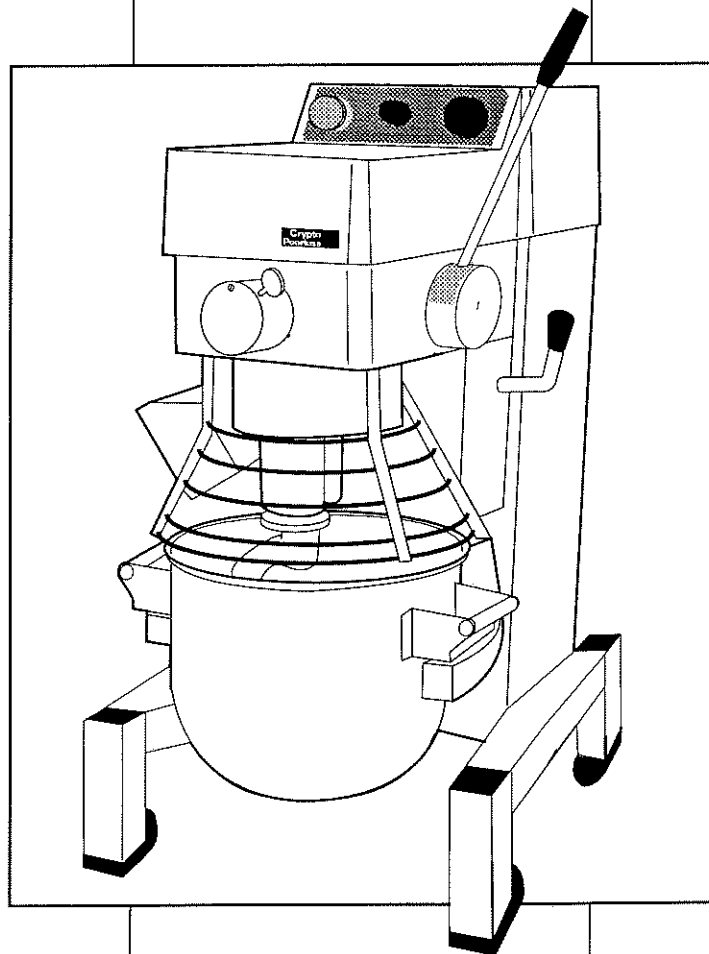


**Crypto
Peerless**

**EM12
EM20
EM30
EUROMIXER**

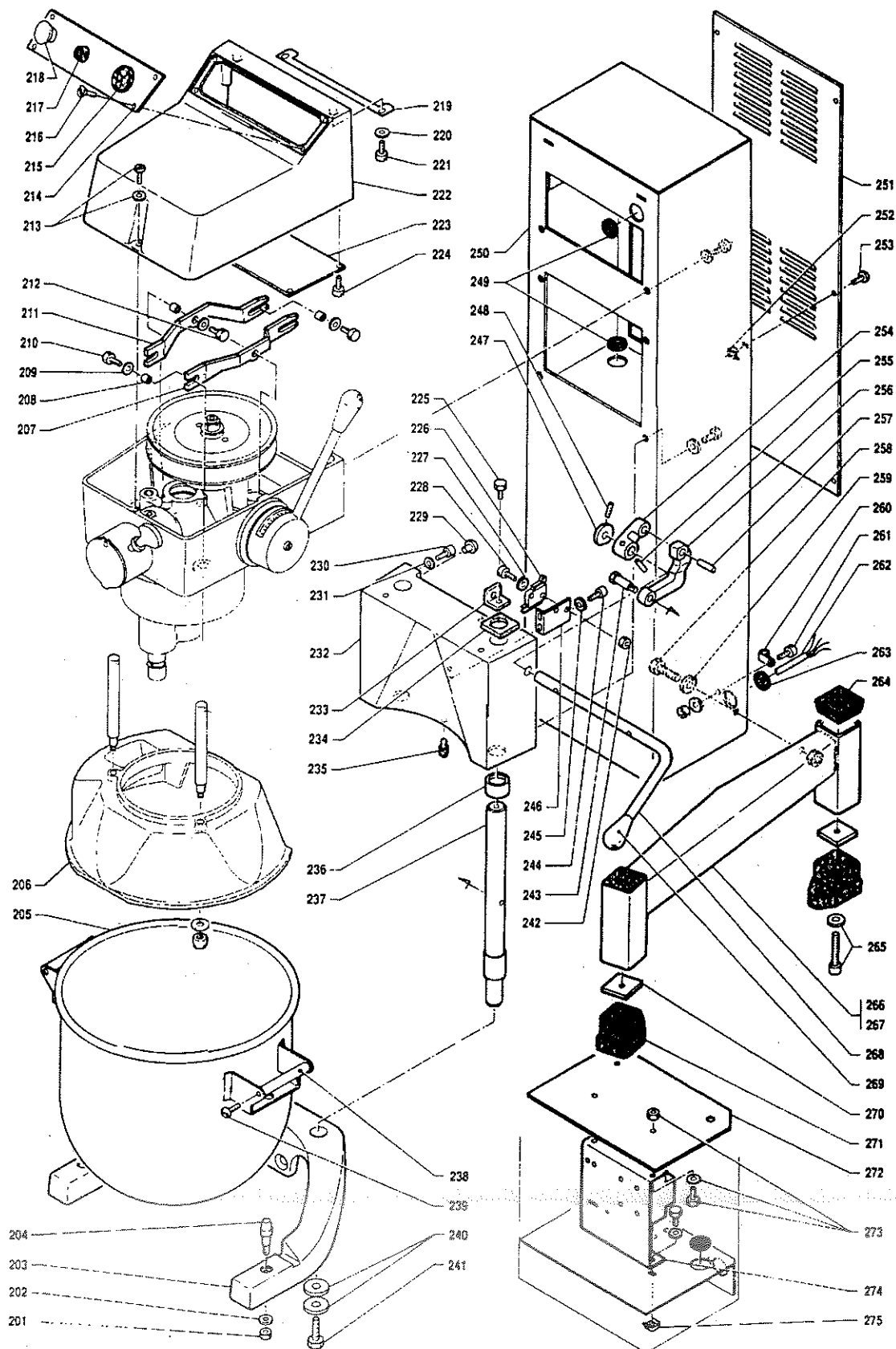


**INSTALLATION
OPERATION
MAINTENANCE
INSTRUCTIONS**



MAIN BODY ASSEMBLY

DSV44901 Issue 1



MAIN BODY ASSEMBLY

DSV44901 Issue 1

Item	Qty	Part No	Description
201	2	DS03654	Nut M8
202	2	DS03786	Contact washer CS Z8
203	1	DS12823	Cradle, bowl EM20
	1	DS12831	Cradle, bowl EM30
204	2	DS06128	Locating pin
205	1	DS06241	Bowl 20 litres capacity
	1	DS10911	Bowl 30 litres capacity
206	1	DS09563	Transparent guard
	2	DS09564	Guide
	2	DS03757	Washer M8
	2	DS03674	Nut nyloc M8
206A	1	DS10887	Wire Type Guard
207	1	DS10886	Link, arm RH
208	6	DS10884	Collar
209	6	DS03757	Washer M8
210	4	DS05093	Screw H M8x20
211	1	DS10885	Link, arm LH
212	6	DS03517	Screw H M8x16
213	1	DS03597	Screw CL M6x12
	1	DS05321	Special washer
214	1	DS10899	Fascia
215	1	*	Timer
	1	DS05188	Knob timer
	1	DS01108	Gasket for timer
	2	DS03569	Screw C M4x6
216	4	DS03558	Screw F M4x12
217	1	*	Start button
218	1	*	Stop button
219	1	DS10441	Spring sheet
220	2	DS05867	Contact washer CS M5
