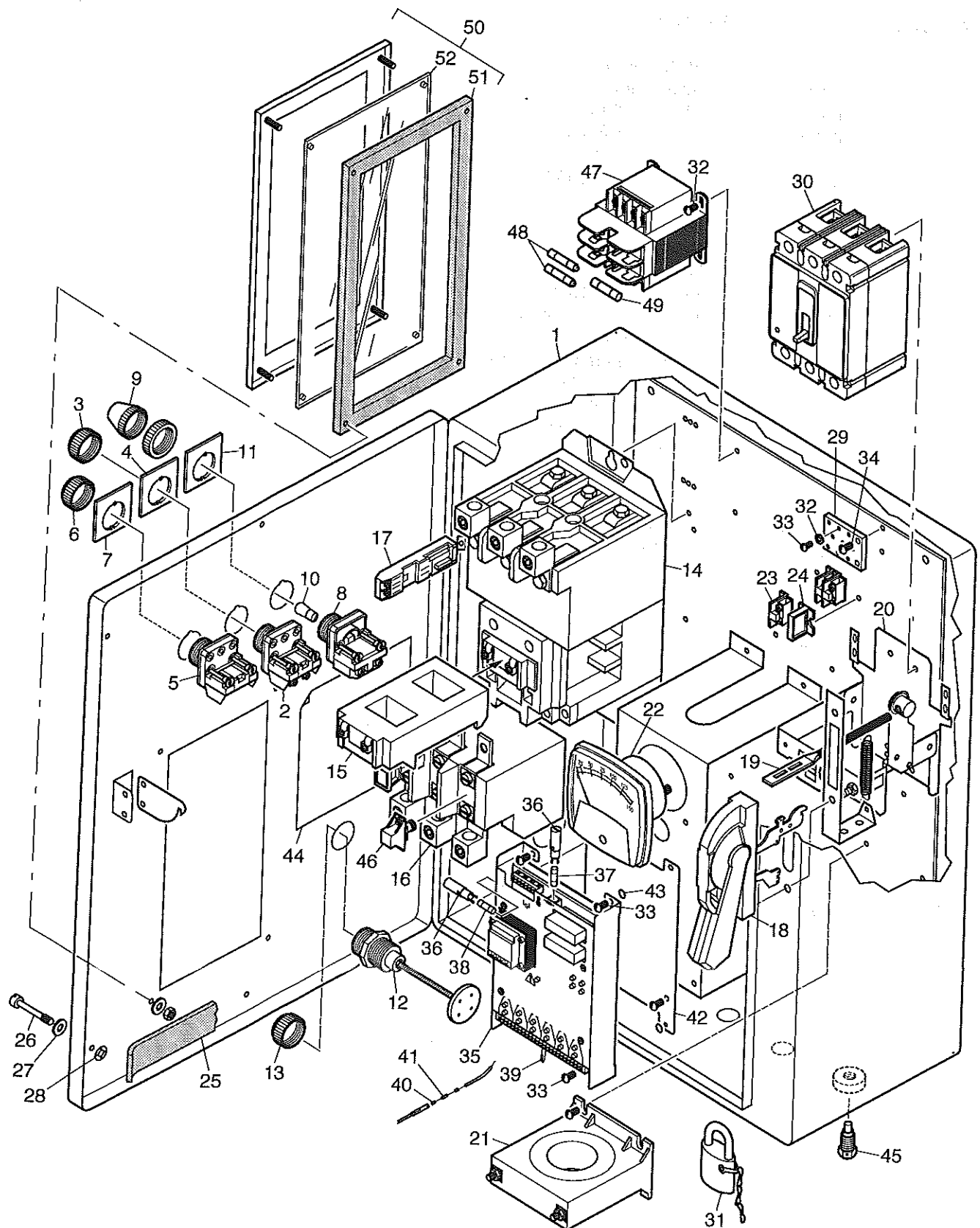
PARTS

Feed Assembly, Slicing Head (62725)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	62725	Feed Assembly, 1700, slicing head, (includes items 1–32)	1
1	66595	Lower Ring Assembly, (includes items 2–5)	1
2	66070	Lower Ring	1
3	66593	Stud For Slicing Head	4
4	10251	Hex Head Cap Screw, 1/4-20 x 1/2", s.s., Nylok	4
5	10007	Flat Washer, 1/4", s.s., thin	4
6	10057	Hex Head Cap Screw, 3/8-16 x 3/4", s.s.	4
7	67033	Impeller, 30 blade, slicing, angled.	1
8	62195	Stud, 3/8-16 x 1-15/16"	1
9	17031	Washer	1
10	10249	Hex Nut, 3/8-16, s.s., locking, thick	1
11	66599	Upper Ring Assembly, (includes items 12–25)	1
12	66598	Feed Adapter	1
13	66079	Knife Holder Assembly, (includes items 14–21)	11
14	66080	Knife Holder, (includes items 15 & 16)	1
15	10255	Dowel Pin, 1/8 x 1/4"	2
16	22071	Knife Locating Pin	2
17	66082	Knife Holder Insert.	1
18	10259	Hex Nut, 10-32, s.s.	1
19	66085	Knife, slicing	1
20	66087	Knife Clamp	1
21	10224	Hex Head Cap Screw, 10-24 x 1/4", s.s.	2
22	22130	Flat Washer, slice adjusting gage	11
23	10093	Socket Head Cap Screw, 1/4-20 x 7/8", s.s.	11
24	10261	Flat Washer, #10, s.s., thick	11
25	10256	Socket Head Cap Screw, 10-24 x 3/4", s.s.	11
26	62654	Upper Enclosure, 2" cutting head	1
27	66594	Washer For Slicing Head	4
28	62052	Hand Knob, 5/16-18	4
29	63689	Funnel Hopper	1
30	63450	Hopper Grid	1
31	10316	Hex Head Cap Screw, 10-24 x 1/2", s.s.	4
32	10231	Hex Nut, 10-24, s.s., locking	4
—	66086	Knife, slicing, package of 132.	—
ALTERNATE PARTS			
33	63691	Conical Feed Hopper, (replaces hopper grid, item 30)	1
34	66140	Impeller, 6 blade, angled.	1
35	66838	Impeller, 12 blade, angled.	1

PARTS

Electrical Assembly (NEMA components)



PARTS

Electrical Assembly (NEMA components)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	*	Electrical Assembly, 1700, (includes items 1–52 plus parts on page 33) . . .	1
1	*	Combination Starter, (includes items 2–29)	1
2	13449	Push Button, start, (includes item 3)	1
3	60218	Rubber Boot, start	1
4	12605	Legend Plate, start	1
5	13450	Push Button, stop, (includes item 6)	1
6	60219	Rubber Boot, stop	1
7	12606	Legend Plate, stop	1
8	12597	Pilot Light, (includes items 9–10)	1
9	12598	Lens, pilot light	1
10	12599	Bulb, pilot light	1
11	12600	Plate, pilot light	1
12	12603	Reset Button, (includes item 13)	1
13	12604	Rubber Boot, reset	1
14	*	Starter, (includes items 15–17)	1
15	*	Operating Coil	1
16	*	Overload Relay	1
17	63579	Auxiliary Contact, normally open	1
18	63383	Operating Handle	1
19	63384	Connecting Rod	1
20	63382	Circuit Breaker Operating Mechanism	1
21	63385	Current Transformer	1
22	63219	Motor Load Indicator, 3-1/2" face	1
23	11606	Terminal Block	3
24	11607	End Section, terminal block	2
25	12882	Door Gasket, (fitting and adhesive required)	1
26	13596	Fastener for Enclosure	4
27	13602	Nylon Washer	4
28	13618	Retainer	4
29	13518	Earthing Bar	1
30	*	Circuit Breaker	1
31	13408	Padlock, with chain	1
32	10012	Lock Washer, 3/16"	3
33	10625	Round Head Machine Screw, w/washer, 10-32 x 1/2"	10
34	10276	Round Head Machine Screw, 10-24 x 5/16"	3
35	63737	**Amplifier, (includes items 36–39)	1
36	13673	Adapter, fuse	2
37	13671	Fuse, .630 amp.	1
38	13672	Fuse, .125 amp.	1
39	63755	Resistor, 22 kOhm	4
40	63247	Butt Splice	4
41	63755	Resistor, 22 kOhm	2
42	63747	Adapter Plate	1
43	12633	Rubber Washer, 3/16 x 5/8 x 1/8" thick	4
44	63759	Wiring Diagram, use with oil mist lubricated spindles; see page 34	1
	63760	Wiring Diagram, use with grease lubricated spindles; see page 35	1
45	11593	Breather/Drain, 1/4"	1
46	***	Heater Element	3
47	*	Control Circuit Transformer	1
48	*	Transformer Fuse, (primary)	2
49	*	Transformer Fuse, (secondary)	1
50	63663	Window Replacement Kit, (includes items 51 & 52)	1
51	63867	Window Gasket	1
52	—	Window, (not sold separately)	1

* See chart on page 27.

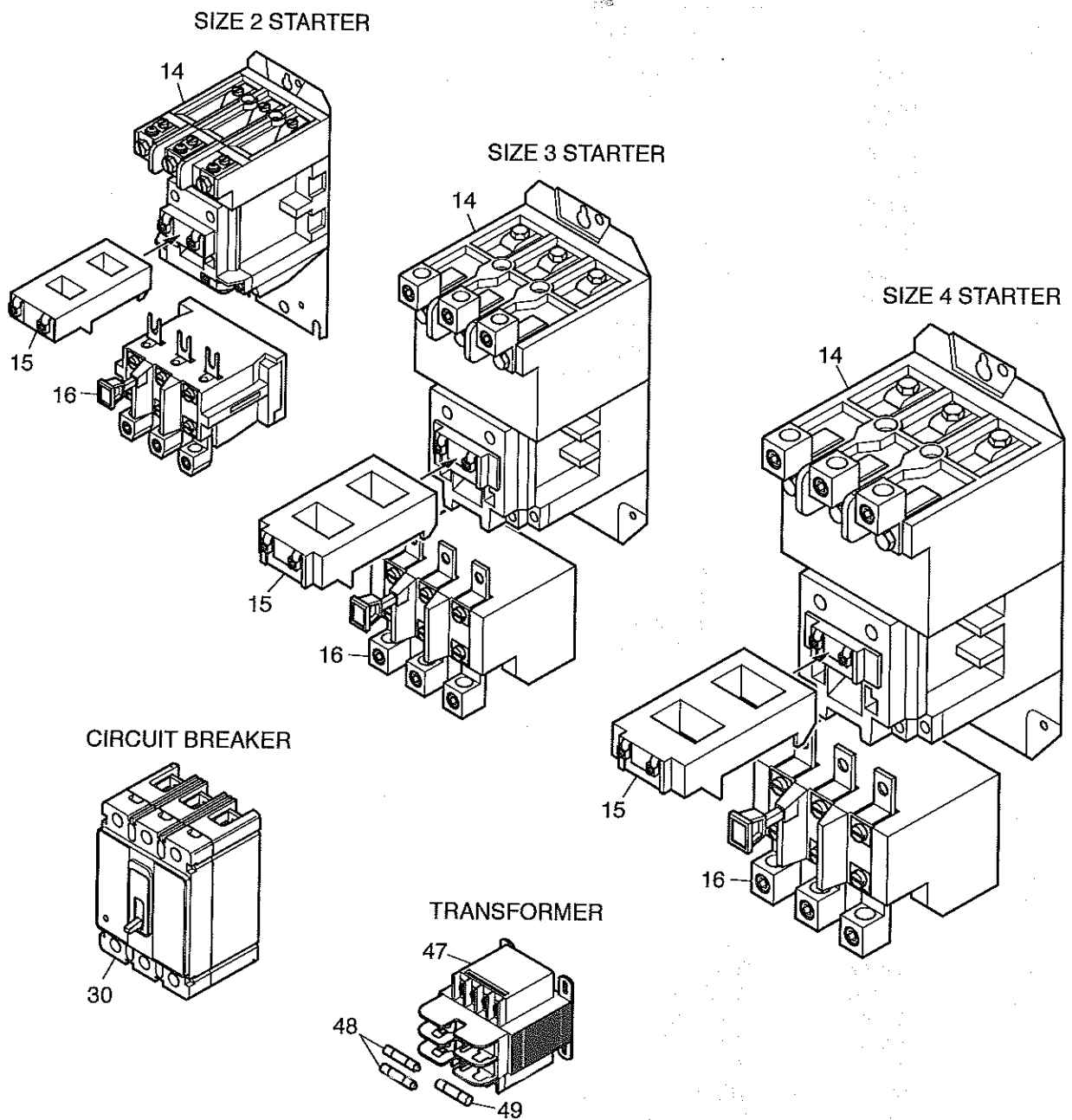
** A retrofit assembly (part no. 63756) is required to adapt 63737 amplifier to machines currently using 63068 amplifier. Consult Urschel Laboratories for further information.

