



PARTS MANUAL

Metal Working



SEMI-AUTOMATIC HORIZONTAL BAND SAW MODEL: BS-330SA

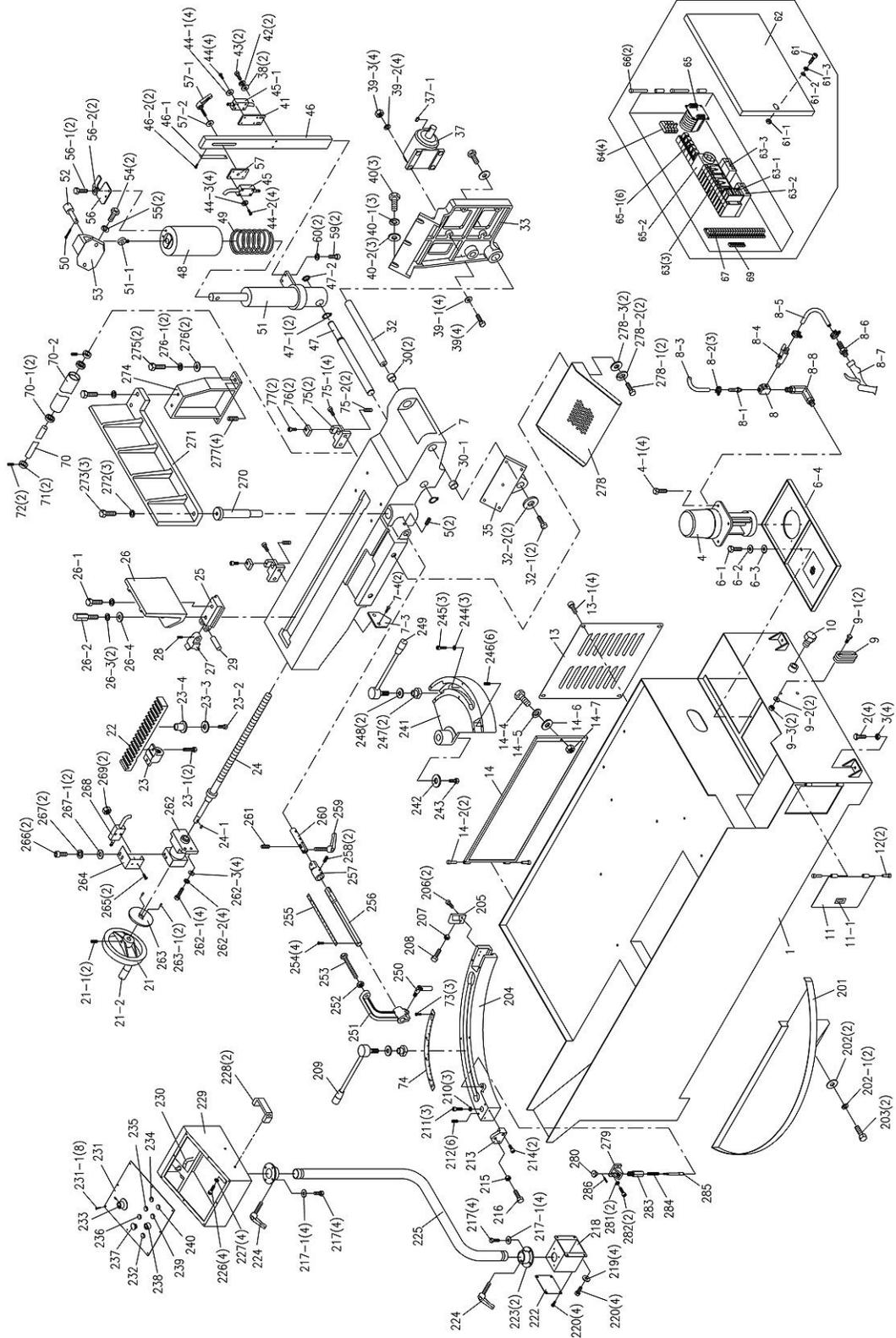
Baileigh Industrial Holdings LLC
P.O. Box 531
Manitowoc, WI 54221-0531
Phone: 920.684.4990
Fax: 920.684.3944
sales@baileigh.com

