

BLOCK BUSTER MINI BBM158 COMPACT MASONRY SAW

Now the engineers at Norton bring you the next step in portable masonry saws, the BBM158. With many of the same qualities as the original BBM307 this new saw comes with a heavy duty, belt drive industrial motor. This totally enclosed, 115/230V motor is typically found on larger masonry saws and intended for rugged continuous use. The 14" blade capacity allows for a 5" cutting depth. Weighing in at only 115 lbs., the sturdy single piece steel frame of the BBM is light enough to be transported throughout the job site as well as up scaffolding. The standard garden hose water attachment, commercial stainless steel water pan, motor overload protection and genuine Norton diamond blade make this the best value on the market today!



Features

- 115/230V Belt Drive Motor
- Motor Overload Protection
- Garden Hose Attachment
- 3 Position Locking Head

Benefits

- Intended for rental or professional use
- Protects motor from electrical surge damage
- Wet or dry cutting applications
- 2 static positions for hands free cutting or 1 for plunge cuts

Suggested Diamond Blades



14" ValuePlus
701846 84181



14" Contender Turbo
701846 83823



14" Aero-Jet
701846 83785



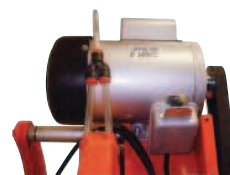
14" Slicer
701846 84187

Specifications

MODEL:	
BBM158	1.5HP Heavy Duty Motor
UPC Number:	701846 26327
DIMENSIONS / WEIGHTS:	
Length	31-1/2 inch (800mm)
Width	18-1/2 inch (470mm)
Height Max	32 inch (762mm)
Weight Uncrated	Approx. 115 lbs.
PERFORMANCE CHARACTERISTICS:	
Max. Blade Diameter	14 inch
Max. Depth of Cut	5 inch
BLADE DIAMETER	CUTTING DEPTH
14 inch	5 inch (127mm)
Blade Shaft Diameter	1 inch (25.4mm)
Collar Diameter	4 inch (102mm)
Blade Shaft Speed	3,600 RPM
Horse Power	3 HP
Amps	15 Amps
Voltage	115-volts

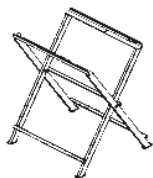


Belt Drive



Dual Voltage Motor

Optional Accessories



Folding Stand:
UPC 701846 00691



Wet Kit:
UPC 701846 00704



Stand with Wheels:
UPC 701846 26329



Vacuum Adapter Kit:
UPC 701846 00753



Dust Recovery Kit:
UPC 701846 26330
(includes Vacuum Adapter Kit)

