



**HVBS-712**

**Metal Bandsaw**

**HVBS-712.... 414559-RU ....~230V, 50Hz**

**HVBS-712....414559-3RU....3~400V, 50Hz**

## **PARTS LIST**



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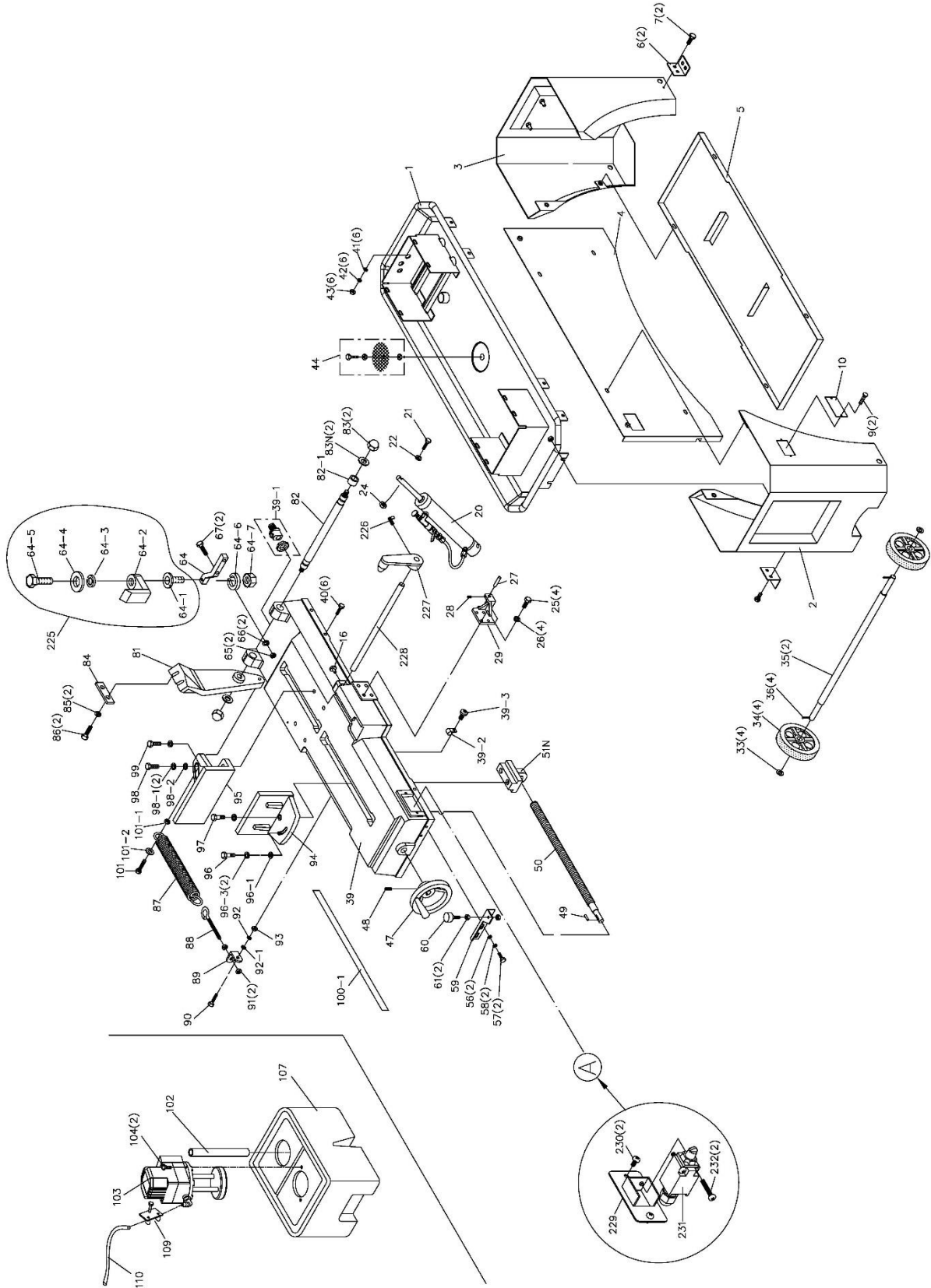
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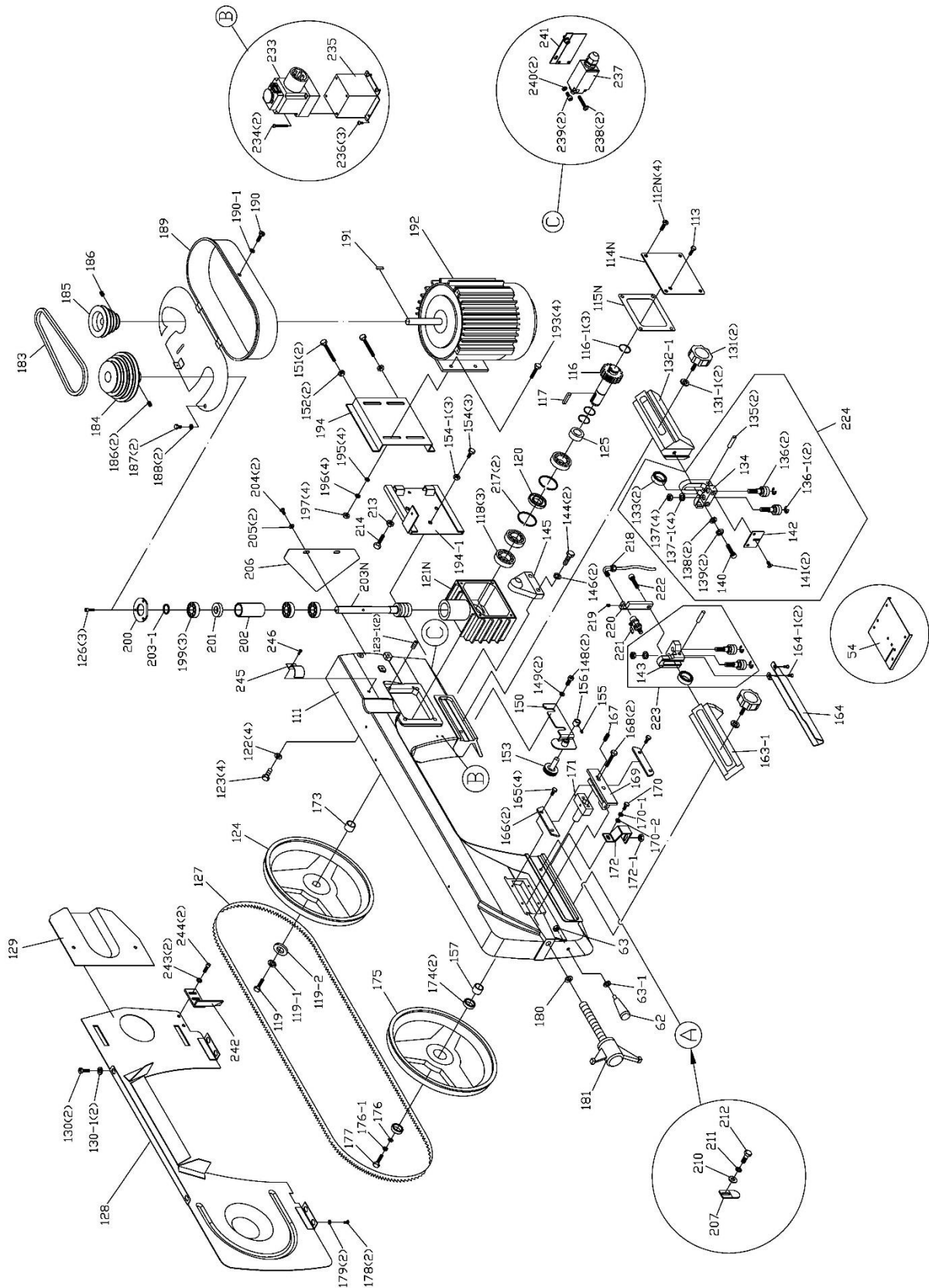
P-414559-RU/3RU