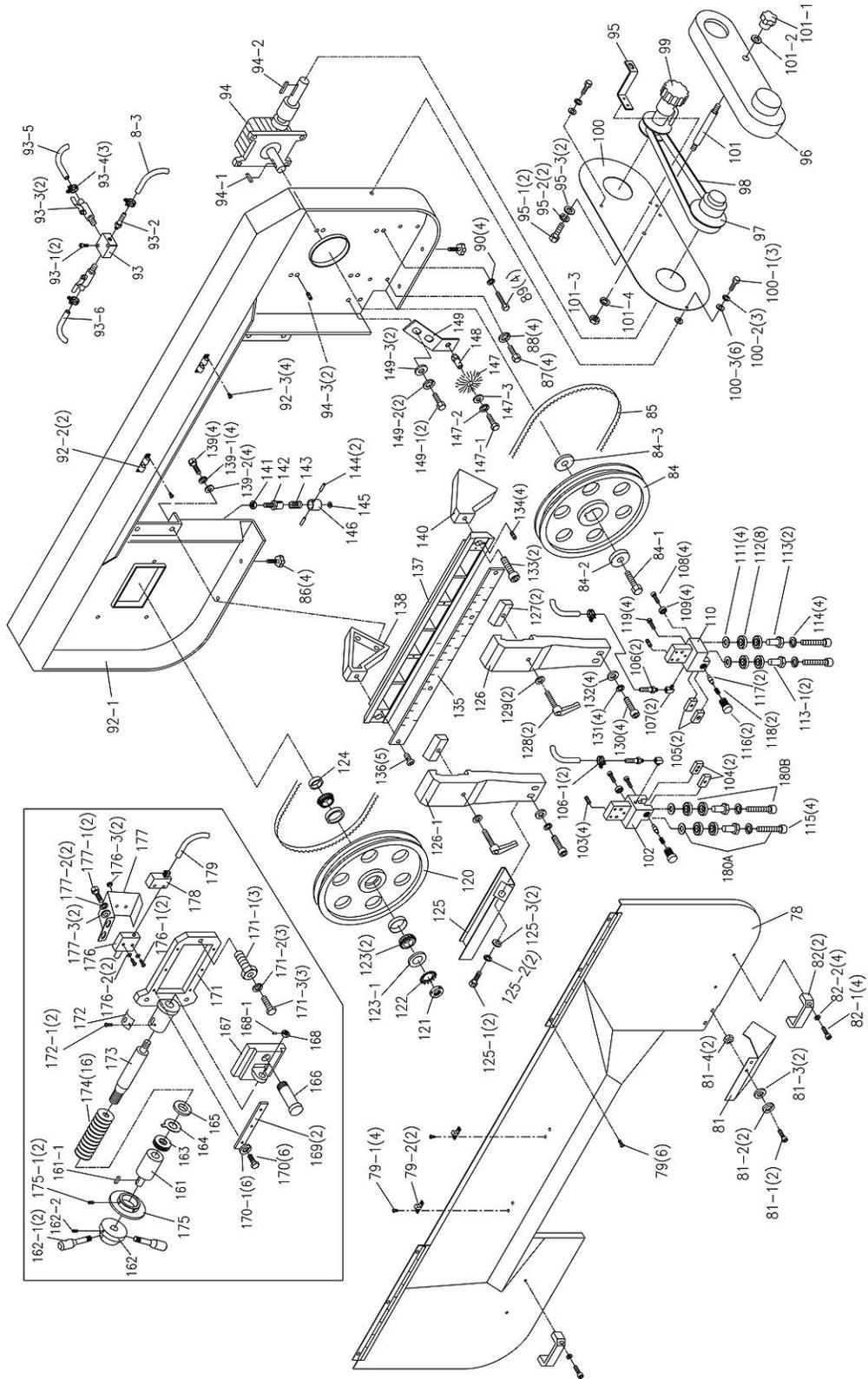
Book 2 of 2

REPRODUCTION OF THIS MANUAL IN ANY FORM WITHOUT WRITTEN APPROVAL OF BAILEIGH INDUSTRIAL HOLDINGS LLC IS PROHIBITED. Baileigh Industrial Holdings LLC, Inc. does not assume and hereby disclaims any liability for any damage or loss caused by an omission or error in this Operator's Manual, resulting from accident, negligence, or other occurrence.