NORTON

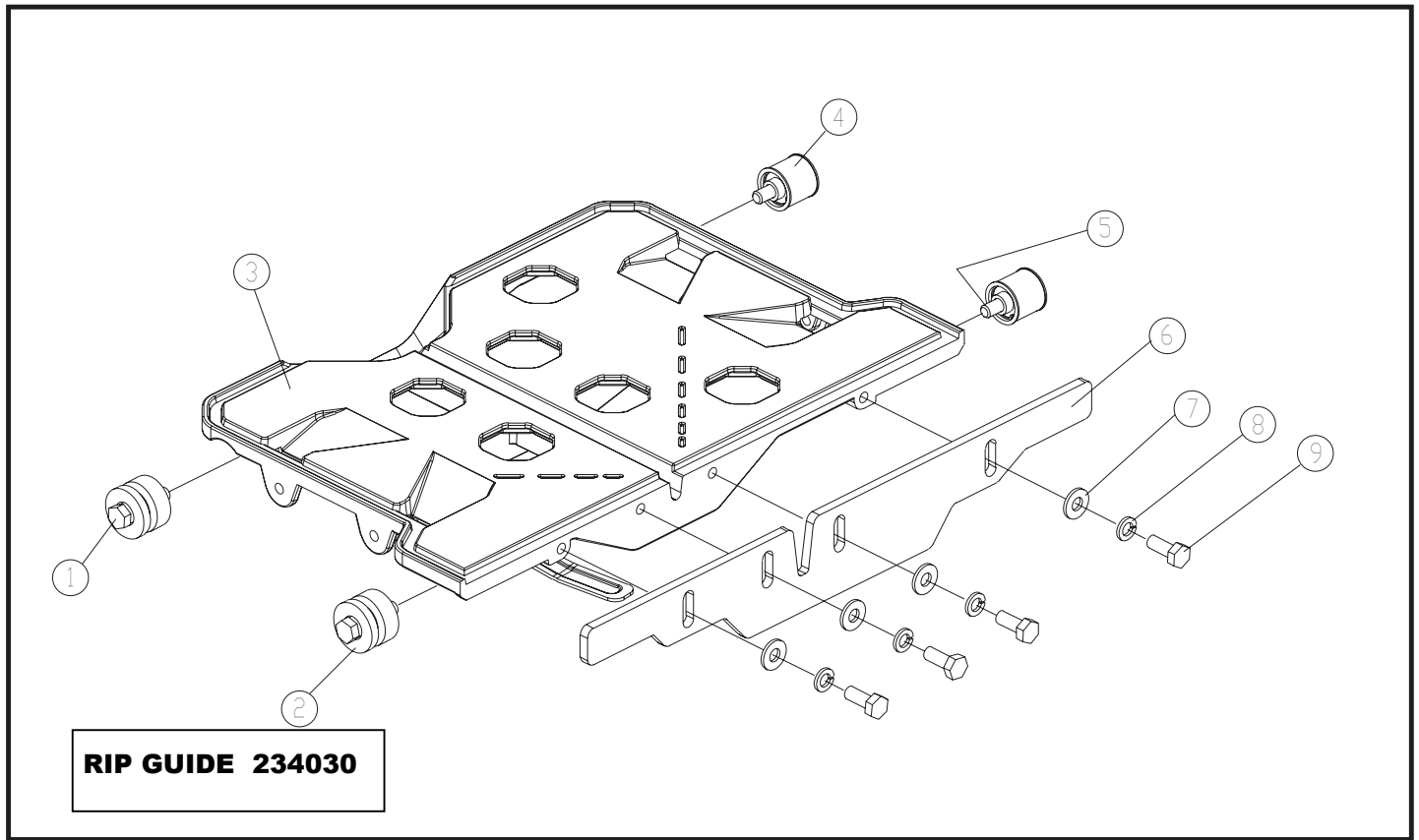
THE MUSCLE BEHIND THE MACHINE™

IN CANADA:
Saint-Gobain Abrasives Canada Inc.
PO Box 3008, 3 Beach Road
Hamilton, ON L8L 7Y5
Phone: (905) 547-2551
Fax: (905) 547-8157

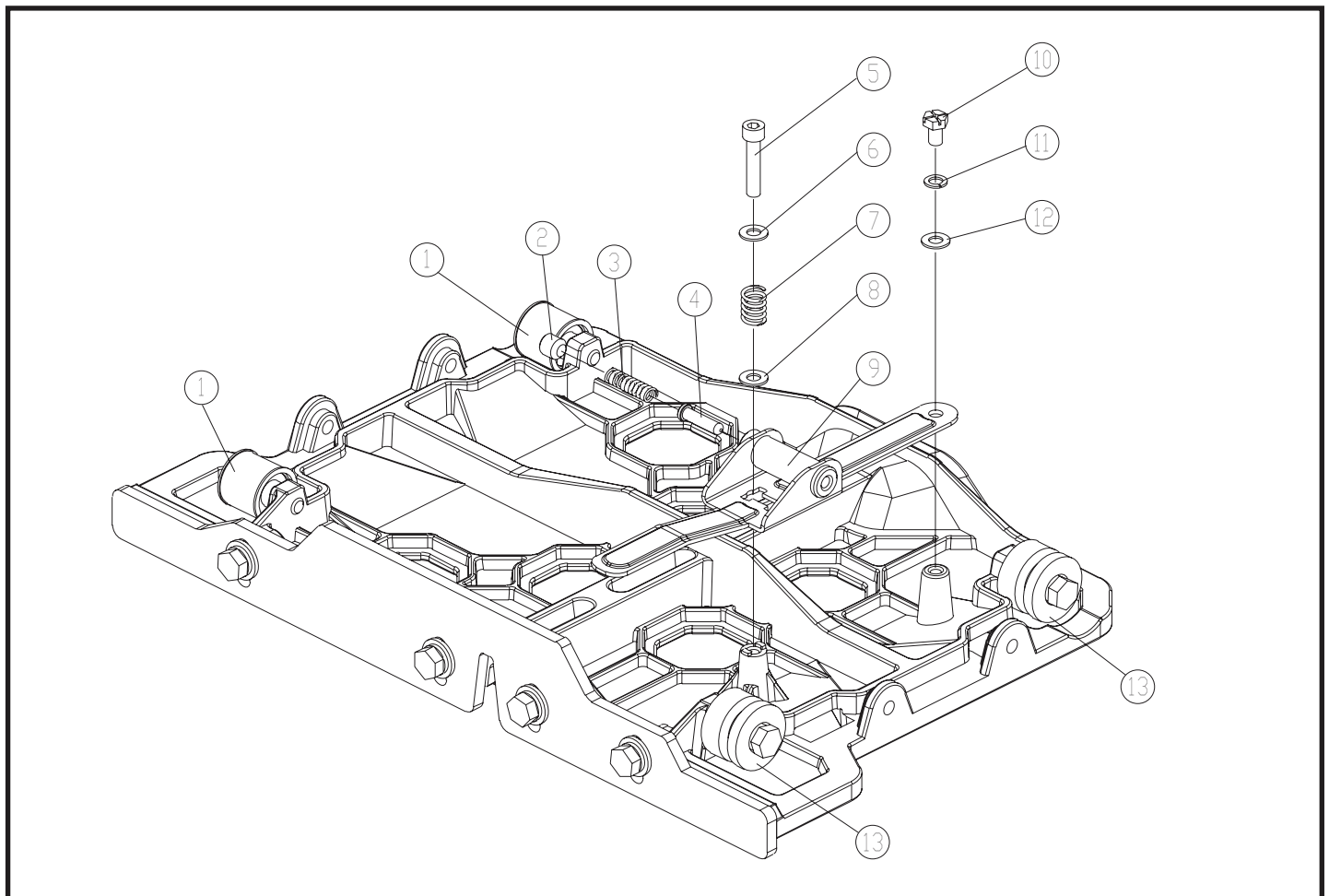
VAC ATTACHMENT
70184602862
INCL: Cutting
Table w/Dust
Shields and
Vacuum Port