2022-11

# Base Breakdown for HVBS-712



# Bow Breakdown for HVBS-712



## HVBS-712 Bandsaw Part List

Index No.	Part No.	Description	Size	Q'ty
	HVBS712-SA	Stand Assembly (includes #1 thru 5)		1
1	HVBS712-01	Water Tray		1
2	HVBS712-02	Stand - Left		1
3	HVBS712-03	Stand - Right		1
4	HVBS712-04	Front Plate		1
5	HVBS712-05	Pump Support Plate		1
6	HVBS712-06	Shipping Brace (for shipping purposes only)		2
7	TS-0051011E	Hex. Cap Screw	5/16"x1/2"	2
9	HVBS7MW-166E	Round Head Screw	3/16"x3/8"	2
10	HVBS7MW-165E	Cover		1
16	HVBS712-16	Knob	1/4"x1/2"	1
20	HVBS7MW-13N	Cylinder Assembly		1
21	TS-1505061E	Socket Head Cap Screw	M10x40	1
22	TS-1550071E	Flat Washer	M10	1
24	TS-1540071E	Nut	M10	1
25	TS-0208041E	Hex. Cap Screw	5/16"x3/4"	4
26	TS-0720081E	Lock Washer	5/16"	4
27	HVBS712-27	Cylinder Support Shaft		1
28	TS-0267041E	Set Screw	1/4"x3/8"	1
29	HVBS712-29	Lower Cylinder Support		1
33	TS-0680081N	Flat Washer	5/8"	4
34	5518229N	Wheel	8"	4
35	HVBS712-35	Wheel Shaft		2
36	5518231N	Cotter Pin		4
39	HVBS712-39	Bed		1
39-1	HVBS712-39-1	Strain Relief	MG16A-10B	1
39-2	HVBS712-39-2	Wire Grip		1
39-3	HVBS712-39-3	Round Head Screw	3/16"x3/8"	1
40	TS-0051051E	Hex. Cap Screw	5/16 "x1 "	5
41	TS-0680031E	Flat Washer	5/16"	6
42	TS-0720081E	Lock Washer	5/16"	6
43	TS-0561021E	Nut	5/16"	6
44	HVBS7MW-29	Filter Assembly		1
47	HVBS712-47	Handwheel		1
48	TS-0270031E	Set Screw	5/16"x3/8"	1
49	HVBS712-49	Round Key	5x20	1
50	HVBS712-50	Lead Screw		1
51N	HVBS7MW-35	Nut Seat		1
54	HVBS712-54	Table Plate		1
56	TS-0680031E	Flat Washer	5/16"	2
57	TS-0051031E	Hex. Cap Screw	5/16"x5/8"	2
58	TS-0720081E	Lock Washer	5/16"	2
59	HVBS7MW-37	Support Plate		1
60	HVBS7MW-38	Stop Screw		1
61	TS-0561021E	Nut	5/16"	2
62	HVBS712-62	Plastic Knob	M12	1
63	TS-1540081E	Nut	M12	1
63-1	TS-2360121E	Flat Washer	M12	2
64	HVBS7MW-41	90 Degree Support		1