221	2	DS03498	Screw H M5x10
222	1	DS10897	Top cover
223	1	DS10898	Bulkhead
224	1	DS03641	Screw CBZ M4x8
225	2	DS05093	Screw H M8x20
226	1	*	Microswitch
227	2	DS03747	Washer M3
228	2	DS03566	Screw C M3x16
229	2	DS03052	Stop
230	4	DS03611	Screw CHC M8x20
231	4	DS03786	Contact washer CS Z8
232	1	DS10869	Housing, bowl lift
233	2	DS10883	Bracket
234	2	DS10882	Pad
235	2	DS07293	Buffer, threaded M5x10
236	2	DS11388	Bush, plain
237	2	DS11389	Pillar
238	2	DS06176	Handle
239	4	DS03635	Screw RL M6x12
	2	DS03775	Washer W8
240	4	DS10890	Washer LL8
241	2	DS03518	Screw H M8x30
242	2	DS03650	Nut H M3
243	2	DS10874	Pin, pivot
244	2	DS03603	Screw CHC M5x10
245	2	DS03752	Washer M5
246	1	DS10920	Bracket, microswitch
247	1	DS06173	Cam
248	1	DS03492	Screw M6x10
249	2	DS06572	Grommet
250	1	DS12398	Column EM20
	1	DS10900	Column EM30
251	1	DS12399	Panel EM20
	1	DS10902	Panel EM30
252	6	DS06867	Nut, captive M4
253	6	DS03592	Screw CL M4x10
254	2	DS10880	Link, connecting small
255	2	DS03700	Pin, grooved G01 5x30
256	1	DS10878	Link, connecting large LH
	1	DS10876	Link, connecting large RH