© Saint-Gobain Abrasives, Inc. May 2008
The Norton logo and Clipper are registered trademarks of Saint-Gobain Abrasives, Inc.
FORM #7751

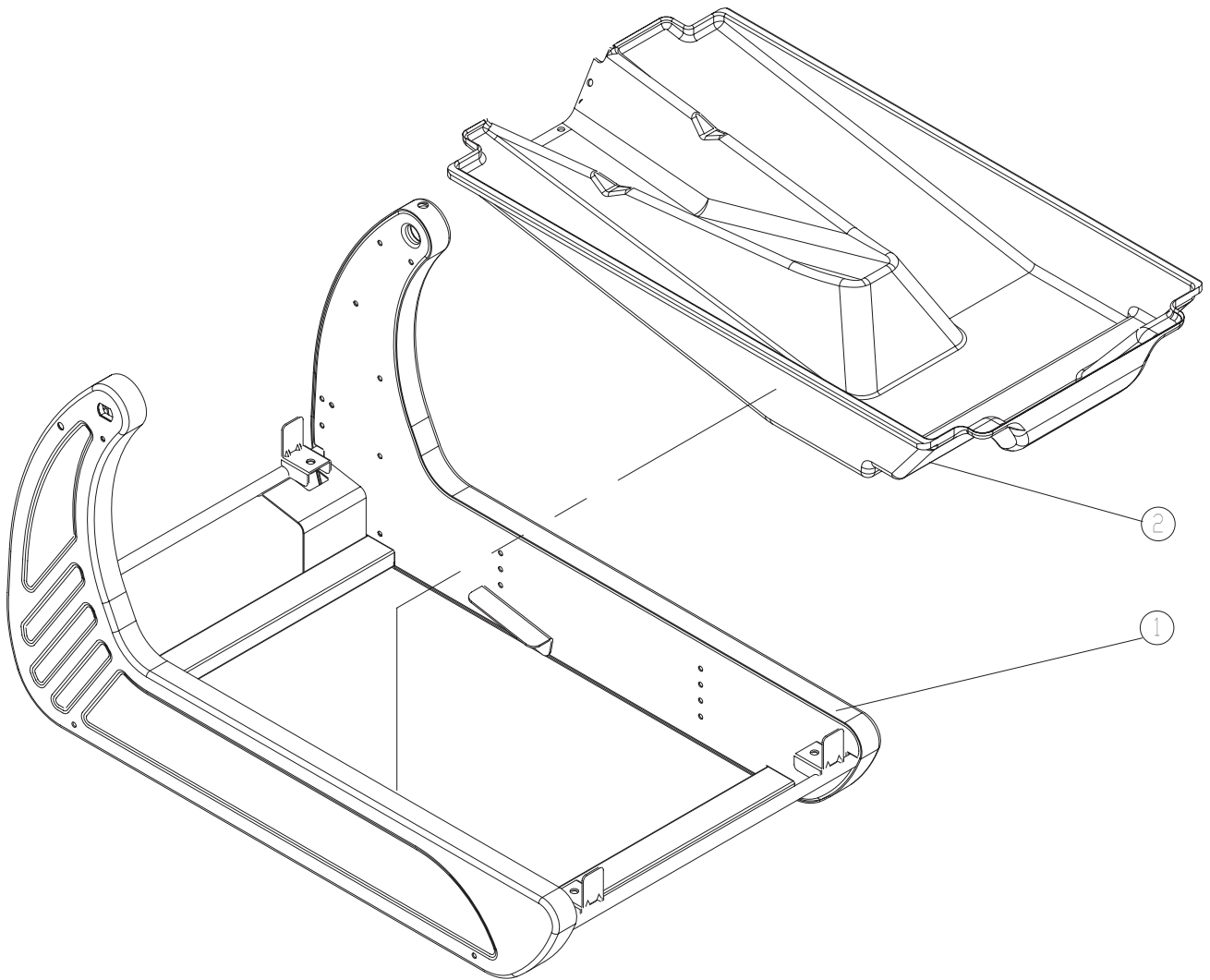
official sponsors of
USA Luge
the fastest sport on ice®