Index No.	Part No.	Description	Size	Q'ty
64-1	HVBS7MW-151	Support Screw		1
64-2	HVBS7MW-152	Bracket		1
64-3	HVBS7MW-153	Spring		1
64-4	HVBS7MW-154	Spring Cap		1
64-5	HVBS7MW-155	Socket Head Cap Screw	3/16"x1/2"	1
64-6	TS-0720091E	Lock Washer	3/8"	1
64-7	TS-0561031E	Hex. Nut	3/8"	1
65	TS-0561031E	Hex. Nut	3/8"	2
66	TS-0720091E	Lock Washer	3/8"	2
67	TS-0060071E	Hex. Cap Screw	3/8"x1-1/2"	2
81	HVBS712-81	Pivot Arm		1
82	HVBS712-82	Support Shaft	Ø22	1
82-1	HVBS712-82-1	Spacer		1
83	HVBS712-83	Locking Nut	1/2"	2
83N	TS-0680061E	Flat Washer	1/2"	2
84	HVBS7MW-60	Arm Support Plate		1
85	TS-0720091E	Lock Washer	3/8"	2
86	TS-0060071E	Hex. Cap Screw	3/8"x1-1/2"	2
87	HVBS712-87	Extension Spring		1
88	HVBS7MW-54	Spring Adjusting Rod		1
89	HVBS712-89	Spring Bracket		1
90	TS-0051051E	Hex. Cap Screw	5/16"x1"	2
91	TS-0561031E	Nut	3/8"	1
92	TS-0720081E	Lock Washer	5/16"	1
92-1	TS-0680031E	Flat Washer	5/16"	1
93	TS-0561021E	Hex. Nut	5/16"	1
94	HVBS712-94	Vise Jaw - Left		1
95	HVBS7MW-58	Vise Jaw - Right		1
96	TS-0060071E	Hex. Cap Screw	3/8"x1-1/2"	1
96-1	TS-0680041E	Flat Washer	3/8"	1
96-3	TS-0720091E	Lock Washer	3/8"	2
97	TS-0209061E	Hex Cap Screw	3/8"x1-1/4"	1
98	TS-0070031E	Hex. Cap Screw	1/2"x1-1/2"	1
98-1	TS-0720111E	Lock Washer	1/2"	2
98-2	TS-0680061E	Flat Washer	1/2"	1
99	TS-0100041E	Hex. Cap Screw	1/2"x1-1/4"	1
100-1	HVBS712-100-1	Scale		1
101	TS-0209081E	Socket Head Cap Screw	3/8"x1-3/4"	1
101-1	TS-0561031E	Nut	3/8"	1
101-2	TS-0680041E	Flat Washer	3/8"	1
102	HVBS712-102W	Hose	1"	1
103	HVBS712K-63E	Coolant Pump	230V/1Ph/50Hz	1
	HVBS712K-63AE	Coolant Pump	400V/3Ph/50Hz	1
104	TS-0050031E	Hex. Cap Screw	1/4"x3/4"	2
107	HVBS712-107N	Coolant Tank		1
109	HVBS7MW-68	Hose Clamp	13mm	1
110	HVBS712-110W	Hose	5/16"	1
111	HVBS712-111W	Bow		1
112N	HVBS7MW-160	Hex Cross Head Bolt W/ Lock Washer	1/4" x 1/2"	4
113	HVBS7MW-71	Vent Plug		1
114N	HVBS7MW-72G	Gear Box Cover		1
115N	HVBS7MW-73	Gear Box Gasket		1