*** Consult Urschel Laboratories, Inc.

(continued on page 27)

PARTS

Electrical Assembly (NEMA components)



PARTS

Electrical Assembly (NEMA components)

(continued from page 25)

(The following items refer to the parts list on page 25)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
14	*	Starter , (includes items 15–16)	1
15	*	Operating Coil	1
16	*	Overload Relay	1
30	*	Circuit Breaker	1
47	*	Control Circuit Transformer	1
48	*	Transformer Fuse , (primary)	2
49	*	Transformer Fuse , (secondary)	1

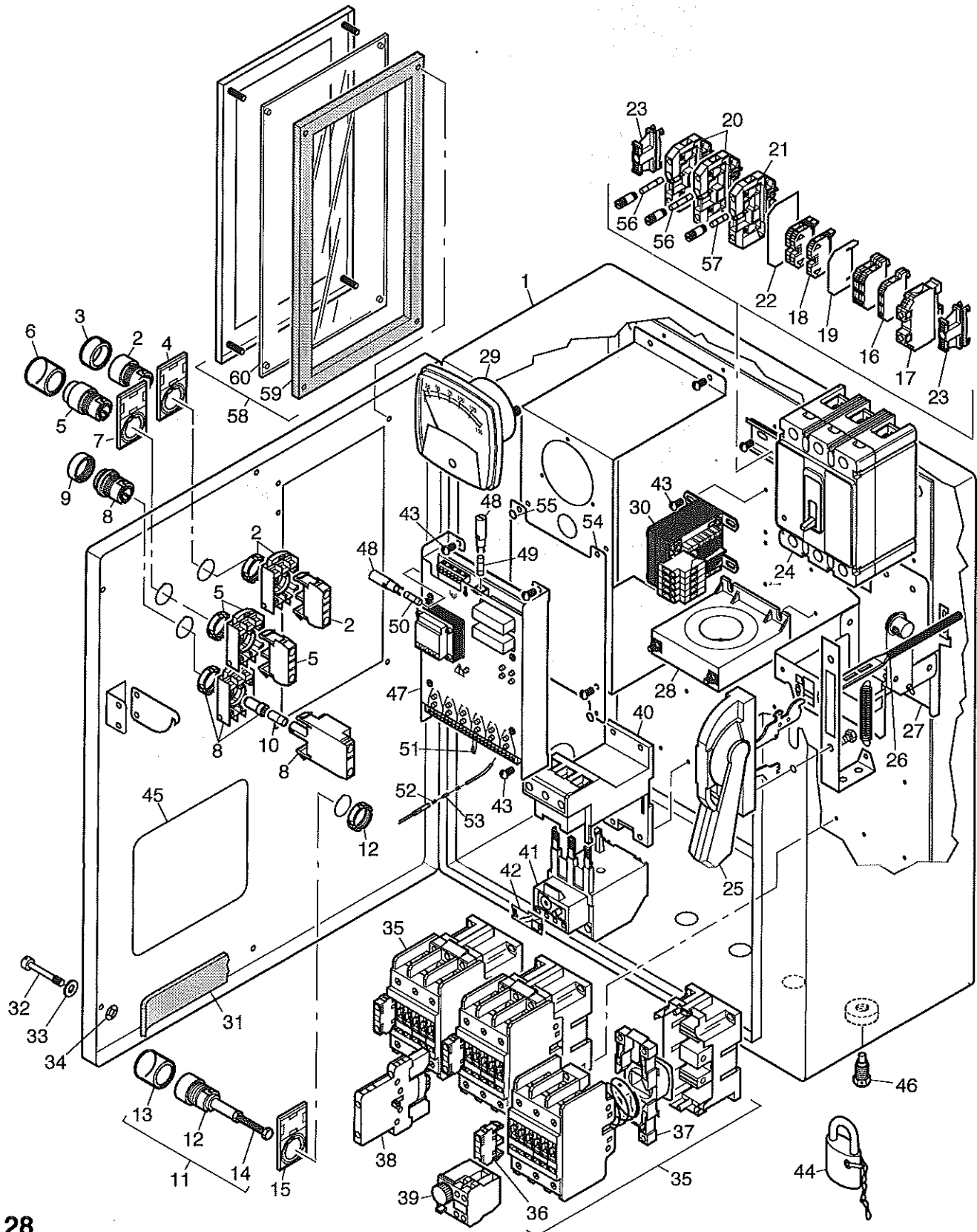
Electrical Ass'y No.	Volts	Motor H.P.	Comb. Starter (see pg 25)	Items 14, 15 & 16			Item 30 Circuit Breaker	Item 47 Control Circuit Transformer	Items 48 & 49 Transformer Fuses	
				Starter (size)	Coil	Overload Relay			Primary	Secondary
63761	200	15	63439	63296 (3)	61212	63561	63418	63666	12697	63271
63762	230	15	63438	63281 (2)	60518	63560	63417	13608	12691	13426
63764	460	15	63438	63281 (2)	60518	63560	63416	13608	12691	13426
63765	575	15	63438	63281 (2)	60518	63560	63416	13609	12691	13426
63766	200	30	63441	63297 (4)	61213	63562	*63567	63669	12695	63130
63767	230	30	63439	63296 (3)	61212	63561	63567	63666	12697	63271
63769	460	30	63439	63296 (3)	61212	63561	63417	63668	12692	63271
63770	575	30	63439	63296 (3)	61212	63561	63417	63667	12694	63271
63771	200	40	63441	63297 (4)	61213	63562	*63567	63669	12695	63130
63772	230	40	63441	63297 (4)	61213	63562	*63567	63669	12695	63130
63774	460	40	63439	63296 (3)	61212	63561	63418	63668	12692	63271
63775	575	40	63439	63296 (3)	61212	63561	63418	63667	12694	63271

* Included with combination starter.

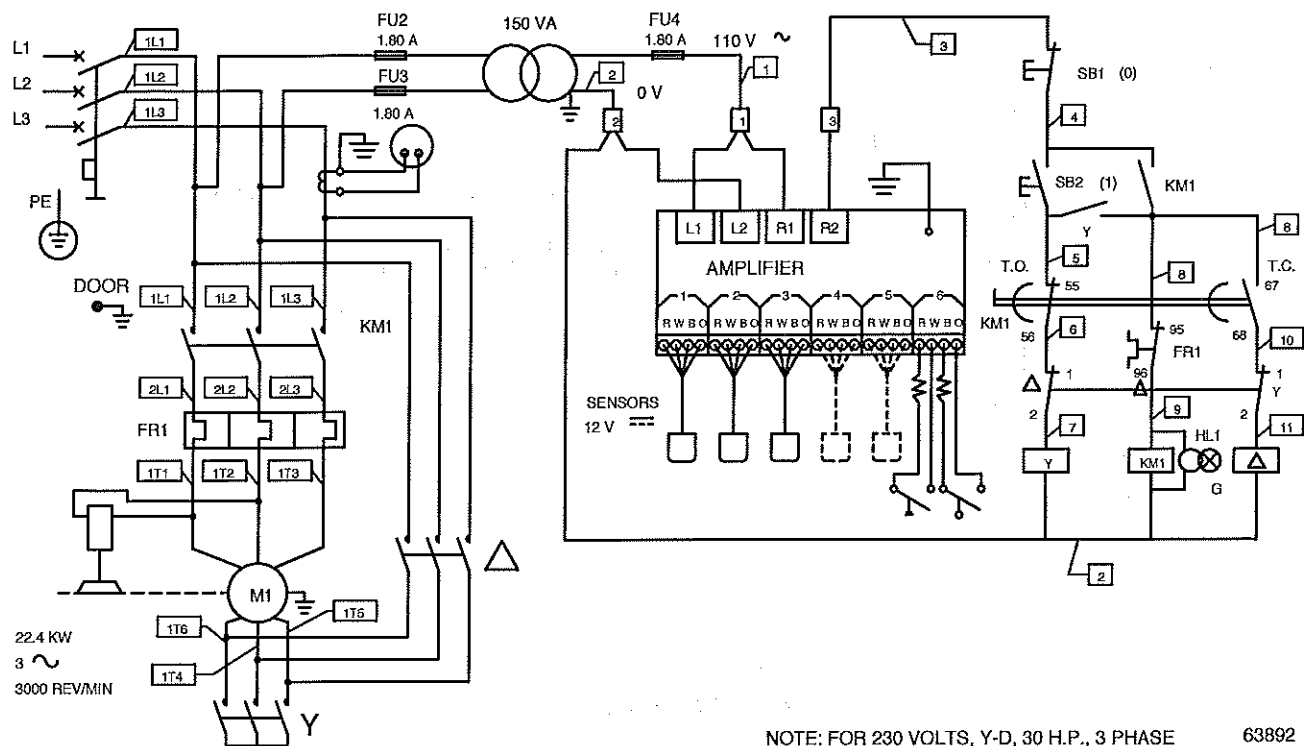
PARTS

Electrical Assembly (IEC components)

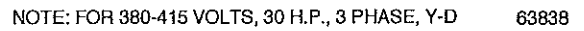
ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	*	Electrical Assembly, 1700, (includes items 1–60 plus parts on page 33) . . .	1
1	*	IEC Enclosure, (includes items 2–40)	1
2	12740	Start Button Assembly, (includes item 3)	1
3	12748	Protective Cap, flush head, IEC	1