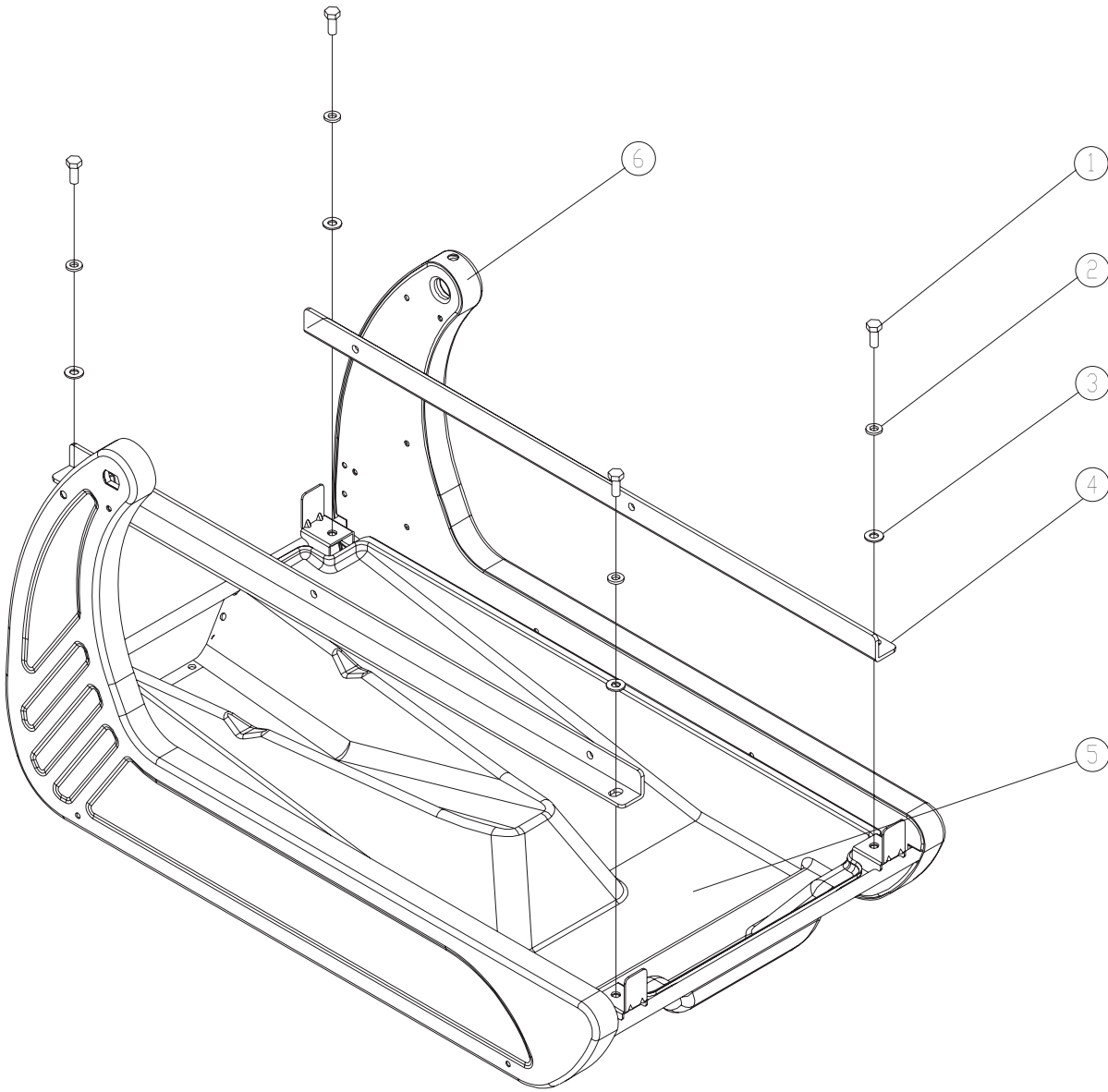
Conveyor Cart Assembly (part number: 235002) Figure - 1