Item	Qty	Part No	Description
257	2	DS05086	Pin, grooved G05 10x32
258	4	DS03521	Screw H M10x25 (EM20)
	6	DS03521	Screw H M10x25 (EM30)
259	4	DS05218	Contact washer CS L10 (EM20)
	6	DS05218	Contact washer CS L10 (EM30)
	4	DS03656	Nut H M10 (EM20)
	6	DS03656	Nut H M10 (EM30)
260	1	DS03471	Cable clip
261	1	DS06864	Screw RL M4x12
	1	DS03749	Washer M4
	1	DS03651	Nut M4
262	1	DS03404	Supply cable, 3 phase
	1	DS03405	Supply cable, 1 phase
263	1	DS06572	Grommet
264	4	DS11503	Pipe plug (EM20)
	4	DS12691	Pipe plug (EM30)
265	4	DS03759	Washer L10
	4	DS05117	Screw H M8x50
266	1	DS12727	Leg RH (EM20)
	1	DS12694	Leg RH (EM30)
267	1	DS12726	Leg LH (EM20)
	1	DS12693	Leg LH (EM30)
268	1	DS10881	Bowl lift lever
269	1	DS12867	Knob M14
270	4	DS012710	Nut special (EM20)
	4	DS12695	Nut special (EM30)
271	4	DS12728	Rubber foot (EM20)
	4	DS012692	Rubber foot (EM30)
272	1	DS12063	Removable bulkhead
273	2	DS03504	Screw H M6x10
	2	DS03785	Contact washer CS M6
	2	DS03653	Nut H M6
274	1	DS12070	Mounting bracket
275	2	DS03506	Screw H M6x16
	2	DS03785	Contact washer M6
	2	DS08314	Nut, captive M6

* See electrical diagram

BODY SUB-ASSEMBLIES

DS12386	Complete top cover [items (213 to 224)]
DS12387	Fascia assembly [Items (214 to 218)]