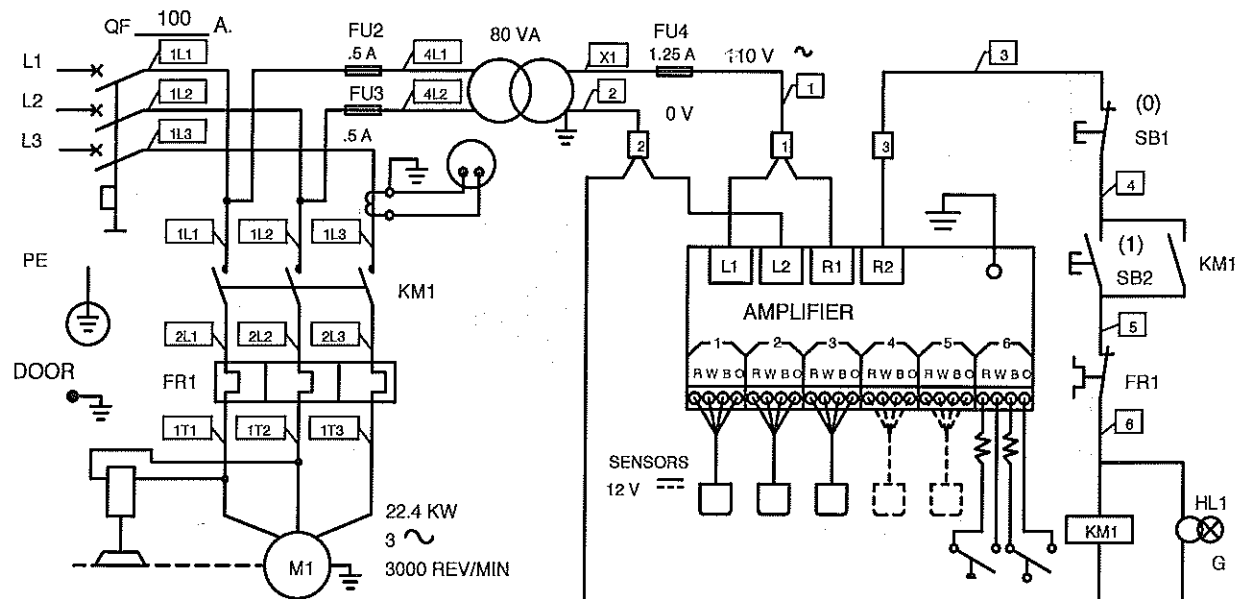
Wiring Diagram 63892



Wiring Diagrams 63838 & 63848

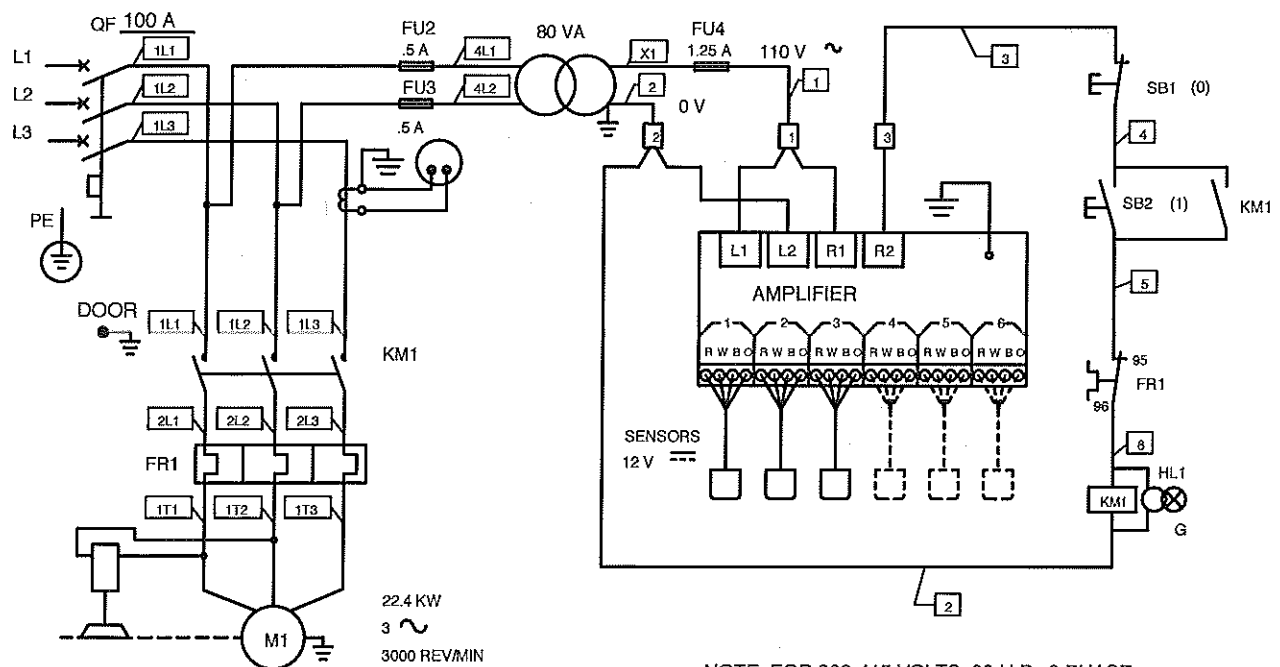


Wiring Diagrams 63861 & 63852



NOTE: FOR 380-415 VOLTS, 30 H.P., 3 PHASE

63861

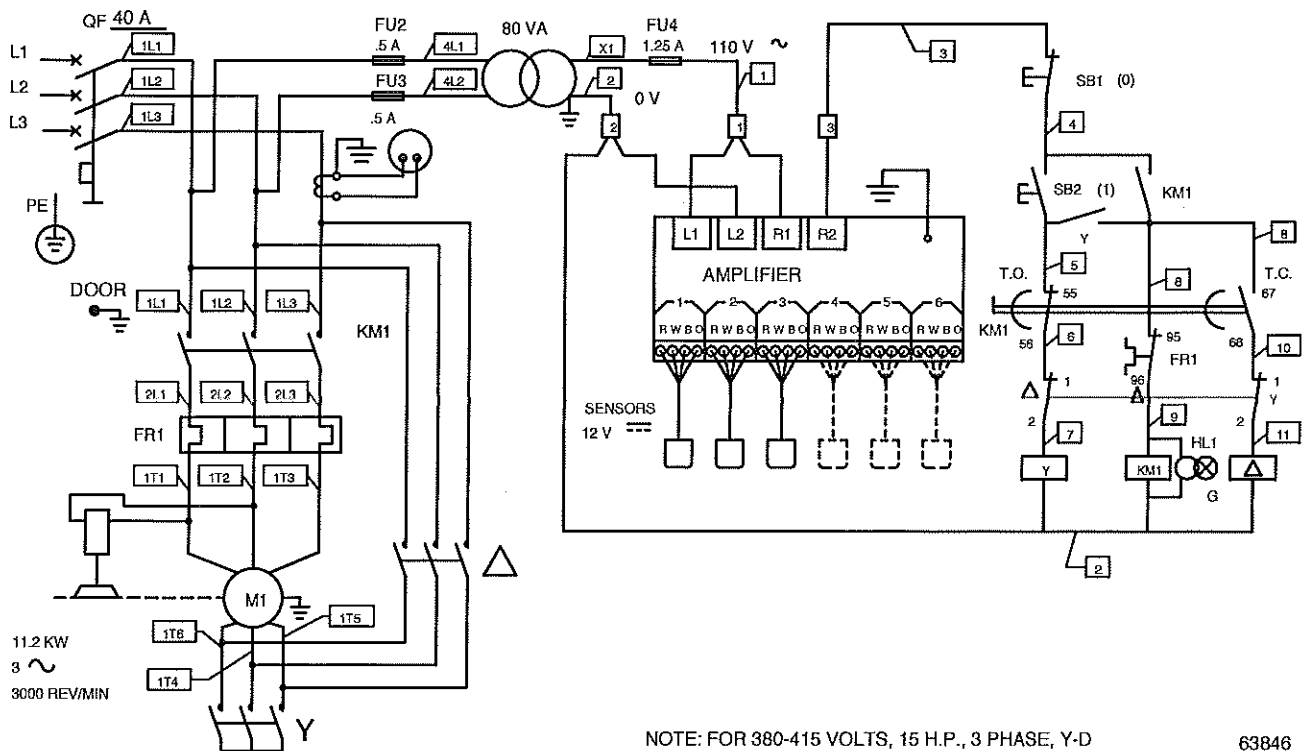
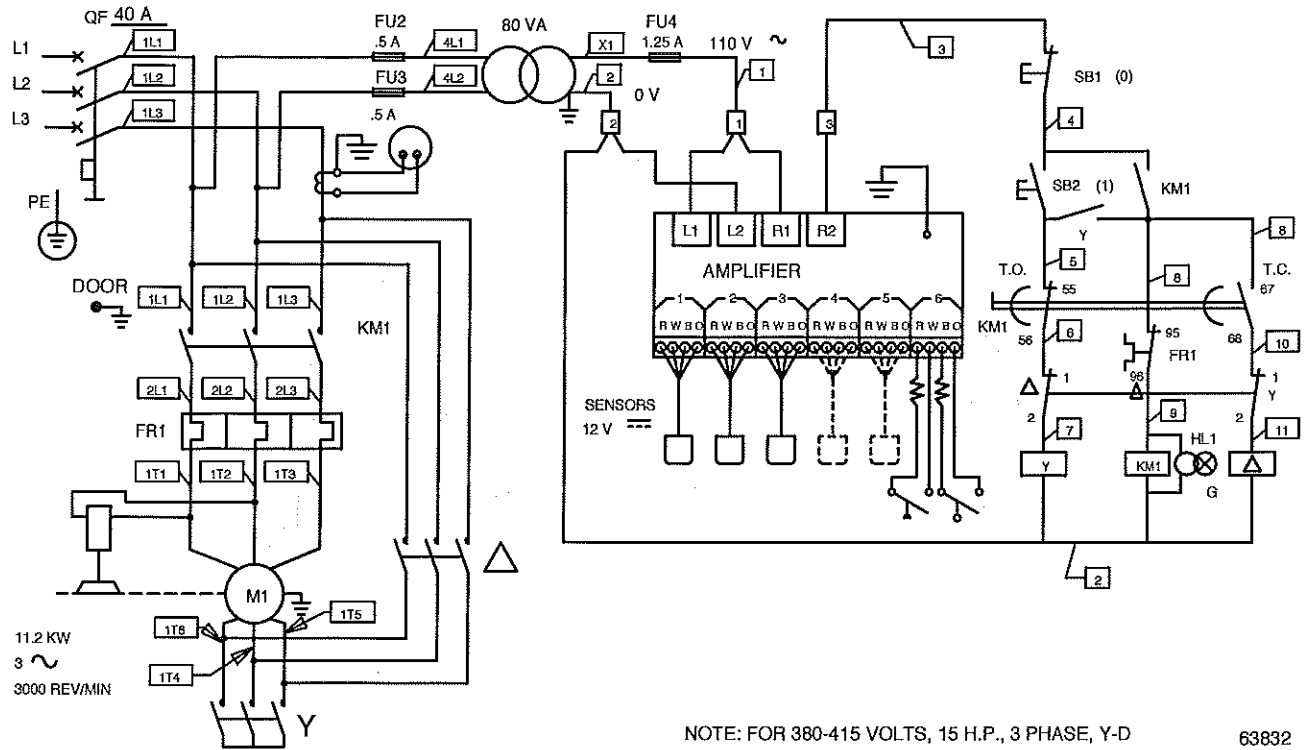