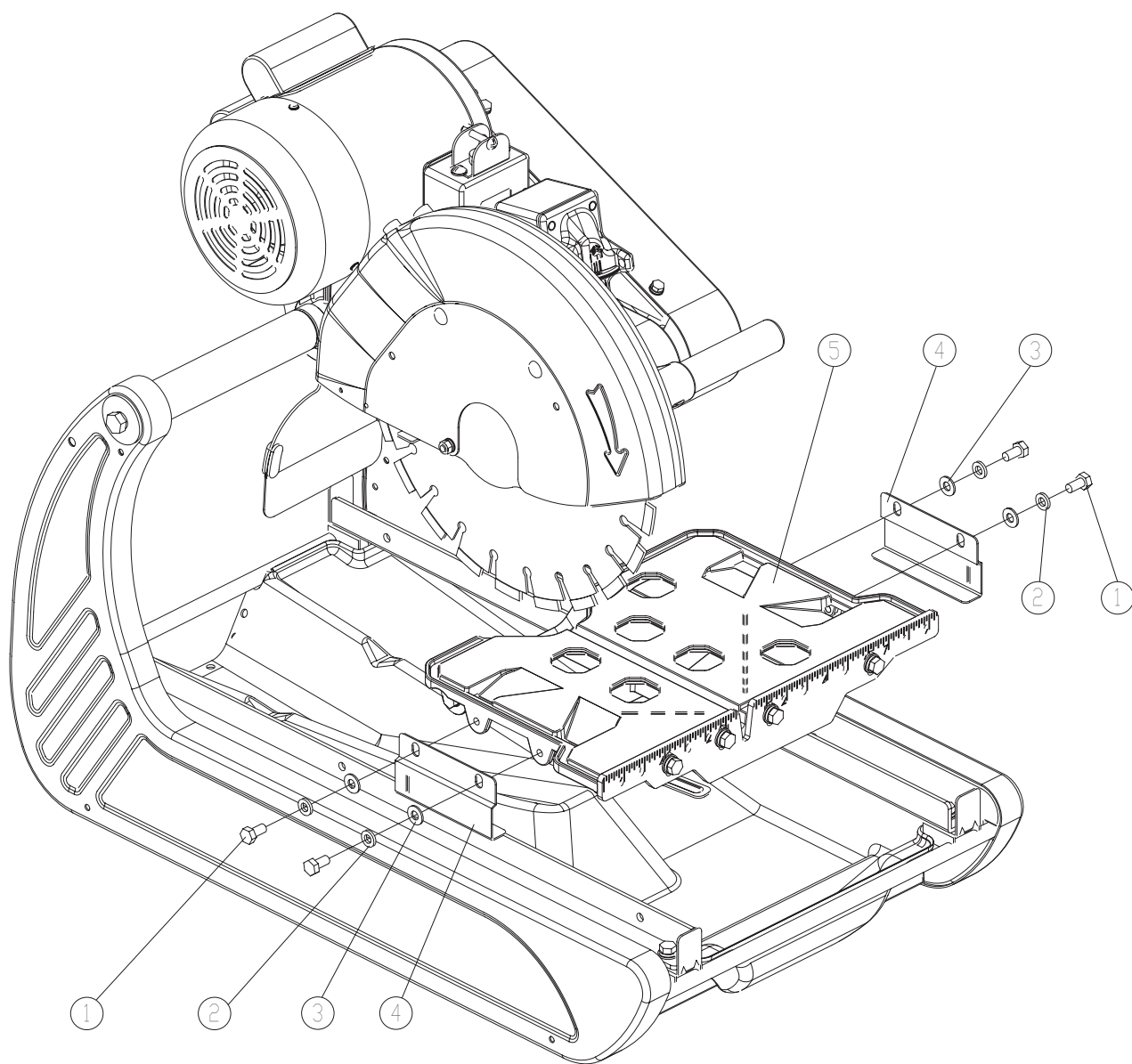
Conveyor Cart Assembly Figure - 2



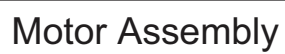
Frame and Dust/Water Collecting Pan

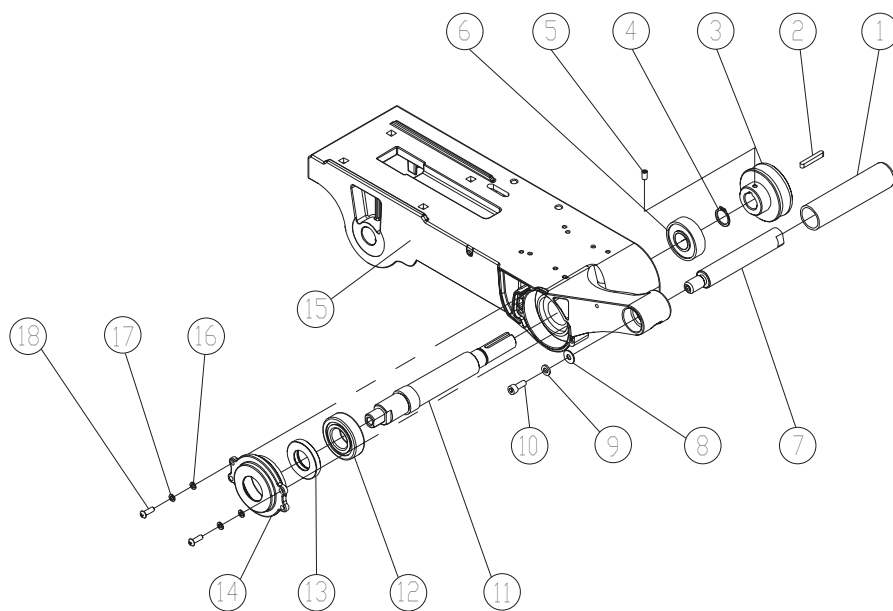


Rail Assembly

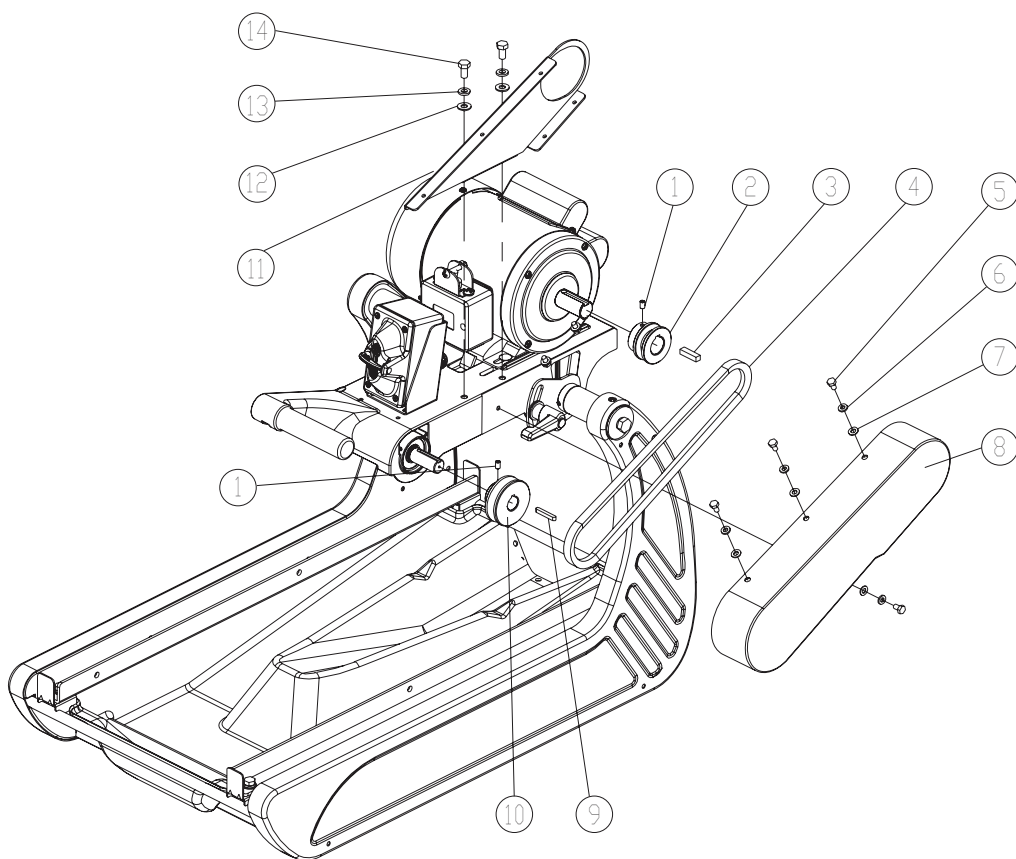


Cutting Table Assembly

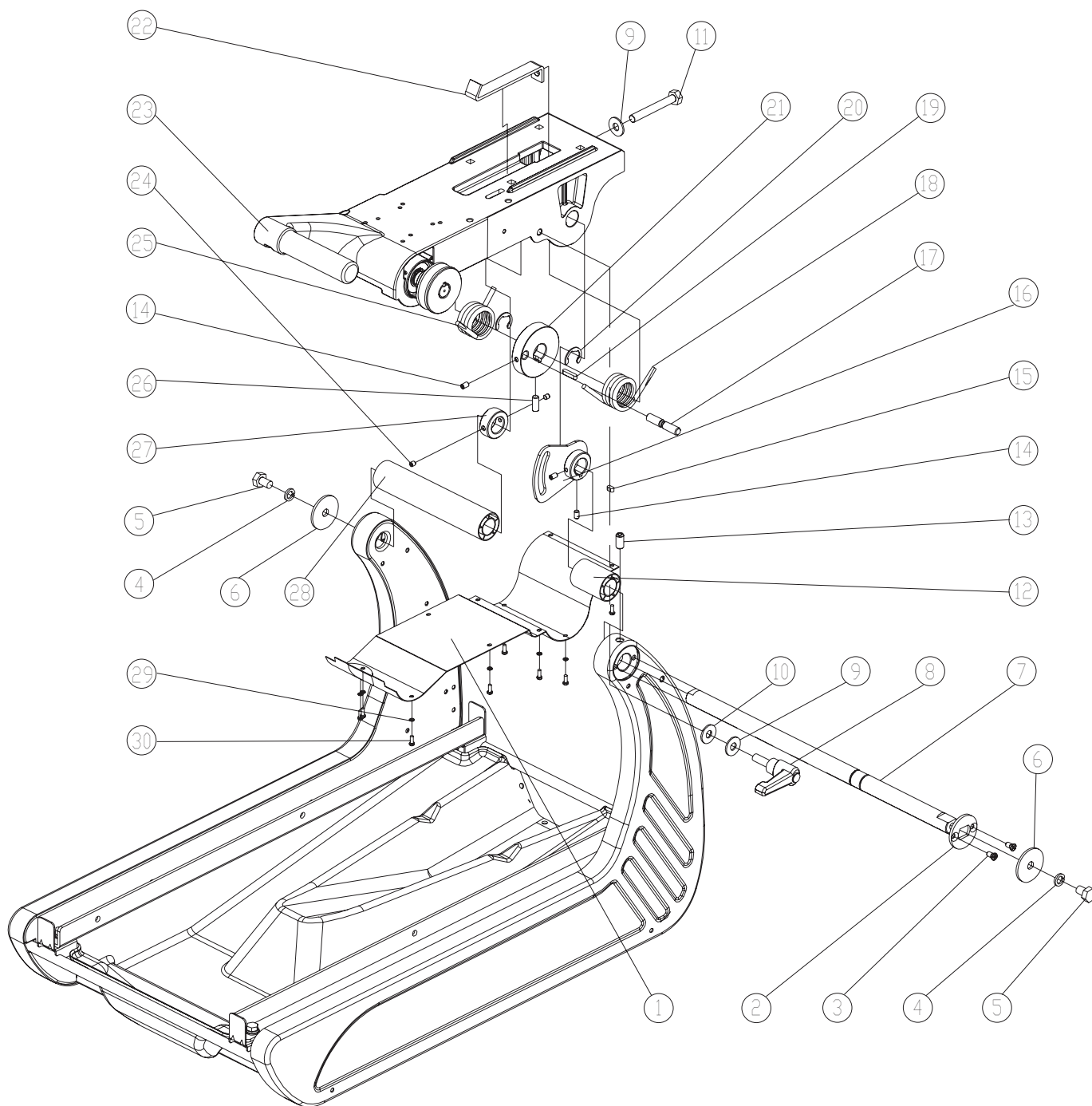




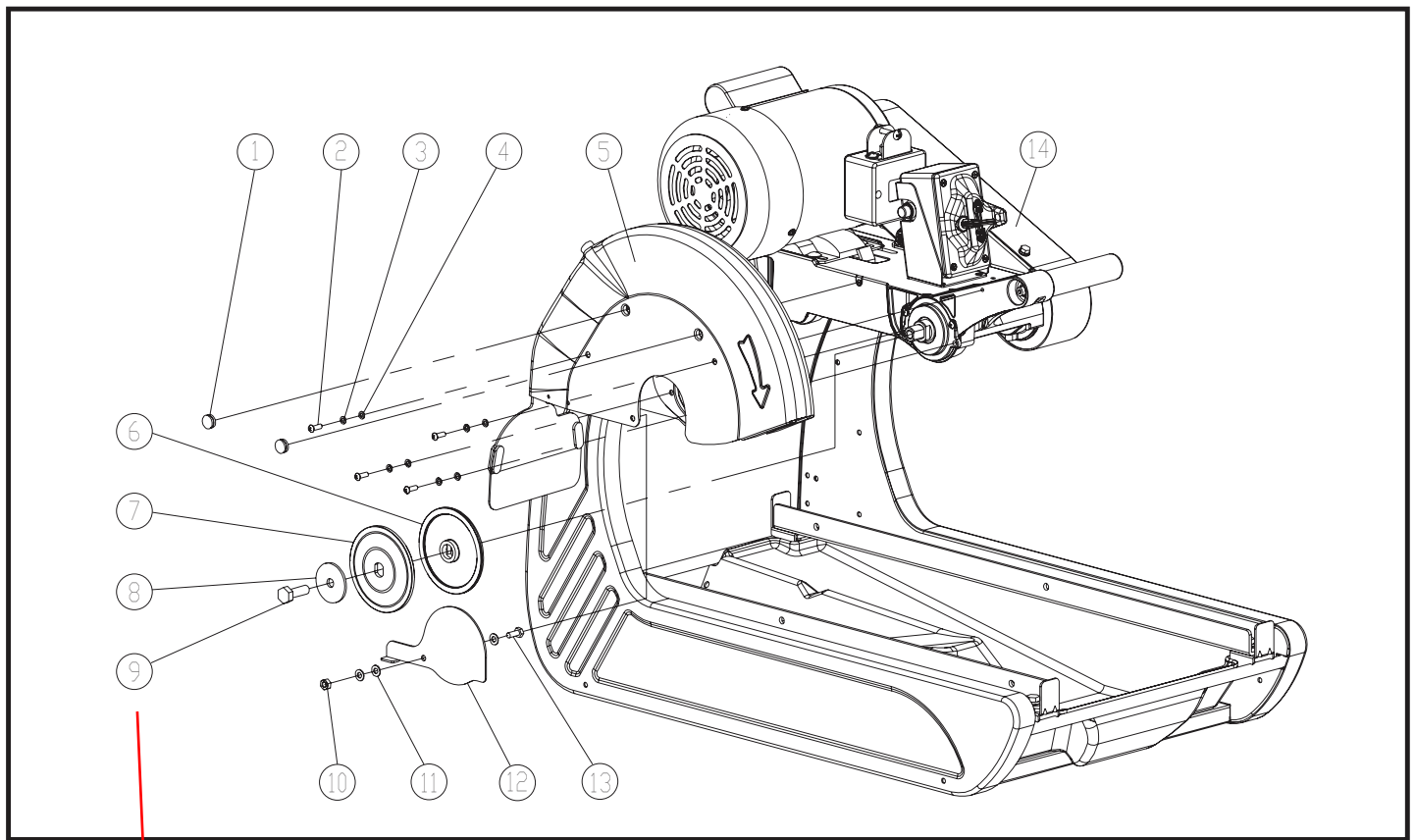
Blade Shaft and Handle Assembly



Belt Guard Assembly



Cutting Head Assembly



Blade Guard Assembly

Bolt for Blade
~~235013~~

BBM158 / YBM158 Parts List

Pos.	Description	QTY REQ	Norton Part No.	UPC
Conveyor Cart Assembly - Figure 1				
1	SCR M8 X 45 1.25 DIN933	2	235005	70184600728
2	WHEEL U SHAPE (2)	1	235006	70184600729
3	CONVEYOR CART COMP W/WHEELS	1	235002	70184600727
4	WHEEL FLAT (2) BBM/YBM307	1	235008	70184600731
5	SCR M8 X 40 1.25 DIN933	2	235009	70184600732
6	RULER GUIDE BBM/YBM307	1	235010	70184600733
7	WASHER M8 DIN125 FLAT	1	232110	70184600562