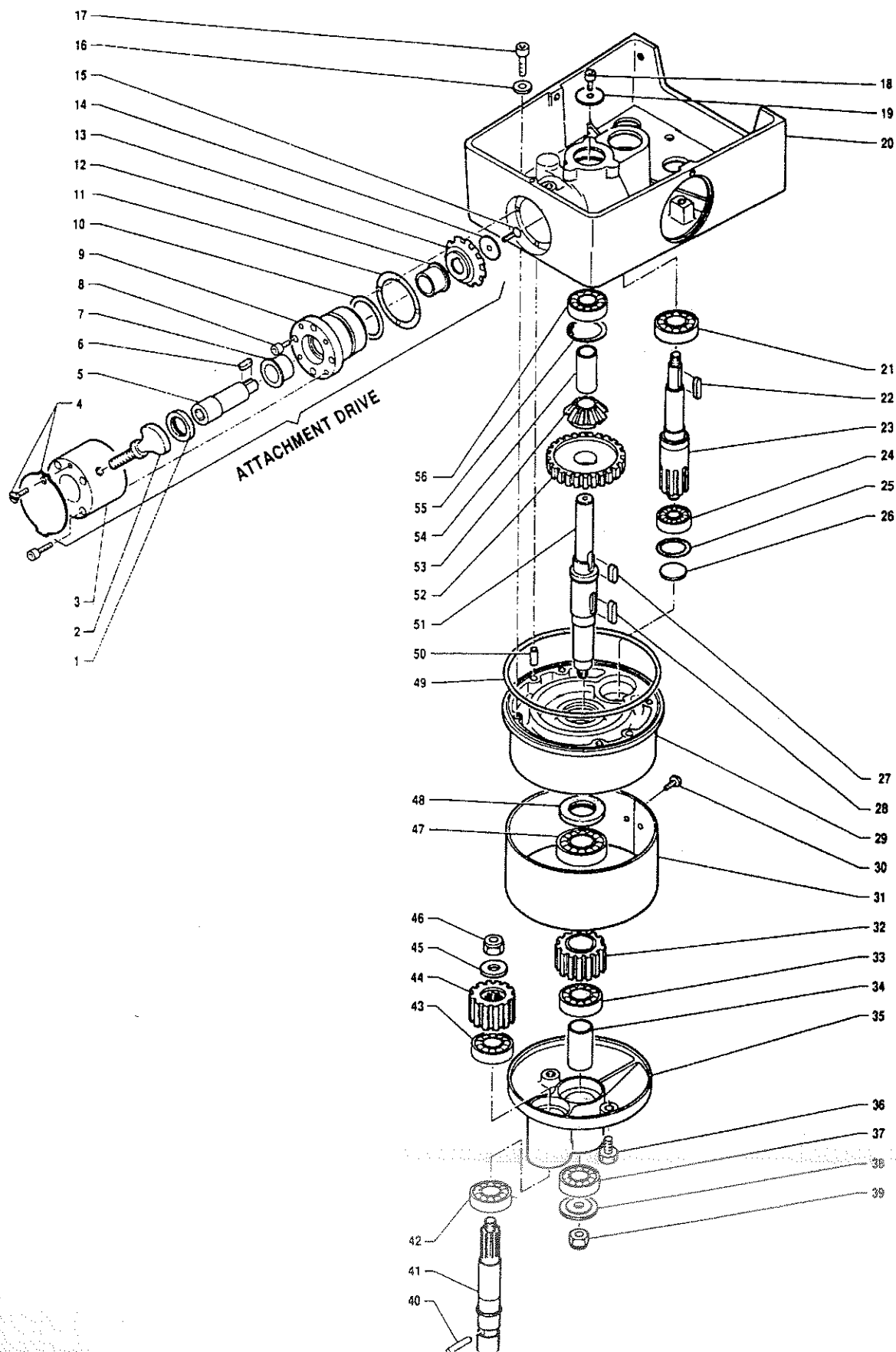
BOWL LIFT SUB-ASSEMBLIES

DS12381	Bowl lift lever with knob Items 225 + 268 + 269]
DS12382	Complete bowl lift assembly [Items 244 + (254 to 257) + 268 + 269]
DS12383	Complete cradle, bowl EM20 [Items (201 to 204) + 240 + 241]
DS12384	Complete cradle, bowl EM30 [Items (201 to 204) + 240 + 241]
DS12385	Bowl lift housing assembly [Items (225 to 237) + (242 + 257) + 268 + 269]

BOWL GUARD SUB-ASSEMBLIES

DS09562	Transparent guard assembly (Item 206)
DS12391	Bracket-microswitch assembly [Items (226 to 228) + 242 + (244 to 246)]
DS12392	Arms assembly [Items (207 to 212)]