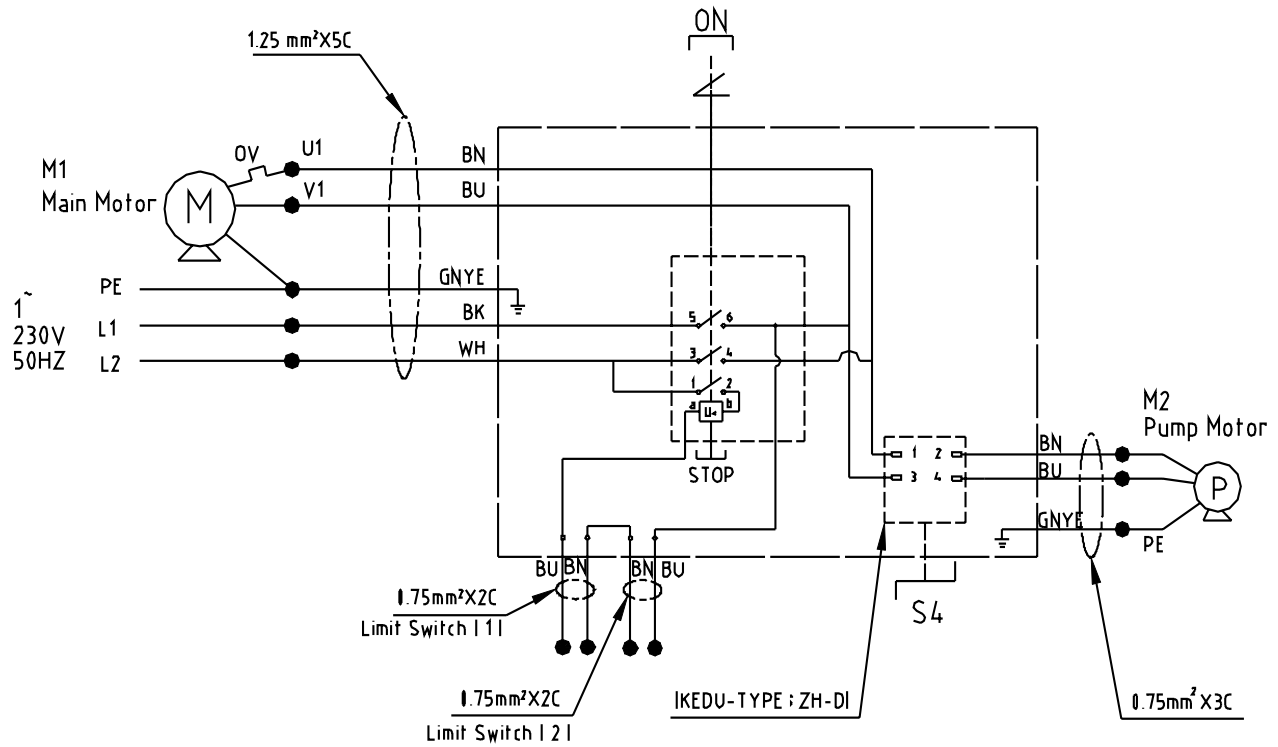
Index No.	Part No.	Description	Size	Q'ty
116	HVBS712-116N	Worm Gear		1
116-1	HBS916W-49	C-Ring	S25	3
117	HVBS7MW-142	Key	6x6x20	1
118	BB-6005Z	Ball Bearing	6005	3
119	F006229E	Hex Cap Screw	3/8"-16 x 7/8"	1
119-1	TS-0720091E	Lock Washer	3/8"	1
119-2	HVBS7MW-145	Flat Washer	3/8"x35x4	1
120	HVBS7MW-78	Oil Seal	25. 47. 7	1
121N	HVBS7MW-79G	Gear Box		1
122	TS-0720081E	Lock Washer	5/16"	4
123	TS-0081051	Hex. Cap Screw	5/16"x1-1/4"	4
123-1	TS-0207072E	Socket Cap Screw	1/4x1/4"	2
124	HVBS7MW-80N	Blade Drive Wheel		1
125	HVBS7MW-81	Worm Bushing		1
126	TS-0206021E	Socket Head Cap Screw	3/16"x3/8"	3
127	HVBS7MW-82	Bi-Metal Blade	19x0.9x2362mm 5/8T	1
128	HVBS712-128W	Rear Guard		1
129	HVBS7MW-83	Wheel Cover		1
130	HVBS7MW-160	Hex Cross Head Bolt W/ Lock Washer	1/4" x 1/2"	2
130-1	TS-0680021E	Flat Washer	1/4"	2
131	HVBS7MW-86	Lock Knob		2
131-1	TS-0680041E	Flat Washer	3/8"	2
132-1	HVBS7MW-87	Adjustable Bracket - Right		1
133	BB-608ZZ	Ball Bearing	608ZZ	2
134	HVBS712-134W	Adjustable Blade Seat - Right		1
135	HVBS7MW-90	Bearing Pin		2
136	HVBS7MW-91	Eccentric Shaft Assembly (outside)		2
136-1	HVBS7MW-91A	Center Shaft Assembly (inside)		2
137	TS-0561031E	Hex. Nut	3/8"x24UNF	4
137-1	TS-0720091E	Lock Washer	3/8"	4
138	TS-0680031E	Flat Washer	5/16"	2
139	TS-0720081E	Lock Washer	5/16"	2
140	HVBS712-140W	Hex. Socket Cap Screw	5/16"x1-1/8"	1
141	HVBS712-141W	Flat Pan Head Screw	1/4"x3/8"	2
142	HVBS7MW-94	Vertical Cutting Plate		1
143	HVBS712-143W	Adjustable Blade Seat - Left		1
144	TS-0209032E	Hex. Cap Screw	3/8"x3/4"	2
145	HVBS712-145N	Upper Cylinder Support		1
146	TS-0720091E	Lock Washer	3/8"	2
148	TS-0813032E	Round Head Screw	1/4"x1/2"	2
149	TS-0680021E	Flat Washer	1/4"	2
150	HVBS712-150N	Brush Holder		1
151	TS-0051071E	Hex. Cap Screw	5/16"x1-1/2"	2
152	TS-0561021E	Nut	5/16"	2
153	HVBS7MW-100	Wire Brush		1
154	TS-0051021E	Hex. Cap Screw	5/16"x5/8"	3
154-1	TS-0720081E	Lock Washer	5/16"	3
155	TS-0267021E	Set Screw	1/4"	1
156	HVBS7MW-109	Brush Support		1
157	HVBS712-157W	Bearing Bushing - Left		1
163-1	HVBS712-163-1	Adjustable Bracket - Left		1
164	HVBS712-164W	Blade Guard		1