8	WASHER LOCK M8 DIN127B	1	235012	70184600734
9	SCR M8 X 20 1.25 DIN933	1	235013	70184600735
	Rip Guide		234030	
Conveyor Cart Assembly - Figure 2				
1	WHEEL FLAT (2) BBM/YBM307	2	235008	70184600731
2	LOCK NUT	1	235014	70184600736
3	SPRING TENSION LOCK PIN	1	235015	70184600737
4	LOCK PIN BBM/YBM307	1	235016	70184600738
5	SCR M6 X 30 1.0 DIN933	1	235017	
6	Washer/ Ø13XØ6.5X1.0(T)	1	235018	
7	SPRING TENSION TBL LCK BK	1	235019	70184600757
8	WASHER M6 DIN 125	1	235020	70184600585
9	BRCKET TABLE LOCKING	1	235021	70184600758
10	SCR M6 X 10 1.0 DIN933	1	235022	70184600851
11	WASHER LOCK M6 DIN127B	1	235023	70184600756
12	Washer/ Ø13XØ6.5X1.0(T)	1	235018	
13	WHEEL U SHAPE (2)	1	235006	70184600729
Frame and Dust/Water Collecting Pan				
1	Frame BBM	1	235025	70184600761
2	Dust/Water Collecting Pan	1	235026	70184600762
Rail Assembly				
1	SCR M8 X 20 1.25 DIN933	1	235013	70184600735
2	WASHER LOCK M8 DIN127B	1	235012	70184600734