PLANETARY ASSEMBLY

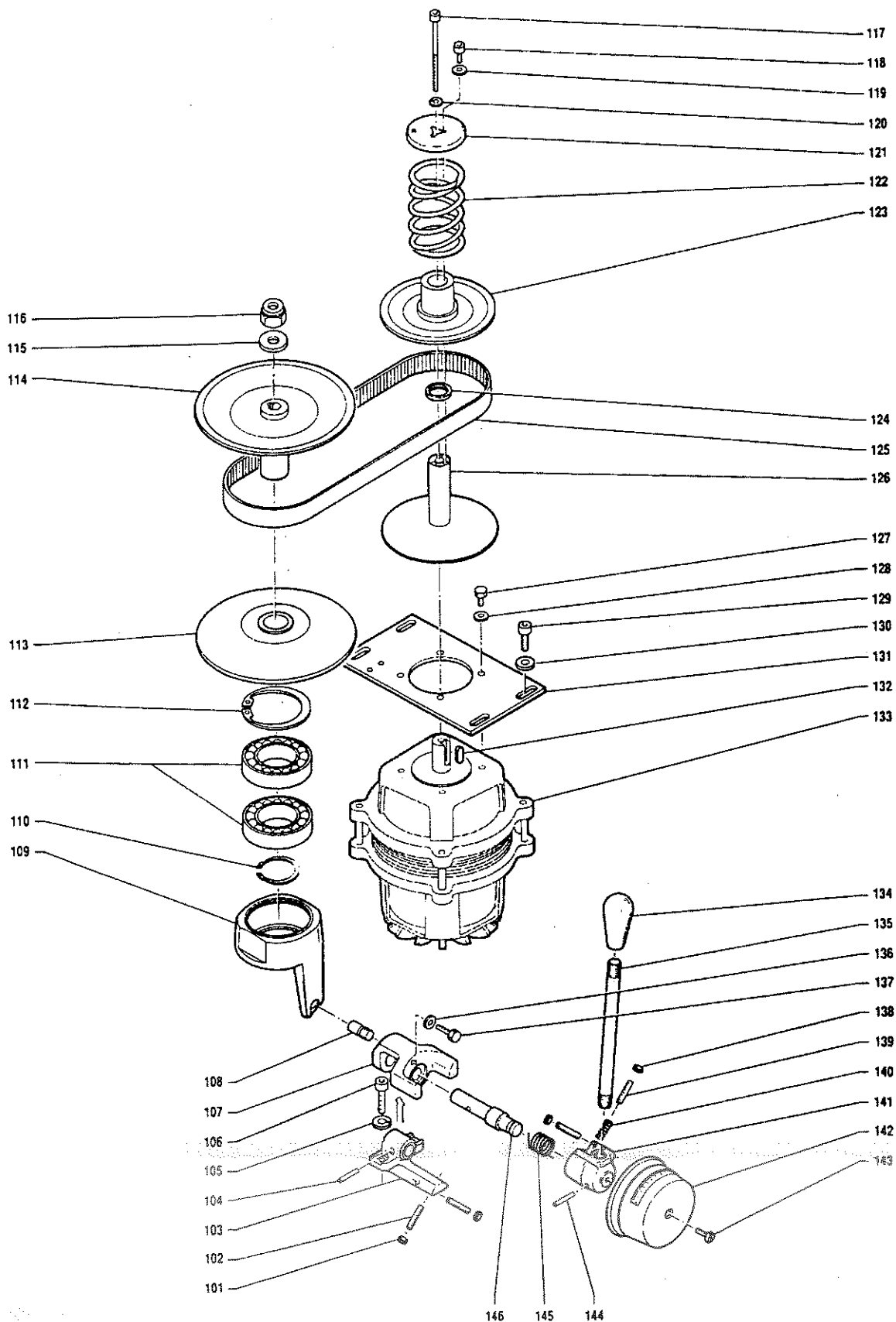


PLANETARY ASSEMBLY

Item	Qty	Part No	Description	SUB-ASSEMBLIES
1	1	DS12959	Oil seal 30x40x7	
2	1	DS04851	Thumbscrew M10x30	DS12370 Drive shaft assembly (items 40 + 41 + 45 + 46)
3	4	DS03608	Screw CHC M6x20	
	1	DS12824	Hub	DS11361 Sun shaft assembly (items 18 + 19 + 27 + 28 + 38 + 39 + 51)
4	1	DS03530	Screw F M4x6	
	1	DS12825	Coverplate	DS11362 Shaft pinion assembly (items 22 + 23 + 115 + 116)
5	1	DS12950	Shaft attachment	
6	1	DS10844	Key A 6x6x20	DS12373 Housing lower assembly, without gear wheel (items 33 to 37) + (40 to 43) + 45 + 46)
7	1	DS12147	Bush flanged	
8	4	DS03351	Screw CHC M5x16	DS11365 Casing crown with screw (items (33 to 37) + (40 to 43) + 45 + 46)
9	1	DS10834	Sheath	DS13375 Head assembly EM20/EM30 (items 16 to 56)
10	1	DS10176	O ring $\varnothing$ 55, 25x2, 62	
11	1	DS10839	Paper gasket	DS12376 Complete attachment drive assembly (items 1 to 15)
12	1	DS12147	Bush flanged	
13	1	DS10838	Bevel gear	
14	1	DS04404	Washer	
15	1	DS03552	Screw FHC M6x16	
16	4	DS10833	Washer special	
17	1	DS06414	Screw CHC M8x75	
	3	DS03611	Screw CHC M8x20	
18	1	DS03607	Screw CHC M6x16	
19	1	DS04404	Washer	
20	1	DS10811	Body	
21	1	DS03043	Bearing 6205	
22	1	DS04032	Key A 5x5x30	
23	1	DS10813	Shaft pinion	
24	1	DS10889	Bearing 6302	
25	1	DS10814	O ring	
26	1	DS10888	Washer 30x2, 5	
27	1	DS03385	Key C 8x7x25	
28	1	DS10823	Key A 8x7x30	
29	1	DS10830	Casing crown	
30	1	DS03633	Screw RL M5x12	
31	1	DS10831	Sleeve	
32	1	DS10822	Gearwheel	
33	1	DS03043	Bearing 6205	
34	1	DS10824	Spacer	
35	1	DS10827	Housing lower	