PARTS DIAGRAM







Parts List

Item	Description	Size No.	Q'ty
1	Base		1
2	Hex. Cap Bolt	M12x80	4
3	Nut	M12	4
4	Coolant Pump		1
4-1	Round Head Screw	M6x16	4
5	Set Screw	M8x10	2
6-1	Round Head Screw	M6x12	1
6-2	Spring Washer	M6	1
6-3	Washer	M6x13	1
6-4	Coolant Tank Cover		1
7	Bed		1
7-3	Indicator		1
7-4	Hex. Socket Cap Screw	M5x8	2
8	Connector		1
8-1	Hose Fitting	3/8"x3/8"	1
8-2	Hose Clamp	15mm	3
8-3	Hose	3/8"x1500	1
8-4	On/Off Valve		1
8-5	Hose	3/8"x2800	1
8-6	Hose Fitting		1
8-7	Water Gun		1
8-8	Connector		1
9	Coolant Gauge		1
9-1	Pan Head Screw	M10x30	2
9-2	Washer	M10	2
9-3	Nut	M10	2
10	Drain Plug	3/8	1
11	Plate		1
11-1	Cover Lock		1
12	Hinge Pin		2
13	Plate		1
13-1	Hex. Socket Cap Screw	M6x8	4
14	Electrical Box Door		1



Item	Description	Size No.	Q'ty
14-2	Hinge Pin		2
14-4	Round Head Screw	M6x30	1
14-5	Spring Washer	M6	1
14-6	Washer	M6x13	1
14-7	Nut	M6	1
21	Hand Wheel		1
21-1	Set Screw	5/16"x3/8	1
22	Rack		1
23	Lead Screw Seat		1
23-1	Hex. Socket Cap Screw	M8x20	2
23-2	Hex. Socket Cap Screw	M8x25	1
23-3	Spring Washer	M8	1
23-4	Bushing		1
24	Lead Screw		1
24-1	Key	6x6x25	1
25	Slide Bracket		1
26	Vise Jaw-Left		1
26-1	Hex. Cap Bolt	M12x40	1
26-2	Locking Bolt	M12x45	1
26-3	Spring Washer	M12	2
26-4	Washer	M12x35x5W	1
27	Rack Block		1
28	Set Screw	M6x8	1
29	Pin		1
30	Bearing	3020	2
30-1	Spacer		1
32	Pivot Shaft		1
32-1	Hex. Cap Bolt	M12x20	2
32-2	Washer	M12	2
33	Pivot Bracket		1
35	Supporting Seat		1
37	Motor		1
37-1	Key	8x7x50	1
38	Flat Washer	M6x13	2
39	Hex. Cap Bolt	M10x50	4



Item	Description	Size No.	Q'ty
39-1	Flat Washer	M10	4
39-2	Spring Washer	M10	4
39-3	Nut	M10	4
40	Hex. Cap Bolt	M12x50	3
40-1	Spring Washer	M12	3
40-2	Washer	M12	3
41	Switch Mounting Plate		1
42	Spring Washer	M6	2
43	Hex. Cap Bolt	M6x20	2
44	Round Head Screw	5/32x1-1/2"	4
44-1	Spring Washer	M5	4
44-2	Round Head Screw	5/32x1-1/4"	4
44-3	Flat Washer	5/32	4
45	Limit Switch	5101	1
45-1	Roller Limit Switch	5102	1
46	Adjusting Bracket		1
46-1	Scale		1
46-2	Rivet	2.3x4	2
47	Cylinder Supporting Rod		1
47-1	C-Ring	S32	2
47-2	C-Ring	S28	1
48	Cylinder Cover		1
49	Spring		1
50	Pin		1
51	Cylinder Assembly		1
51-1	Holder		1
52	Lock Pin		1
53	Top Mounting Plate		1
54	Hex. Cap Bolt	M12x35	2
55	Spring Washer	M12	2
56	Plate		1
56-1	Hex. Cap Bolt	M6x12	2
56-2	Spring Washer	M6	2
57	Switch Mounting Plate		1
57-1	Handle	M10x30	1