NOTE: FOR 380-415 VOLTS, 30 H.P., 3 PHASE

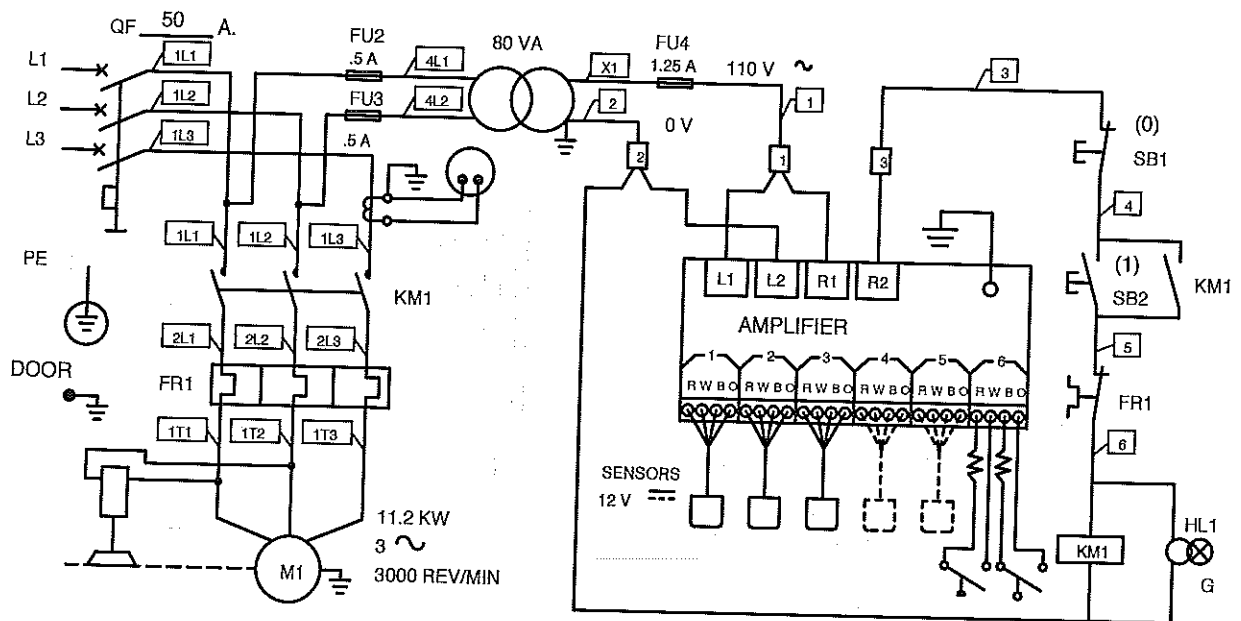
63852

PARTS

Wiring Diagram 63832 & 63846

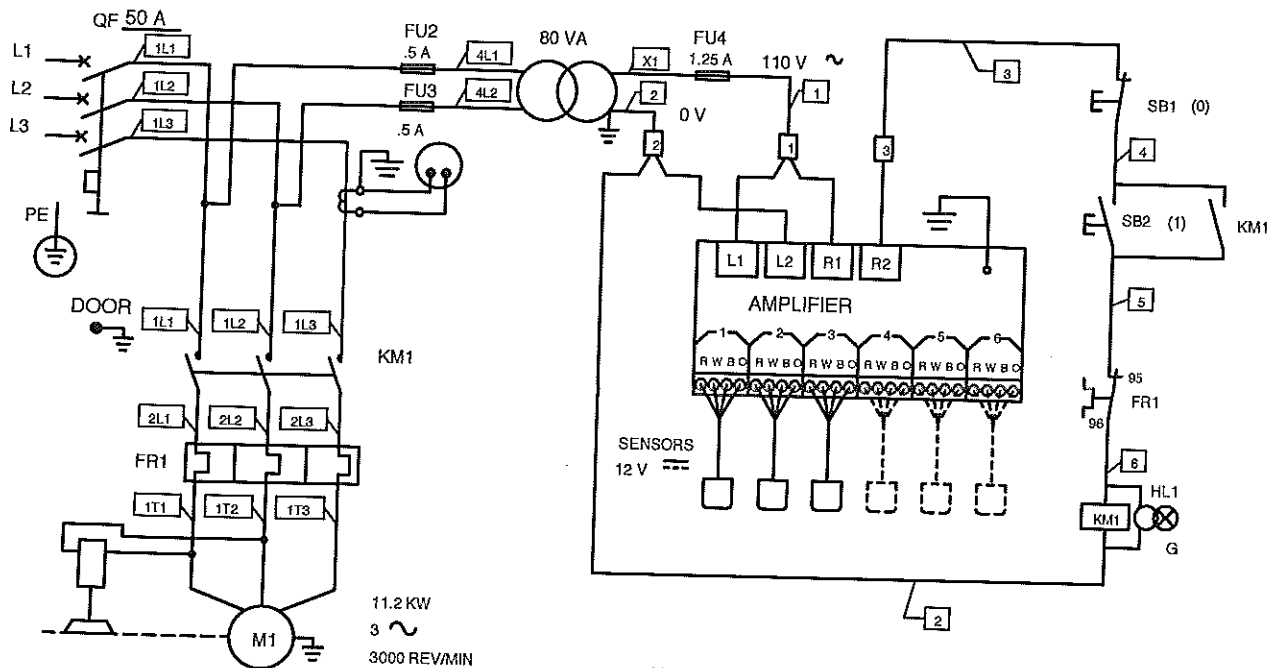


Wiring Diagrams 63858 & 63851



NOTE: FOR 380-415 VOLTS, 15 H.P., 3 PHASE

63858

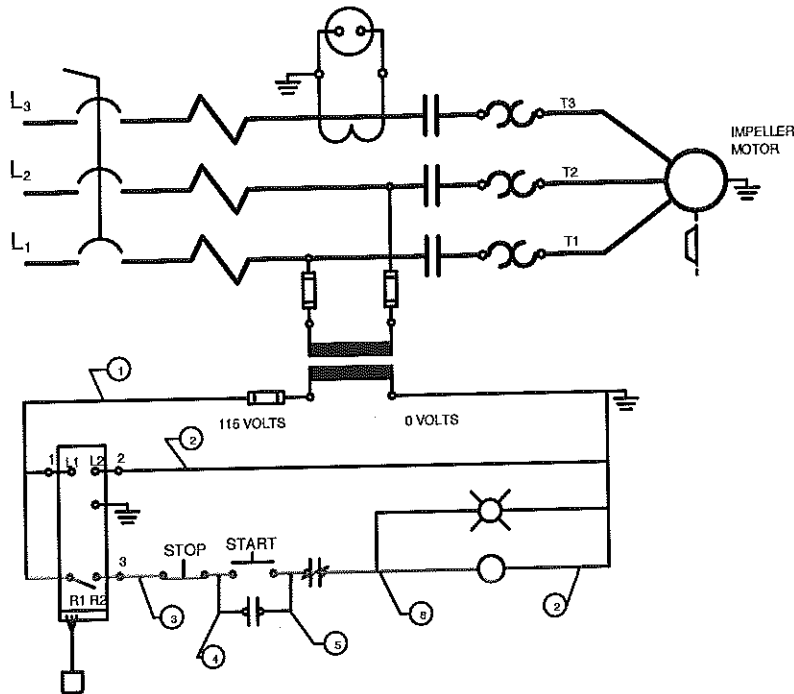
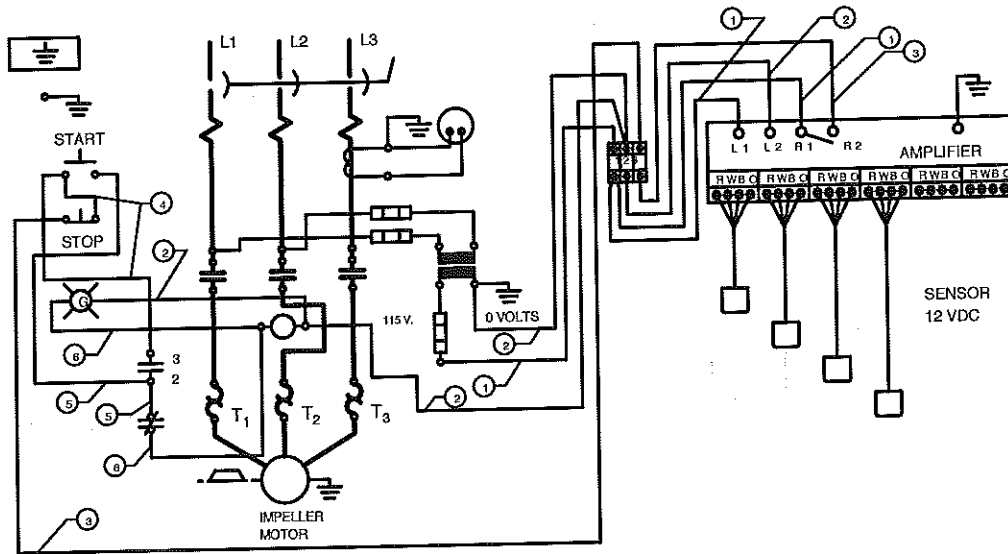