36	2	DS03520	Screw H M10x16	
37	1	DS03043	Bearing 6204	
38	1	DS06115	Washer special	
39	1	DS03675	Nut, Nyloc M10	
40	1	DS06470	Drive pin G02 8x34	
41	1	DS12393	Drive shaft	
42	1	DS03043	Bearing 6205	
43	1	DS03042	Bearing 6204	
44	1	DS12394	Gearwheel	
45	1	DS03759	Washer L10	
46	1	DS03675	Nut, Nyloc M10	
47	1	DS03044	Bearing 6206	
48	1	DS06737	Oil seal 34x52x8	
49	1	DS10832	O ring	
50	2	DS06756	Dowel pin 8x20	
51	1	DS11355	Sun shaft	
52	1	DS10820	Gear wheel	
53	1	DS10818	Bevel gear	
54	1	DS10816	Spacer	
55	1	DS03075	Circlips, internal dia. 52	
56	1	DS03051	Bearing 6304	

MOTOR & DRIVE ASSEMBLY

DSV44903 Issue 1



MOTOR & DRIVE ASSEMBLY

DSV44903 Issue 1

Item	Qty	Part No	Description
101	2	DS02654	Nut H M6
102	1	DS04358	Stud, M6x20
	1	DS07637	Stud, M6x35
103	1	DS04419	Arm
104	1	DS03702	Grooved pin, G01 6x30
105	2	DS03775	Washer spring M8
106	2	DS03611	Screw CHC M8x20
107	1	DS04417	Hub
108	1	DS10845	Stud
109	1	DS10856	Housing
110	1	DS04869	Circlips, internal dia. 80
111	2	DS04861	Bearing 6010
112	1	DS04868	Circlips, internal dia. 80
113	1	DS10854	Flange, lower driven
114	1	DS10852	Flange, upper driven
115	1	DS03758	Washer M10
116	1	DS03675	Nut, Nyloc M10
117	1	DS10864	Screw CHC M6x60
118	3	DS03351	Screw CHC M5x16
119	3	DS05270	Washer, spring W5
120	1	DS03774	Washer, spring W6
121	1	DS04466	Cap
122	1	DS04432	Spring
123	1	DS10859	Flange, upper motor
124	1	DS03801	Washer
125	1	DS10857	Belt 900W 25
126	1	DS10861	Flange, lower motor
127	4	DS03507	Screw H M6x16
128	4	DS03779	Contact washer CS L6
129	4	DS03611	Screw CHC M8x20
130	4	DS03789	Washer CS Z8