Item	Description	Size No.	Q'ty
57-2	Flat Washer	M10x27	1
59	Hex. Socket Cap Screw	M8x25	2
60	Spring Washer	M8	2
61	Hex. Socket Cap Screw	M6x30	1
61-1	Nut	M6	1
61-2	Flat Washer	M6	3
61-3	Spring Washer	M6	1
62	Electric Cabinet Box		1
63	Contacto		3
63-1	Sub-Connector		1
63-2	Overload Relay (main motor)		1
63-3	Overload Relay (oil pump)		1
64	Fuse		4
65	Transformer		1
65-1	Relay		6
65-2	Timer		1
66	Pin		2
67	Terminal Strip		1
69	Grounding Plate		1
70	Rod		1
70-1	Ball Bearing	6004ZZ	2
70-2	Feeding Roller		1
71	Bushing		2
72	Set Screw	M6x8	2
73	Rivet	2.3x4	3
74	Scale		1
75	Roller Bracket		2
75-1	Hex. Socket Cap Screw	M8x25	4
75-2	Set Screw	M10x12	2
76	Plate		2
77	Hex. Socket Cap Screw	M6x16	2
78	Blade Wheel Cover		1
79	Round Head Screw	M6x12	6
79-1	Flat Head Screw	3/16x1/4	4
79-2	Lock Pin		2



Item	Description	Size No.	Q'ty
79-3	Spring Washer	M6	6
79-4	Flat Washer	M6	6
81	Brush Cover		1
81-1	Hex. Cap Bolt	M6x12	2
81-2	Spring Washer	M6	2
81-3	Flat Washer	M6	2
81-4	Nut	M6	2
82	Handle		2
82-1	Round Head Screw	M6x16	4
84	Drive Wheel		1
84-1	Hex. Cap Bolt	M12x20	1
84-2	Washer	M12	1
84-3	Bushing		1
85	Saw Blade		1
86	Knob	1/4x10	4
87	Hex. Cap Bolt	M10x30	4
88	Spring Washer	M10	4
89	Hex. Cap Bolt	M12x35	4
90	Spring Washer	M12	4
92-1	Saw Arm		1
92-2	Lock Seat		2
92-3	Round Head Screw	3/16x1/4	4
93	Connector		1
93-1	Hex. Socket Cap Screw	M6x25	2
93-2	Hose Fitting	1/4x3/8	1
93-3	On/Off Valve	1/4x5/16	2
93-4	Hose Clamp	15mm	3
93-5	Hose	5/16"x900	1
93-6	Hose	5/16"x1640	1
94	Gear Box		1
94-1	Key	12x8x32	1
94-2	Key	7x7x40	1
94-3	Set Screw	M10x12	2
95	Plate		1
95-1	Hex. Cap Bolt	M6x12	2



Item	Description	Size No.	Q'ty
95-2	Spring Washer	M6	2
95-3	Washer	M6	2
96	Pulley Cover		1
97	Input Pulley		1
98	Belt	1922V443	1
99	Variable Speed Adjustable		1
100	Cover Plate		1
100-1	Hex. Cap Bolt	M8x16	3
100-2	Spring Washer	M8	3
100-3	Washer	M8	6
101	Shaft		1
101-1	Nut	3/8"	1
101-2	Washer	3/8"	1
101-3	Nut	5/16"	1
101-4	Spring Washer	5/16"	1
102	Guide Bracket-Left		1
103	Set Screw	M8x16	4
104	Blade Guide-Left		2
105	Blade Guide-Right		2
106	Connector		2
106-1	Hose Clamp		2
107	Connector		2
108	Hex. Socket Cap Screw	M8x30	4
109	Ball Bearing	608ZZ	4
110	Guide Bracket-Right		1
111	Flat Washer	M8	4
112	Ball Bearing	6201RS	8
113	Sleeve		2
113-1	Eccentric Sleeve		2
114	Spring Washer	M8	4
115	Hex. Socket Cap Screw	M8x45	4
116	Adjusting Knob		2
117	Shaft		2
118	Spring		2
119	Hex. Socket Cap Screw	M6x16	4