NOTE: FOR 380-415 VOLTS, 15 H.P., 3 PHASE

63851

PARTS

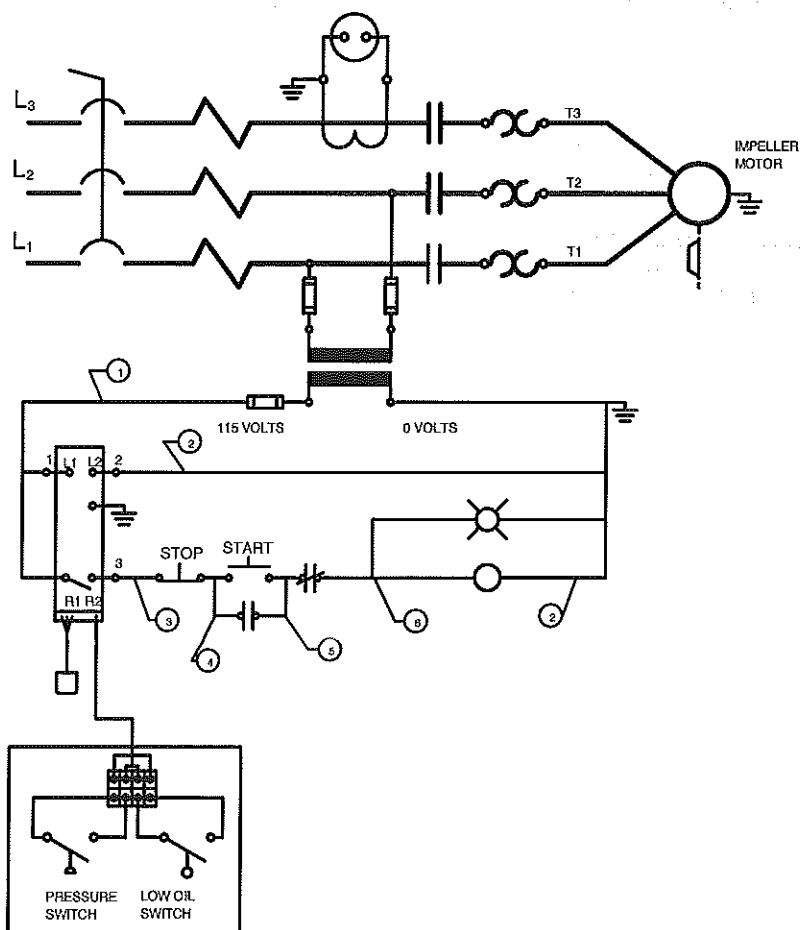
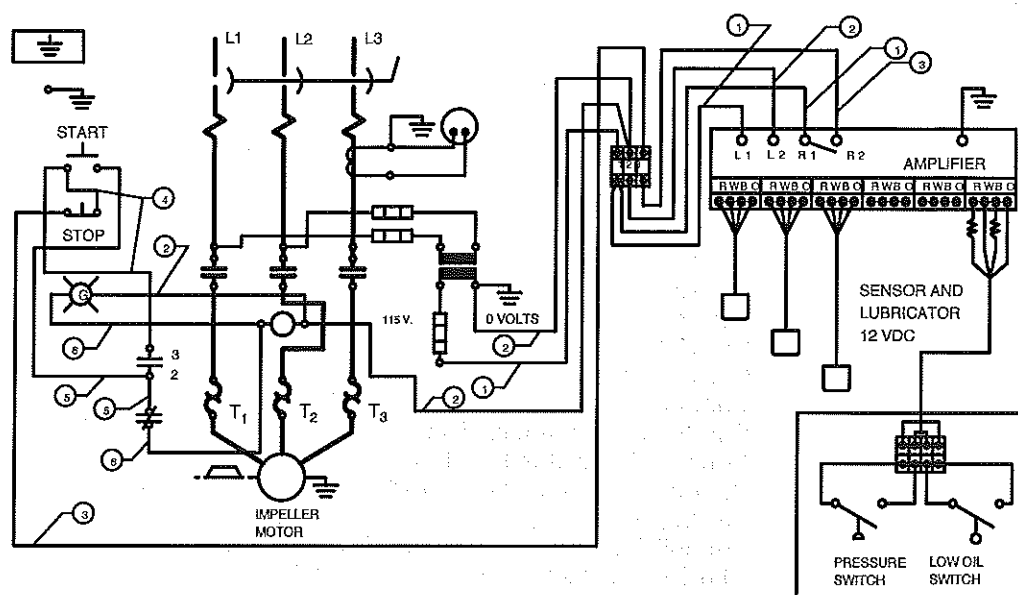
Wiring Diagram 63760



63760

PARTS

Wiring Diagram 63759



63759

PARTS

Electrical Assembly (Switches)

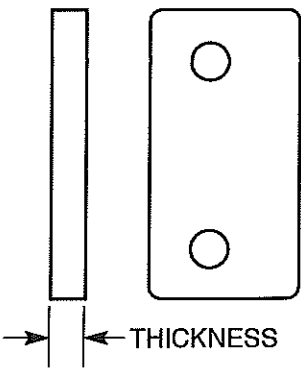
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	63738	Sensor, 6' lead.	3
	63739	Sensor, 12' lead (use at switch no.3 when extra lead length is required) . .	
2	63741	Actuator	3
3	63216	Bracket	1
4	63133	Alignment Bracket.	3
5	†	Spacer.	6
6	10039	Hex Head Cap Screw, 1/4-20 x 1", s.s.	2
7	10230	Hex Nut, 1/4-20, s.s.	2
8	10231	Hex Nut, locking, 10-24, s.s.	12
9	10233	Hex Head Cap Screw, 10-24 x 1", s.s.	2
10	10348	Hex Head Cap Screw, 10-24 x 1-1/4", s.s.	4
11	10351	Hex Head Cap Screw, 10-24 x 7/8", s.s.	6
12	10045	Hex Head Cap Screw, 5/16-18 x 3/4", s.s.	4
13	10306	Hex Nut, locking, 5/16-18, s.s.	4
14	11548	Cord Connector, 7/32", 90°	4
15	11617	Conduit Connector, straight, 1-1/4" (NEMA assemblies)	1
	11619	Conduit Connector, straight, 1-1/2" (IEC & NEMA assemblies).	1
16	11618	Conduit Connector, 90°, 1-1/4" (NEMA assemblies)	1
	11620	Conduit Connector, 90°, 1-1/2" (IEC & NEMA assemblies)	1
17	11622	Sealing "O" Ring (NEMA assemblies)	1
18	11538	Conduit Bushing, 1-1/4 x 1-1/2" (NEMA assemblies, use one of the bushings listed to fit the hole in the motor conduit box)	1
	11540	Conduit Bushing, 1-1/2 x 2" (NEMA assemblies)	1
	11541	Conduit Bushing, 1-1/4 x 2" (NEMA assemblies)	1
19	13424	Clip	1
20	13465	Clip	11
21	11513	Cable Tie	10
22	11534	Cable Tie, small	20
23	11582	Conduit Hub, 1"	1

GREASE SPINDLE MACHINES CONTAIN IN ADDITION:

24	63738	Sensor, 6' lead.	1
25	63741	Actuator	1
26	†	Spacer.	1
27	10231	Hex Nut, locking, 10-24, s.s.	4
28	10233	Hex Head Cap Screw, 10-24 x 1", s.s.	4

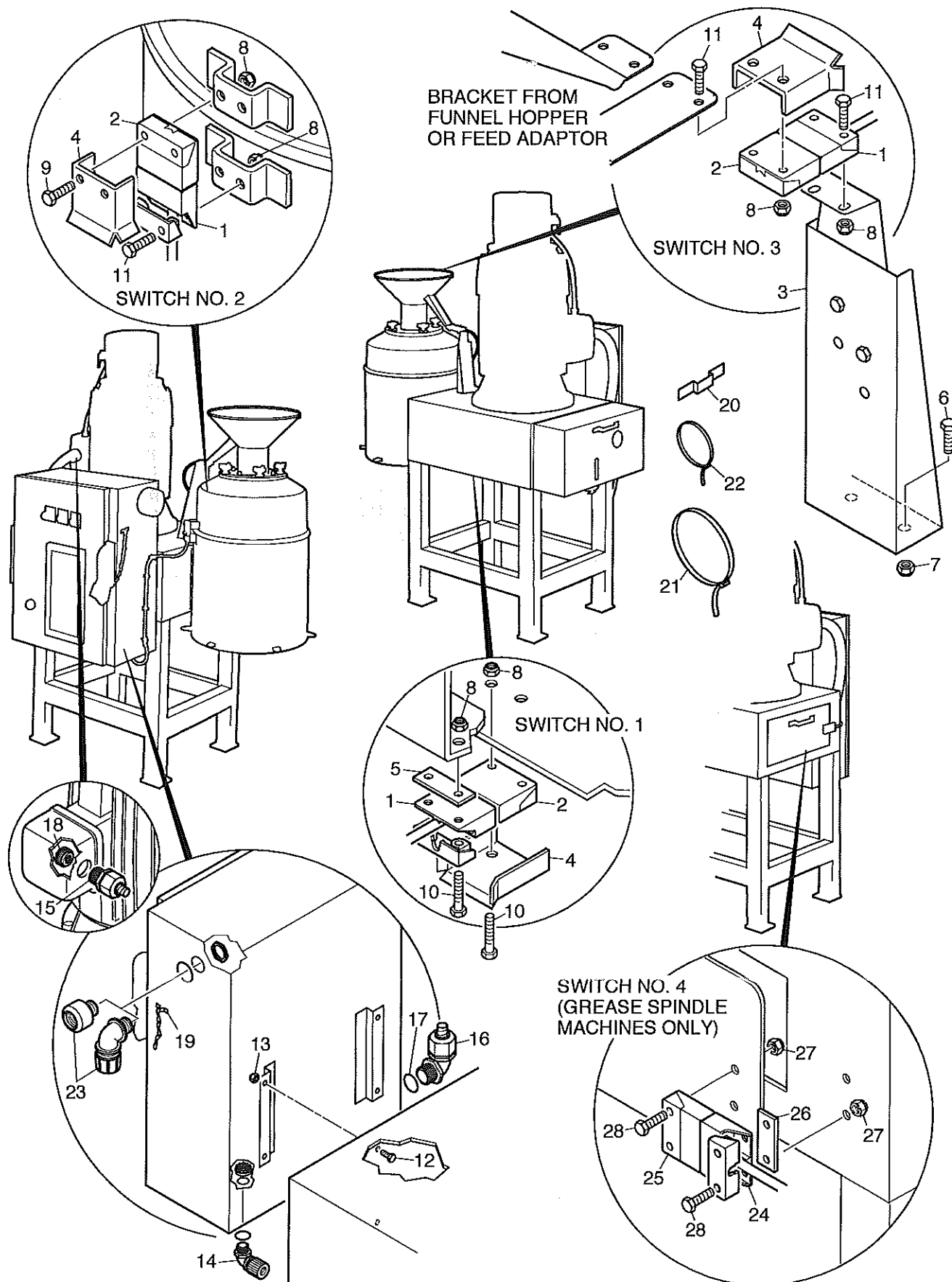
† See chart below to select spacer so that sensor and actuator are aligned.

SWITCH SPACER CHART		
Item 72 Part No.	Thickness	
	inches	mm
63084	.037	.94
12799	.062	1.57
12800	.093	2.36
12801	.125	3.18
12802	.187	4.75
12803	.250	6.35
12804	.312	7.92
12805	.375	9.53
12806	.437	11.10
12807	.500	12.70



PARTS

Electrical Assembly (Switches)



PARTS

Electrical Assembly (IEC components)

(continued from page 29)
 (The following items refer to the parts list on pages 28 & 29)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
24	*	Circuit Breaker	1
35	*	Contactor	*
45	*	Wiring Diagram, (see page 28 for location; also see pages 36-42)	1

Electrical Ass'y No.	Volts	Starting Method	Motor H.P.	Enclos. (see page 28)	Item 24 Circuit Breaker	Item 35 Contactor & Qty.	Item 45 Wiring Diagram	
							Oil Mist Spindle	Grease Spindle
63856	400	A-L	15	63828	12848	12874 1	63858	63851
63833	400	Y-D	15	63830	*12847	12874 3	63832	63846
63859	400	A-L	30	63829	12850	12876 1	63861	63852
63834	400	Y-D	30	63830	12849	12874 3	63838	63848
63891	230	Y-D	30	63831	*63567	12876 3	63892	**
63862	400	A-L	40	63829	*12869	12876 1	63864	63853
63835	400	Y-D	40	63830	*12850	12874 3	63839	63850

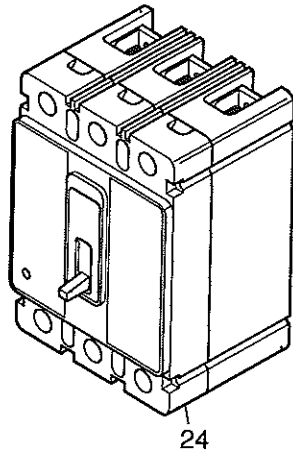
* Not included with enclosure.