Index No.	Part No.	Description	Size	Q'ty
164-1	...HVBS712-164-1	Round Head Screw	3/16"x1/4 "	2
165	.....TS-0050011E	Hex. Cap Screw	1/4"x1/2"	4
166	.....HVBS7MW-111	Guide Plate		2
167	.....TS-0270071E	Set Screw	5/16" x3/4"	1
168	.....TS-0051071E	Hex. Cap Screw	5/16"x1-1/2"	2
169	.....HVBS7MW-114	Blade Tension Block		1
170	.....TS-0050011E	Hex. Cap Screw	1/4"x1/2"	1
170-1	...TS-0720071E	Lock Washer	1/4"	1
170-2	...TS-0680021E	Flat Washer	1/4"	1
171	.....HVBS712-171	Sliding Draw Block		1
172	.....HVBS7MW-164	Fix Bracket (for shipping purposes only)		1
172-1	...TS-0561021E	Nut	5/16"	1
173	.....HVBS712-173W	Bearing Bushing - Right		1
174	.....BB-6203ZZ	Ball Bearing	6203ZZ	2
175	.....HVBS7MW-119	Blade Idler Wheel		1
176	.....TS-0680031E	Flat Washer	5/16"	1
176-1	...TS-0720081E	Lock Washer	5/16"	1
177	.....TS-0081031E	Hex. Cap Screw	5/16"x3/4"	1
178	.....TS-081F031E	Round Head Screw	1/4"x1/2"	2
179	.....TS-0680021E	Flat Washer	1/4"	2
180	.....TS-0680041E	Flat Washer	3/8"	1
181	.....HVBS712-181W	Blade Tension Handle		1
183	.....VB-3V270	V-Belt	3V270	1
184	.....HVBS7MW-123	Worm Pulley		1
185	.....HVBS7MW-124	Motor Pulley		1
186	.....TS-0270031E	Set Screw	5/16"x3/8"	3
187	.....TS-0050011E	Hex. Cap Screw	1/4"x1/2"	2
188	.....TS-0680021E	Flat Washer	1/4"	2
189	.....HVBS7MW-126	Pulley Cover		1
190	.....HVBS7MW-160	Hex Cross Head Bolt W/ Lock Washer	1/4"x1/2"	1
190-1	...TS-0680021E	Flat Washer	1/4"	1
191	.....HVBS7MW-141	Key	5x5x20	1
192	.....HVBS712K-129E	Motor	230V/1Ph/50Hz	1
	.....HVBS712K-129AE	Motor	400V/3Ph/50Hz	1
	.....HVBS712K-129A	Motor Fan (not shown)		1
	.....HVBS712K-129B	Motor Fan Cover (not shown)		1
	.....HVBS712K-129C	Motor Centrifugal Switch (not show)	230V/1Ph/50Hz	1
	.....HVBS712K-129D	Condenser (not shown)	230V/1Ph/50Hz	1
193	.....TS-0081051E	Hex. Cap Screw	5/16"x1"	4
194	.....HVBS7MW-130G	Motor Mount Plate (Upper)		1
194-1	...HVBS7MW-138G	Motor Support Plate (Bottom)		1
195	.....TS-0680031E	Flat Washer	5/16"	4
196	.....TS-0720081E	Lock Washer	5/16"	4
197	.....TS-0561021E	Hex. Nut	5/16"	4
199	.....BB-6003Z	Ball Bearing	6003	3
200	.....HVBS7MW-162	Block Plate		1
201	.....HVBS7MW-134	Oil Seal	17.35.7	1
202	.....HVBS7MW-135	Bearing Bushing		1
203N	...HVBS712-203N	Worm Shaft		1
203-1	...HVBS7MW-131	C-Ring	S17	1
204	.....HVBS7MW-204	Hex. Cap Screw	1/4"x3/8"	2
205	.....TS-0680021E	Flat Washer	1/4"	2