Item	Description	Size No.	Q'ty
120	Idle Wheel		1
121	Jam Nut	M30	1
122	Star Washer	M30	1
123	Ball Bearing	30206	2
123-1	Ball Bearing Cover		1
124	Spacer		1
125	Blade Guard		1
125-1	Hex. Cap Bolt	M8x16	2
125-2	Spring Washer	M8	2
125-3	Washer	M8	2
126	Adjusting Bracket Mount-Right		1
126-1	Adjusting Bracket Mount-Left		1
127	Lock Block		2
128	Handle	3/8x1 1/2	2
129	Washer	M10	2
130	Hex. Socket Cap Screw	M10x40	4
131	Spring Washer	M10	4
132	Washer	M10	4
133	Hex. Socket Cap Screw	M12x25	2
134	Set Screw	M8x10	4
135	Scale		1
136	Round Head Screw	M5x10	5
137	Slide Bracket		1
138	Bracket -Left		1
139	Hex. Cap Bolt	M12x30	4
139-1	Spring Washer	M12	4
139-2	Flat Washer	M12	4
140	Bracket-Right		1
141	Nut	M12	1
142	Stop Support		1
143	Spring		1
144	Pin	M4x32	2
145	Rubber Pad		1
146	Stop Block		1
147	Chip Brush		1



Item	Description	Size No.	Q'ty
147-1	Hex. Cap Bolt	M6x12	1
147-2	Spring Washer	M6	1
147-3	Washer	M6	1
148	Pin		1
149	Brush Bracket		1
149-1	Hex. Cap Bolt	M6x16	2
149-2	Spring Washer	M6	2
149-3	Washer	M6	2
161	Extension Bar		1
161-1	Key	5x5x30	1
162	Handle Base		1
162-1	Handle		2
162-2	Set Screw	M8x10	1
163	Thrust Bearing	51105	1
164	Indicator Scale		1
165	Spacer		1
166	Blade Wheel Bracket Shaft		1
167	Slide Bracket		1
168	Adjusting Nut		1
168-1	Set Screw	M6x8	1
169	Slide Plate		2
170	Hex. Socket Cap Screw	M8x20	6
170-1	Spring Washer	M8	6
171	Bracket Slide		1
171-1	Sleeve	M20x35	3
171-2	Spring Washer	M12	3
171-3	Hex. Cap Bolt	M12x65	3
172	Blade Tension Scale		1
172-1	Round Head Screw	M5x10	2
173	Spring Supporting Shaft		1
174	Belleville Spring	W=2.5mm	16
175	Stop Flange		1
175-1	Set Screw	M8x20	2
176	Limit Switch	1307	1
176-1	Round Head Screw	5/32"x1	2



Item	Description	Size No.	Q'ty
176-2	Washer	M4	2
176-3	Nut	M4	2
177	Cover		1
177-1	Hex. Cap Bolt	M6x12	2
177-2	Spring Washer	M6	2
177-3	Washer	M6	2
178	Rubber Cover		1
179	Electrical Wire	0.5/2Cx430cm	1
180A	Eccentric Sleeve Assembly		2
180B	Sleeve Assembly		2
201	Chip Tray		1
202	Washer	M8	1
202-1	Spring Washer	M8	1
203	Hex. Cap Bolt	M8x16	1
204	Turning Slide (Long)		1
205	Bracket		1
206	Hex. Socket Cap Screw	M6x25	2
207	Nut	M10	1
208	Hex. Cap Bolt	M10x30	1
209	Adjustable Handle		1
210	Spring Washer	M12	3
211	Hex. Socket Cap Screw	M12x30	3
212	Set Screw	M8x10	6
213	Bracket		1
214	Hex. Socket Cap Screw	M6x30	2
215	Nut	M10	1
216	Hex. Cap Bolt	M10x30	1
217	Hex. Socket Cap Screw	M6x16	8
217-1	Spring Washer	M6	8
218	Wire Box		1
219	Spring Washer	M6	4
220	Hex. Socket Cap Screw	M6x12	8
222	Cover Plate		1
223	Set Ring		2
224	Handle	M8x25	2