3	Washer/ Ø19XØ8X2(T)	1	235029	
4	RAIL (2) BBM307	1	235030	70184600763
5	Dust/Water Collecting Pan	1	235026	70184600762
6	Frame BBM	1	235025	70184600761
Cutting Table Assembly				
1	SCR M8 X 16 1.25 DIN933	1	235031	70184600764
2	WASHER LOCK M8 DIN127B	1	235012	70184600734
3	WASHER M8 DIN125 FLAT	1	232110	70184600562
4	Cutting Table Position Bracket (qty required=2)	2	235034	70184600765
5	Conveyor Cart Complete With Wheels	1	235002	70184600727
Electrical System				
1	SCR M4 X 16 0.7 DIN933	4	235057	70184600786
2	Switch Box Cover	1	235200	
3	Rubber Gasket	1	235201	
* 4	Internal Toggle Switch (Voltage Change Toggle Switch)	1	240060	70184629986
5	M4 X 0.7 X 6L Countersunk Screw (qty. required = 4)	4	235203	
6	Mounting Plate	1	235204	
7	M4 X 0.7 X 12L Phillip Screw (qty. required = 4)	4	235205	

*

Toggle Switch (POWER)

1

233003

8	External Rotary Switch	1	235206	
9	M6 Narrow Washer	1	235018	