** Contact Urschel Laboratories, Inc.

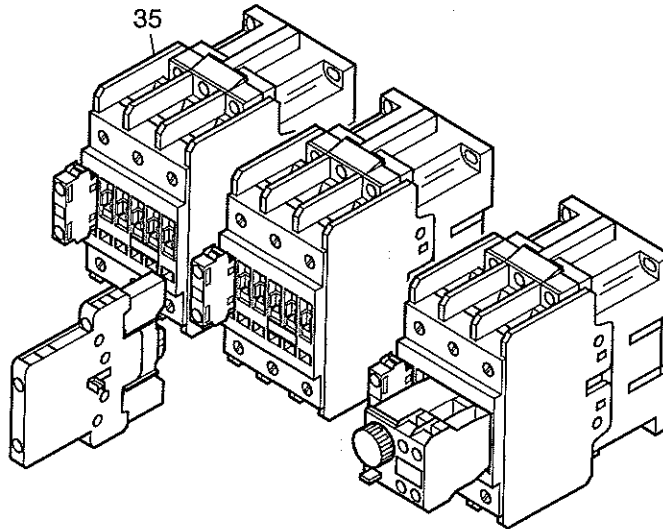
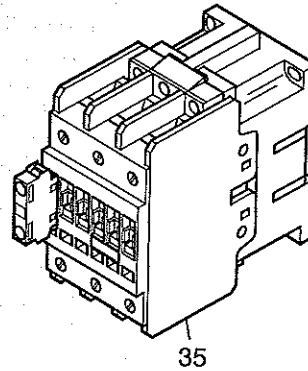
PARTS

Electrical Assembly (IEC components)

CIRCUIT BREAKER



ACROSS THE LINE (A-L) STARTING METHOD USES ONE CONTACTOR.



WYE-DELTA (Y-D) STARTING METHOD USES THREE CONTACTORS PLUS MECHANICAL INTERLOCK AND PNEUMATIC TIMER (SEE PAGE 28).

PARTS

Electrical Assembly (IEC components)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
4	12742	Name Plate, (I) start, IEC.	1
5	12741	Stop Button Assembly, (includes item 6)	1
6	12749	Protective Cap, extended head, IEC.	1
7	12743	Name Plate, (O) stop, IEC.	1
8	12757	Pilot Light, IEC, (includes items 9-10)	1
9	12758	Pilot Light Lens, IEC.	1
10	12599	Bulb, pilot light, IEC.	1
11	12747	Reset Button Assembly, IEC, (includes items 12-14)	1
12	12744	Reset Button, IEC.	1
13	12748	Protective Cap, flush head, IEC.	1
14	12745	Reset Extender, IEC.	1
15	12746	Reset Insert with Holder	1
16	12750	Earthing Terminal, IEC.	3
17	12917	Earthing Terminal, IEC.	1
18	12760	Terminal, IEC, (includes item 19).	3
19	***	Barrier, IEC.	1
20	12764	Fuse Terminal, 6.3 x 32 mm, IEC, (includes item 22)	2
21	12763	Fuse Terminal, 5 x 20 mm, IEC, (includes item 22)	1
22	***	Barrier and Spacer, IEC.	1
23	12751	End Anchor, IEC.	2
24	*	Circuit Breaker.	1
25	63383	Operating Handle	1
26	63384	Connecting Rod	1
27	63382	Circuit Breaker Operating Mechanism	1
28	63385	Current Transformer	1
29	63219	Motor Load Indicator, 3-1/2" face	1
30	13670	Control Circuit Transformer	1
31	12882	Door Gasket, (fitting and adhesive required)	1
32	13596	Fastener for Enclosure	4
33	13602	Nylon Washer	4
34	13618	Retainer	4
35	*	Contact, (includes items 36 & 37).	*
36	12755	Front-Mount Auxiliary Contact, N.O.	1
37	12875	Coil, 110/120 volts, 50/60 hertz, IEC	1
38	12877	Mechanical Interlock for "CL" Contactor, (Y-D electrical ass'y only)	1
39	12878	Pneumatic Timer, on delay, .1-30 sec., (Y-D electrical ass'y only).	1
40	12870	Overload Base Adapter	1
41	***	Overload Relay	1
42	12871	Transparent Cover for Adjustment Dial.	1
43	10625	Round Head Machine Screw, w/washer, 10-32 x 1/2"	14
44	13408	Padlock, with chain.	1
45	*	Wiring Diagram	1
46	11593	Breather/Drain, 1/4"	1
47	63737	**Amplifier, (includes items 48-51).	1
48	13673	Adapter.	2
49	13671	Fuse, .630 amp.	1
50	13672	Fuse, .125 amp.	1
51	63755	Resistor, 22 kOhm.	4
52	63247	Butt Splice	4
53	63755	Resistor, 22 kOhm	2
54	63747	Adapter Plate	1
55	12633	Rubber Washer.	4
56	13675	Transformer Fuse, .5 amp, (primary)	2
57	13674	Transformer Fuse, 1.25 amp, (secondary)	1
58	63663	Window Replacement Kit, (includes items 59 & 60)	1
59	63867	Window Gasket.	1
60	—	Window, (not sold separately)	1

* See chart on page 31.

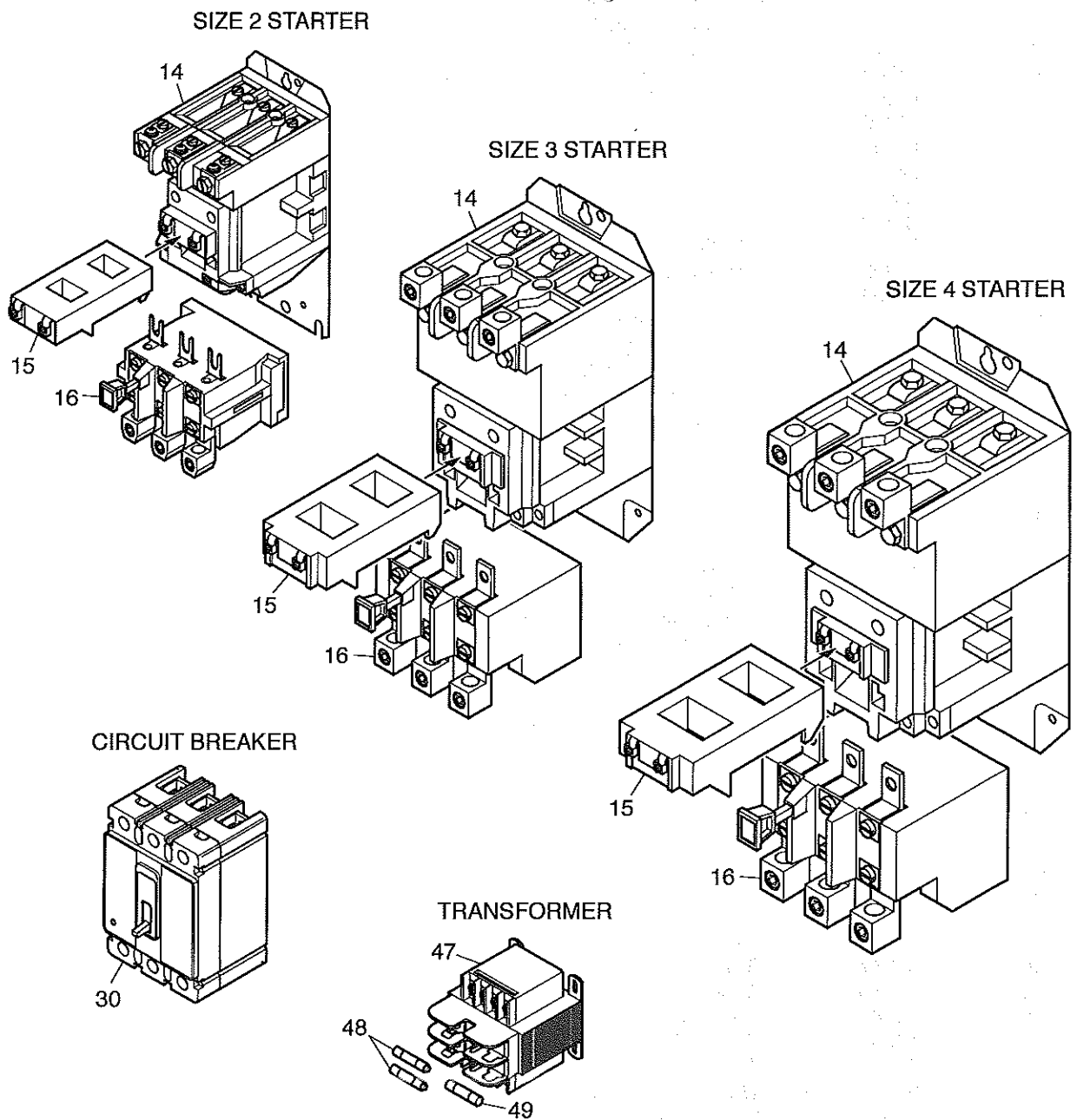
** A retrofit assembly (part no. 63756) is required to adapt 63737 amplifier to machines currently using 63068 amplifier. Consult Urschel Laboratories for further information.

*** Consult Urschel Laboratories, Inc.

(continued on page 31)

PARTS

Electrical Assembly (NEMA components)



PARTS

Electrical Assembly (NEMA components)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	*	Electrical Assembly, 1700, (includes items 1–52 plus parts on page 33) . . .	1
1	*	Combination Starter, (includes items 2–29)	1
2	13449	Push Button, start, (includes item 3)	1
3	60218	Rubber Boot, start	1
4	12605	Legend Plate, start	1
5	13450	Push Button, stop, (includes item 6)	1
6	60219	Rubber Boot, stop	1
7	12606	Legend Plate, stop	1
8	12597	Pilot Light, (includes items 9–10)	1
9	12598	Lens, pilot light	1
10	12599	Bulb, pilot light	1
11	12600	Plate, pilot light	1
12	12603	Reset Button, (includes item 13)	1
13	12604	Rubber Boot, reset	1
14	*	Starter, (includes items 15–17)	1
15	*	Operating Coil	1
16	*	Overload Relay	1
17	63579	Auxiliary Contact, normally open	1
18	63383	Operating Handle	1
19	63384	Connecting Rod	1
20	63382	Circuit Breaker Operating Mechanism	1
21	63385	Current Transformer	1
22	63219	Motor Load Indicator, 3-1/2" face	1
23	11606	Terminal Block	3
24	11607	End Section, terminal block	2
25	12882	Door Gasket, (fitting and adhesive required)	1
26	13596	Fastener for Enclosure	4
27	13602	Nylon Washer	4
28	13618	Retainer	4
29	13518	Earthing Bar	1
30	*	Circuit Breaker	1
31	13408	Padlock, with chain	1
32	10012	Lock Washer, 3/16"	3
33	10625	Round Head Machine Screw, w/washer, 10-32 x 1/2"	10
34	10276	Round Head Machine Screw, 10-24 x 5/16"	3
35	63737	**Amplifier, (includes items 36–39)	1
36	13673	Adapter, fuse	2
37	13671	Fuse, .630 amp.	1
38	13672	Fuse, .125 amp.	1
39	63755	Resistor, 22 kOhm	4
40	63247	Butt Splice	4
41	63755	Resistor, 22 kOhm	2
42	63747	Adapter Plate	1
43	12633	Rubber Washer, 3/16 x 5/8 x 1/8" thick	4
44	63759	Wiring Diagram, use with oil mist lubricated spindles; see page 34	1
	63760	Wiring Diagram, use with grease lubricated spindles; see page 35	1
45	11593	Breather/Drain, 1/4"	1
46	***	Heater Element	3
47	*	Control Circuit Transformer	1
48	*	Transformer Fuse, (primary)	2
49	*	Transformer Fuse, (secondary)	1
50	63663	Window Replacement Kit, (includes items 51 & 52)	1
51	63867	Window Gasket	1
52	—	Window, (not sold separately)	1

* See chart on page 27.