Item	Description	Size No.	Q'ty
225	Pipe		1
226	Round Head Screw	M5x10	4
227	Washer	M5	4
228	Grip		2
229	Control Box		1
230	Hydraulic Feed Valve		1
231	Panel		1
231-1	Round Head Screw	M5x10	8
232	Rapid Reverse Button		1
233	Hydraulic Flow Control Switch		1
234	Bow Up Switch		1
235	Stop Switch		1
236	Start Switch		1
237	Power Indicator Light		1
238	Pump Start Switch		1
239	Emergency Stop Switch		1
240	Bow Down Switch		1
241	Turning Slide (Short)		1
242	Washer	Ø51x5x13	1
243	Hex. Cap Bolt	M12x20	1
244	Washer	M12	3
245	Hex. Socket Cap Screw	M12x30	3
246	Set Screw	M8x10	6
247	Nut	Ø40 M16x2	2
248	Washer	38x5x16.5	2
249	Handle Assembly		1
250	Adjustable Handle		1
251	Bar Stop		1
252	Nut	1/2	1
253	Hex. Socket Cap Screw	1/2x4"	1
254	Rivet		4
255	Scale		1
256	Bar Stop Rod (Long)	22x755	1
257	Joint		1
258	Set Screw	M8x10	2



Item	Description	Size No.	Q'ty
259	Handle	M8x30	1
260	Bar Stop Rod (Short)	36x125	1
261	Set Screw	M6x8	1
262	Hydraulic Cylinder (Vise)		1
262-1	Hex. Socket Cap Screw	M8x30	4
262-2	Spring Washer	M8	4
262-3	Washer	M8	4
263	Block		1
263-1	Flat Head Screw	3/16x1/4	2
264	Guard		1
265	Round Head Screw	5/32x1 1/4	2
266	Hex. Cap Bolt	M6x8	2
267	Spring Washer	M6	2
267-1	Washer	M6	2
268	Limit Switch	1307	1
269	Nut	5/32	2
270	Shaft		1
271	Fixed Vise Jaw		1
272	Spring Washer	M12	3
273	Hex. Socket Cap Screw	M12x40	3
274	Set Bracket		1
275	Hex. Cap Bolt	M12x35	2
276	Washer	M12	2
276-1	Spring Washer	M12	2
277	Set Screw	M8x10	4
278	Chip Grate		1
278-1	Hex. Cap Bolt	M10x20	2
278-2	Spring Washer	M10	2
278-3	Washer	M10	2
279	Bracket		1
280	Nut		1
281	Spring Washer	M8	2
282	Hex. Socket Cap Screw	M8x20	2
283	Bushing		1
284	Spring		1



Item	Description	Size No.	Q'ty
285	Lock Pin		1
286	Hollow Pin	3x18	1

NOTES



BAILEIGH INDUSTRIAL HOLDINGS LLC
1625 DUFEK DRIVE MANITOWOC, WI 54220
PHONE: 920. 684. 4990 FAX: 920. 684. 3944
www.baileigh.com

BAILEIGH INDUSTRIAL HOLDINGS LTD. UNIT D SWIFT POINT
SWIFT VALLEY INDUSTRIAL ESTATE, RUGBY
WEST MIDLANDS, CV21 1QH UNITED KINGDOM
PHONE: +44 (0)24 7661 9267 FAX: +44 (0)24 7661 9276
WWW.BAILEIGH.CO.UK