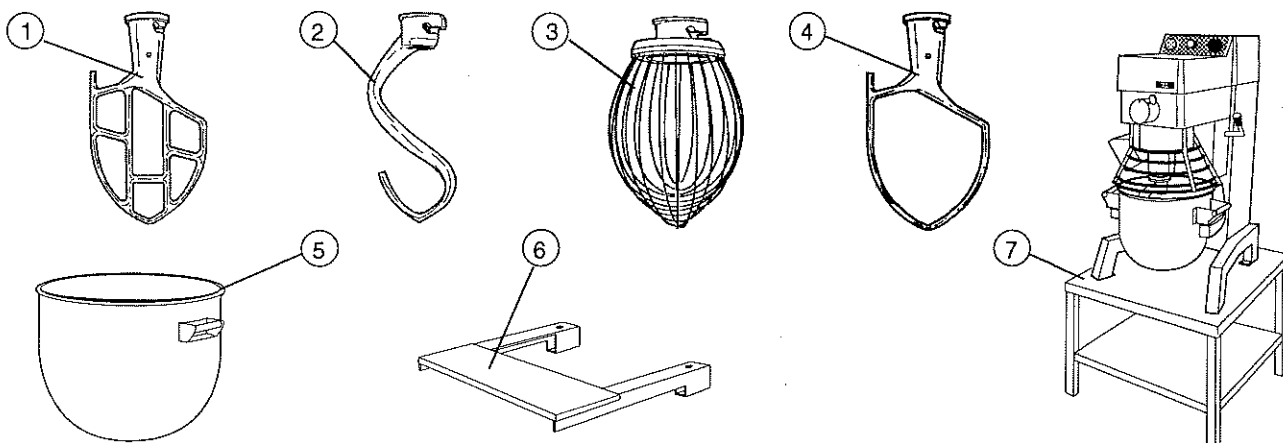
Item	Qty	Part No	Description
131	1	DS10865	Plate motor
132	1	DS10844	Key A 6x6x20
133	1	*	Motor
134	1	DS12867	Knob
135	1	DS04426	Lever
136	1	DS03779	Contact washer CS L6
137	1	DS03505	Screw H M6x12
138	2	DS03653	Nut M6
139	2	DS07637	Stud M6x35
140	1	DS04436	Spring
141	1	DS04425	Speed control lever
142	1	DS04927	Hood
143	1	DS03315	Screw RL M4x8
144	1	DS03700	Grooved pin 5x30
145	1	DS04435	Spring, torsion
146	1	DS04427	Control shaft

* See electrical diagram.

SUB ASSEMBLIES

DS12377	Complete housing	Items (109 to 112)]
DS12378	Flange, lower driven with housing	[Items (109 to 130)]
DS12379	Flanges driven	[Items (109 to 116)]
DS02380	Flanges motor	[Items (117 to 124) + 126]
DS07276	Lever with knob	[Items 134 + 135]
DS07280	Speed lever	[Items (101 to 108) + (134 to 146)]

EQUIPMENT



EM12/20 MODELS

Item	Part No	Description
1	DS06226	Beater for 10 litre Bowl
	DS12782	Beater for 12 litre Bowl
	DS06228	Beater for 20 litre Bowl/Whisk
2	DS06225	Spiral Dough Hook for 10 litre Bowl
	DS12781	Spiral Dough Hook for 12 litre Bowl
	DS06227	Spiral Dough Hook for 20 litre Bowl
3	DS06234	Whisk for 10 litre Bowl
	DS12783	Whisk for 12 litre Bowl
	DS06224	Whisk for 20 litre Bowl
4	DS12773	Pastry Knife for 20 litre bowl
5	DS06237	Bowl - 10 litres capacity
	DS12779	Bowl - 12 litres capacity
	DS06238	Bowl - 20 litres capacity
6	DS12784	Receiving Tray
7	DS34893	Stand - Static
	DS34894	Stand - Mobile

EM30 MODEL

Item	Part No	Description
1	DS10915	Beater for 30 litre Bowl
	DS06228	Beater for 20 litre Bowl
2	DS0912	Spiral Dough Hook for 30 litre Bowl
	DS06227	Spiral Dough Hook for 20 litre Bowl
3	DS10918	Whisk for 30 litre Bowl
	DS06224	Whisk for 20 litre Bowl
4	DS12774	Pastry Knife for 30 litre Bowl
	DS12773	Pastry Knife for 20 litre Bowl
5	DS10802	Bowl - 30 litres capacity
	DS10803	Bowl - 20 litres capacity
6	DS12784	Receiving Tray