** A retrofit assembly (part no. 63756) is required to adapt 63737 amplifier to machines currently using 63068 amplifier. Consult Urschel Laboratories for further information.

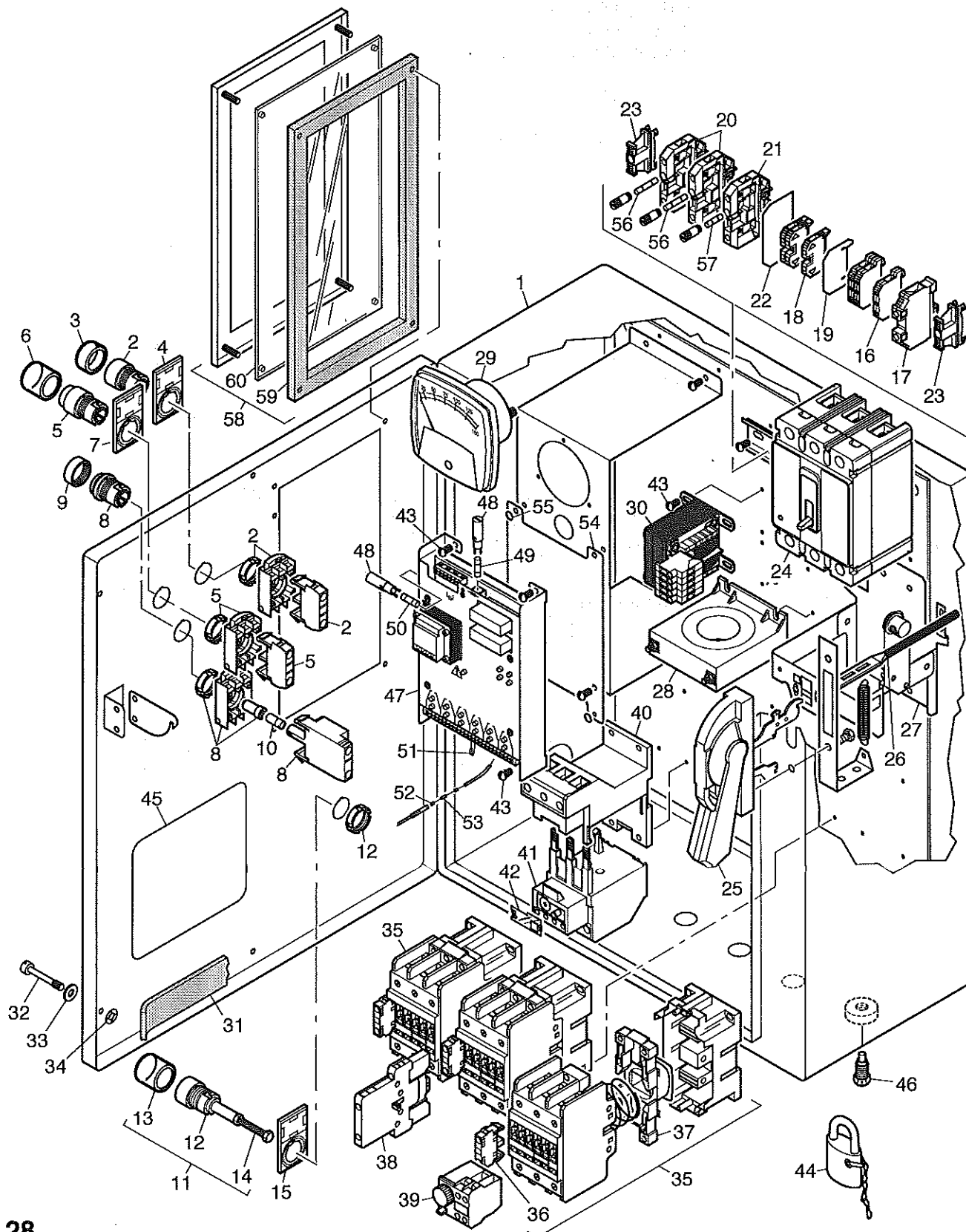
*** Consult Urschel Laboratories, Inc.

(continued on page 27)

PARTS

Electrical Assembly (IEC components)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
—	*	Electrical Assembly, 1700, (includes items 1–60 plus parts on page 33) . . .	1
1	*	IEC Enclosure, (includes items 2–40)	1
2	12740	Start Button Assembly, (includes item 3)	1
3	12748	Protective Cap, flush head, IEC	1



PARTS

Electrical Assembly (NEMA components)

(continued from page 25)

(The following items refer to the parts list on page 25)

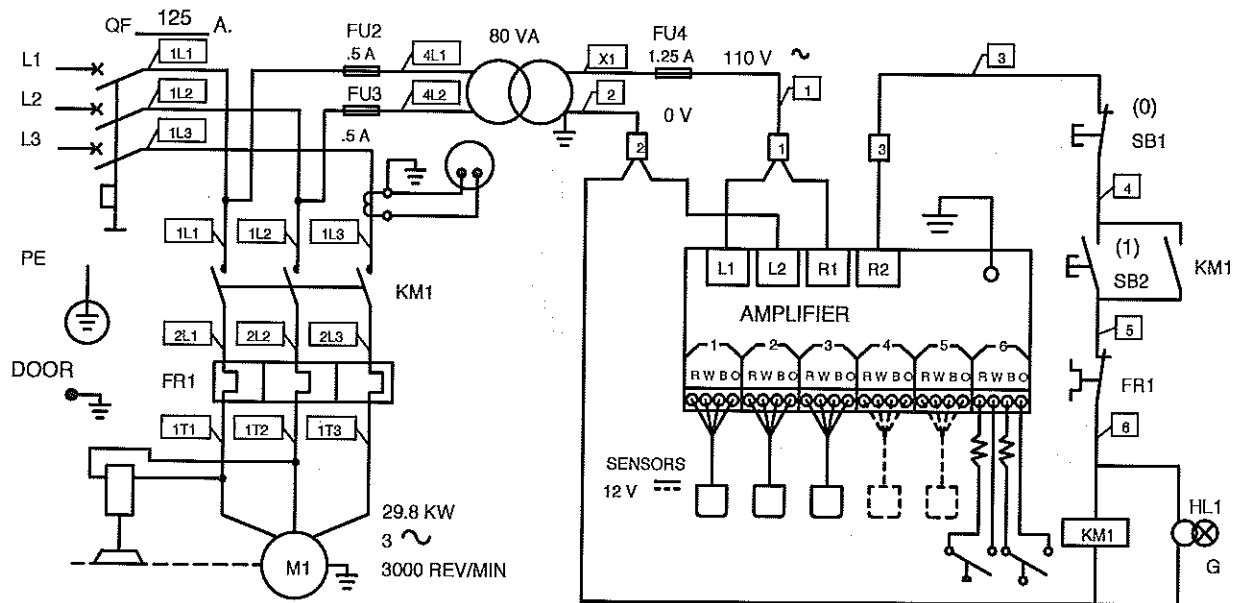
ITEM NO.	PART NO.	DESCRIPTION	QTY.
14	*	Starter, (includes items 15–16)	1
15	*	Operating Coil	1
16	*	Overload Relay	1
30	*	Circuit Breaker	1
47	*	Control Circuit Transformer.	1
48	*	Transformer Fuse, (primary)	2
49	*	Transformer Fuse, (secondary)	1

Electrical Ass'y No.	Volts	Motor H.P.	Comb. Starter (see pg 25)	Items 14, 15 & 16			Item 30 Circuit Breaker	Item 47 Control Circuit Transformer	Items 48 & 49 Transformer Fuses	
				Starter (size)	Coil	Overload Relay			Primary	Secondary
63761	200	15	63439	63296 (3)	61212	63561	63418	63666	12697	63271
63762	230	15	63438	63281 (2)	60518	63560	63417	13608	12691	13426
63764	460	15	63438	63281 (2)	60518	63560	63416	13608	12691	13426
63765	575	15	63438	63281 (2)	60518	63560	63416	13609	12691	13426
63766	200	30	63441	63297 (4)	61213	63562	*63567	63669	12695	63130
63767	230	30	63439	63296 (3)	61212	63561	63567	63666	12697	63271
63769	460	30	63439	63296 (3)	61212	63561	63417	63668	12692	63271
63770	575	30	63439	63296 (3)	61212	63561	63417	63667	12694	63271
63771	200	40	63441	63297 (4)	61213	63562	*63567	63669	12695	63130
63772	230	40	63441	63297 (4)	61213	63562	*63567	63669	12695	63130
63774	460	40	63439	63296 (3)	61212	63561	63418	63668	12692	63271
63775	575	40	63439	63296 (3)	61212	63561	63418	63667	12694	63271

* Included with combination starter.