Index No.	Part No.	Description	Size	Q'ty
206	HVBS7MW-137	Rubber Flap		1
207	HVBS7MW-116	Switch Cut-Off Bracket		1
210	TS-0680021E	Flat Washer	1/4"	1
211	TS-0720071E	Lock Washer	1/4"	1
212	TS-0050011E	Hex. Cap Screw	1/4"x1/2"	1
213	TS-0561021E	Hex. Nut	5/16"	1
214	TS-0051071E	Hex Cap Screw	5/16"x1-1/2"	1
217	HVBS7MW-77	C-Ring	R47	2
218	HVBS7MW-101	Nozzle Cock		1
219	TS-0267021E	Set Screw	1/4"x1/4"	1
220	HVBS712-103-1	Nozzle Cock Support		1
221	HVBS7MW-104	Valve		1
222	HVBS710S-166	Hex. Socket Cap Screw	5/16"x1-1/8"	1
223	HVBS712-218W	Left Blade Guide Assembly		1
224	HVBS712-219W	Right Blade Guide Assembly		1
225	HVBS7MW-152A	Arm Stop Assembly CP (incl. #64-1 thru 64-5)		1
226	HVBS7MW-44	Thumb Screw		1
227	HVBS7MW-45	Stop Block		1
228	HVBS7MW-46	Stop Rod		1
229	HVBS7MW-161E	Limit Switch Seat		1
230	HVBS7MW-162E	Round Head Screw	3/16"x3/8"	2
231	HVBS7MW-163E	Cut Off Limit Switch (LS1)		1
232	HVBS7MW-164E	Round Head Screw	3/16"x1"	2
233	HVBS712K-170E	Magnetic Switch (S)	1 Ph	1
	HVBS712K-170AE	Magnetic Switch (S)	3Ph	1
	HVBS712K-MR-1	Magnetic Relay (not show)	1PH 230V	1
	HVBS712K-MR-3	Magnetic Relay (not show)	3PH 400V	1
	HVBS712K-CPS	Coolant Pump Switch (not show)		1
234	HVBS7MW-171E	Round Head Screw	3/16"x45	1
235	HVBS7MW-173E	Support Plate		1
236	HVBS7MW-172E	Round Head Screw	3/16"x3/8"	3
237	HVBS7MW-180E	Wheel Cover Limit Switch		1
238	HVBS7MW-181E	Round Head Screw	3/16"x1"	2
239	HVBS7MW-182E	Hex. Socket Cap Screw	3/16"x3/8"	2
240	HVBS7MW-183E	Spring Washer	3/16"	2
241	HVBS7MW-184E	Limit Switch Bracket		1
242	HVBS712-242	Limit Switch Stop Plate		1
243	HVBS712-243	Lock Washer	3/16"	2
244	HVBS712-244	Hex. Socket Cap Screw	3/16"x3/8"	2
245	HVBS712-245	Cover		1
246	HVBS712-246	Round Head Screw	1/4"x1/2"	1
	JET-113	JET Logo with 3M Adhesive (not shown)	113 x 47mm	1
	HVBS712K-26E	Power Cord (not shown)	3Gx1.5MM <sup>2</sup>	1
	HVBS712K-26AE	Power Cord (not shown)	4Gx1.0MM <sup>2</sup>	1