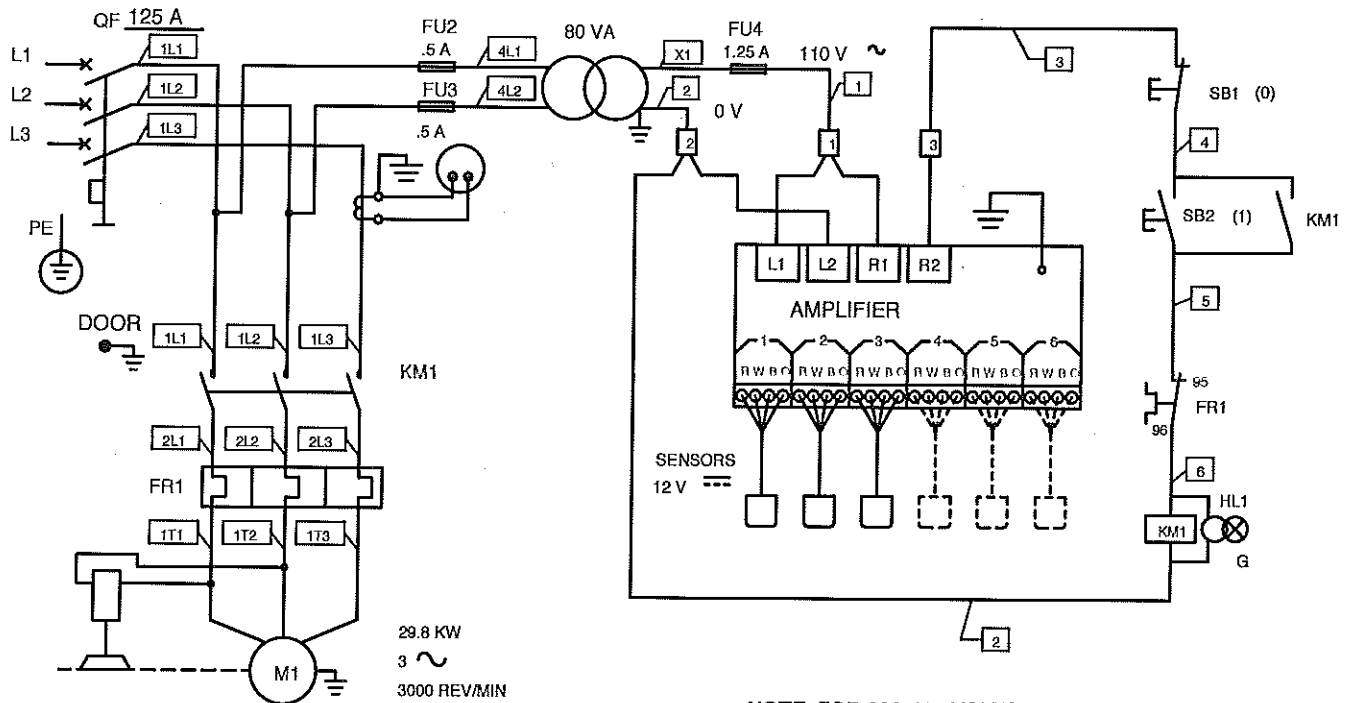
PARTS

Wiring Diagrams 63864 & 63853



NOTE: FOR 380-415 VOLTS, 40 H.P., 3 PHASE

63864

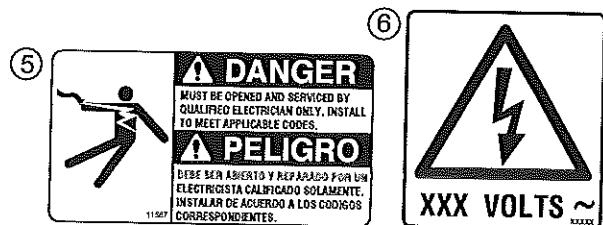
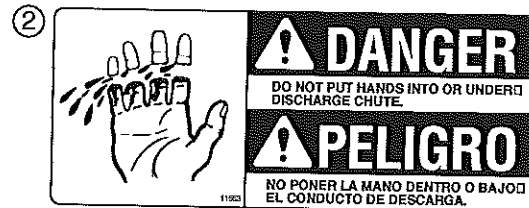
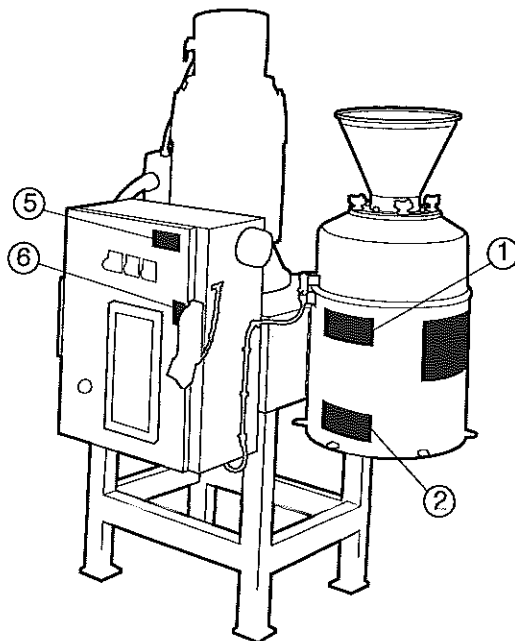
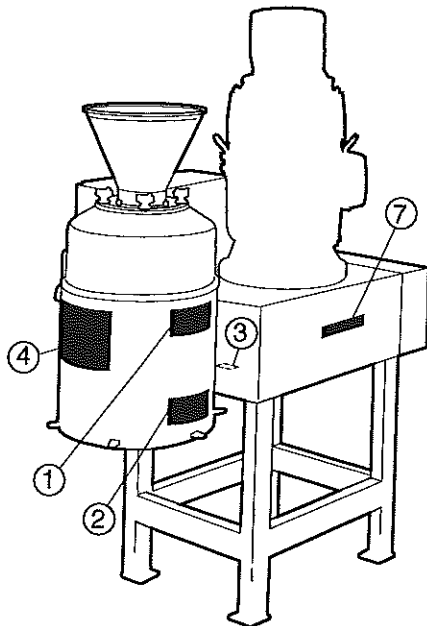


NOTE: FOR 380-415 VOLTS, 40 H.P., 3 PHASE

63853

PARTS

Machine Labels



7 **URSHEL**

PARTS

Machine Labels

	①	②	③	④	⑤
ENGLISH	11662	11663	11665	11666	11667
SPANISH	11662	11663	11665	11666	11667
FRENCH (F)	11674	11675	11677	11678	11679
GERMAN (Ge)	11681	11682	11684	11685	11686
JAPANESE (J)	11688	11689	11691	11692	11693
PORTUGUESE (Po)	11695	11696	11698	11699	11700
ITALIAN (It)	11702	11703	11705	11706	11707
SWEDISH (Sw)	11709	11710	11712	11713	11714
DUTCH (Du)	11716	11717	11719	11720	11721
CHINESE (Ch)	11724	11725	11727	11723	11728
POLISH (Pol)	11730	11731	11733	11734	11735
GREEK (Gr)	11737	11738	11740	11741	11742
SERBO-CROATION (Sb)	11109	11110	11112	11108	11667
RUSSIAN (Ru)	11744	11745	11747	11748	11749
INDONESIAN (In)	11751	11752	11754	11755	11756
FINNISH (Fi)	11758	11759	11761	11762	11763
TURKISH (Tu)	11765	11766	11768	11769	11770
HUNGARIAN (Hu)	11772	11773	11775	11776	11777
DANISH (Da)	11793	11794	11796	11797	11798
CZECHOSLOVAKIAN (Cz)	11868	11869	11871	11872	11873
QUANTITY	2	2	1	1	1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
6	12714	Hazard Alert Label, electrical, 200 volts	*
	12715	Hazard Alert Label, electrical, 208 volts	
	12716	Hazard Alert Label, electrical, 220 volts	
	12717	Hazard Alert Label, electrical, 230 volts	
	12718	Hazard Alert Label, electrical, 240 volts	
	12719	Hazard Alert Label, electrical, 380 volts	
	12720	Hazard Alert Label, electrical, 400 volts	
	12721	Hazard Alert Label, electrical, 415 volts	
	12722	Hazard Alert Label, electrical, 440 volts	
	12723	Hazard Alert Label, electrical, 460 volts	
	12724	Hazard Alert Label, electrical, 575 volts	
7	11326	Urschel Label	1

* One Hazard Alert Label supplied with the machine.

March 23, 1999

Oil Mist Lubricator Assembly (63911)

For Comitrol Models 1250, 1500, 1700 & 3000

Effective February 10, 1999, the above assembly replaces 63646 Oil Mist Lubricator Assembly. The new assembly 63911 will be supplied pre-adjusted to the following specifications:

Air pressure gauge: 15 p.s.i. (1.04 bar)
Air by-pass adjustment: fully closed
Oil feed rate: 40 drops per minute
Oil mist pressure switch set to shut off at 5 p.s.i.

The combined changes will double the oil consumption rate to approximately .046 fluid ounces per hour, or a 3/8" (9.53 mm) drop in oil level in 44 hours. Air consumption increases to 68 cubic feet per hour (previously 65 cubic feet per hour).

These current settings should also be applied to previously built machines containing the 63314 and 63646 oil mist lubricators.

IMPORTANT NOTICE!

62126 and 62855 Spindle Assemblies for Comitrol® Processor Models 1250, 1500, 1700, & 3000

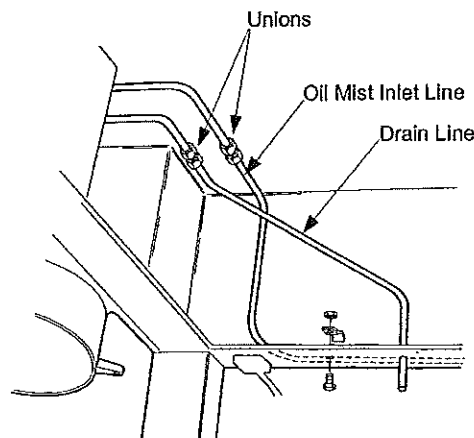
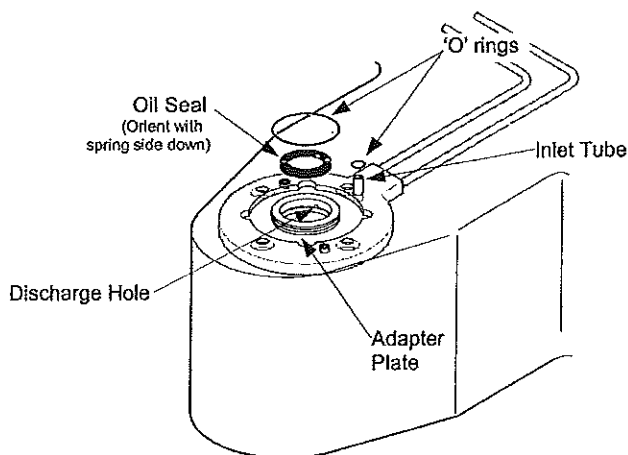
This spindle assembly requires a properly regulated supply of oil mist to insure successful operation and a long life. All components of the oil mist lubricator assembly must be in good condition and correct adjustment to successfully deliver lubricant to the spindle. The incoming air supply must be clean and dry.

It is quite common, after a normal spindle failure, for the bearings to blow burnt carbon, pieces of steel, etc. into both the inlet and drain line. It is extremely important that the 62154 Adapter Plate, inlet, and drain lines be cleaned and free from obstructions. Make certain the discharge hole on the adapter plate is clean. This may require the removal of the adapter plate or the use of a small diameter flexible wire for thorough cleaning. When reinstalling lines, overtightening the unions can restrict the air flow. Turn on the air supply and operate lubricator briefly to check for proper lubricant delivery from inlet tube. The oil seal (see orientation) and 'O' rings should be replaced whenever the spindle is replaced. Following installation of the spindle, turn on the air supply and feel drain line exit for a good flow of air.

TROUBLESHOOTING: Most common causes of early spindle failures are as follows:

1. Improper cleaning and/or improper installation of new/exchange spindle and components. (see above)
2. Lack of lubrication, i.e. improper lubricator settings, improper oil, obstructed airflow, water in air supply or oil reservoir, etc.
3. Overtightening of drive belt, worn pulley bores or worn motor shaft.
4. Product surging, overfeeding, or allowing cut product to back up into machine.
5. Developing too much pressure in an enclosed product delivery/takeaway system.
6. Input product too hot.

Please see the Comitrol® Processor Instruction manual for detailed maintenance and operation instruction.



Effective July 15th, 1997, new Oil Mist Lubricator specifications applicable to assemblies 63312 and 63646 only are as follows:

OIL MIST LUBRICATOR SPECIFICATIONS

Air pressure gauge: set at 15 p.s.i.

Oil feed rate: 40 drops per minute in sight dome

Air by-pass adjustment: fully closed

Oil mist pressure switch set to shut off at 5 p.s.i.

Recommended oil: Mobil DTE Oil Light

(Saybolt viscosity of 150 seconds at 100 ° F with rust and oxidation inhibitors)

The oil consumption rate is approximately .046 fluid ounces per hour, or a 3/8" (9.53mm) drop in oil level in 44 hours. Air consumption is 68 cubic feet per hour.

NOTE: Allow lubricator only to run at least one-half hour before starting machine.

A new oil mist lubricator assembly equipped with a coalescing filter is available from Urschel Laboratories. The coalescing filter aids in removing moisture, oil and other contaminants from the air supply. If you suspect contaminated air may be shortening spindle life, contact your Urschel sales engineer about the new oil mist lubricator assembly, part number 63646.



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