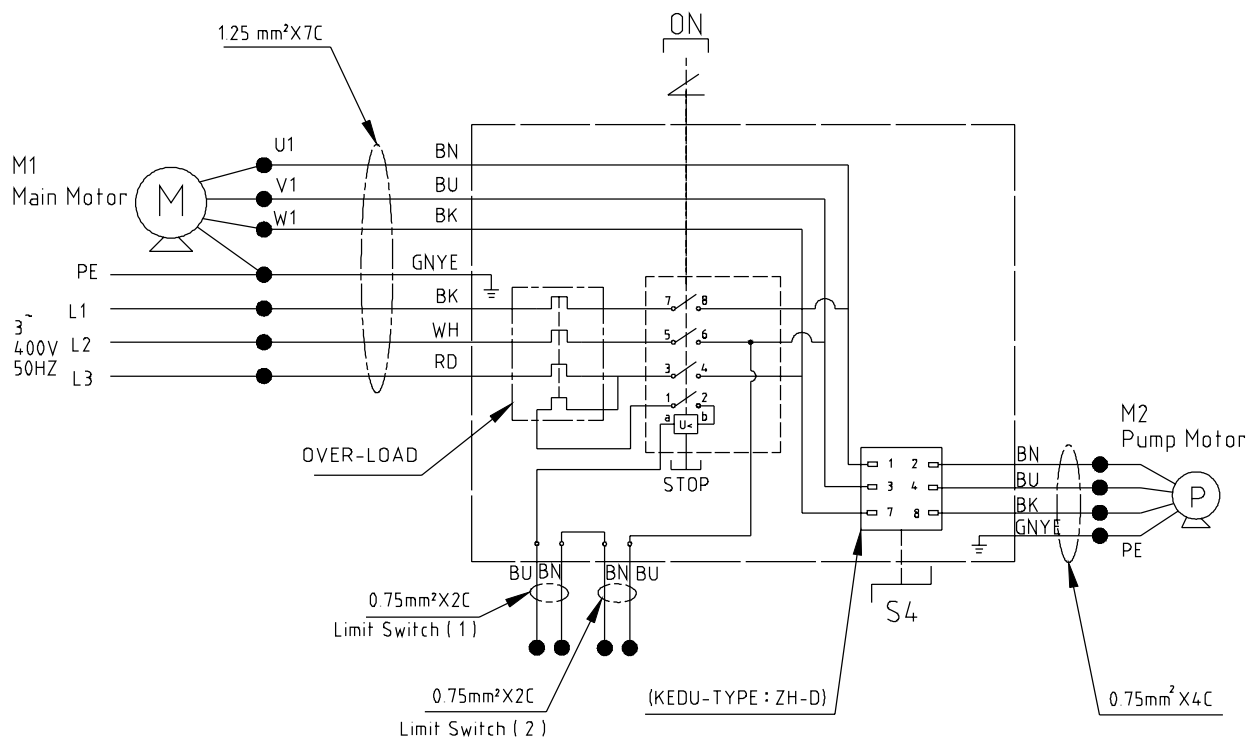
# HVBS-712 ...414559-RU.... ~230V, 50Hz



	colour of strands	Litzenfarben	couleur des cordons
BK	black	schwarz	noir
WH	white	weiß	blanc
BU	blue	blau	bleu
YE	yellow	gelb	jaune
RD	red	rot	rouge
BN	brown	braun	brun
GY	grey	grau	gris
GNYE	green-yellow	grün-gelb	vert-jaune
OG	orange	orange	orange
VT	violet	violett	violet

	meaning of symbol	Bedeutung der Zeichen	interprétation
M1	motor	Motor	moteur
M2	Coolant pump	Kühlmittelpumpe	Pompe de liquide réfrigérant
S	switch	Schalter	interrupteur
S4	Pump switch	Kühlmittelpumpe Schalter	Commutateur de pompe
LS2	limit switch	Positionsendschalter	micro
LS1	cut- off limit switch	positionsendschalter	micro

# HVBS-712 ...414559-3RU.... 3~400V, 50Hz



	colour of strands	Litzenfarben	couleur des cordons
BK	black	schwarz	noir
WH	white	weiß	blanc
BU	blue	blau	bleu
YE	yellow	gelb	jaune
RD	red	rot	rouge
BN	brown	braun	brun
GY	grey	grau	gris
GNYE	green-yellow	grün-gelb	vert-jaune
OG	orange	orange	orange
VT	violet	violett	violet

	meaning of symbol	Bedeutung der Zeichen	interprétation
M1	motor	Motor	moteur
M2	Coolant pump	Kühlmittelpumpe	Pompe de liquide réfrigérant
S	switch	Schalter	interrupteur
S4	Pump switch	Kühlmittelpumpe Schalter	Commutateur de pompe
LS2	limit switch	Positionsendschalter	micro
LS1	cut- off limit switch	positionsendschalter	micro