10	C-Plate	1	235207	
11	NUT M6 DIN985 LOCK	1	235136	70184600850
12	#6-32 X 5/8"L Phillip Screw (qty. required = 2)	2	235208	
13	Circuit Breaker	1	233004	70184680859
14	Switch Housing	1	-----	
15	Cable Gland	1	235210	
16	Switch Housing Bracket	1	235211	
17	SCR M4 X 10 0.7 DIN933	4	235039	70184600769
18	Circuit Breaker Washer	1	235212	
19	Circuit Breaker Nut	1	235213	
20	Circuit Breaker Boot	1	235214	

Motor Assembly

1	NUT 5/16-18 HEX	4	8142002	70184650348
2	WASHER LOCK M8 DIN127B	4	235012	70184600734
3	M8 Narrow Washer (qty. required = 4)	4	235029	
4	8 X 7 X 30 Square Key	1	235215	
5	Ø50.8 Double V Groove Pulley	1	235216	
6	SCR M6 X 10 1.0 SET DIN916	1	235076	70184600797
7	Starting Capacitor Gasket	1	235217	
8	Starting Capacitor	1	235218	70184630594
9	#10-24 X 1/4"L Phillip Screw (qty. required = 4)	4	235219	
10	Starting Capacitor Housing	1	235220	70184630593
11	Running Capacitor Housing	1	235221	
12	Running Capacitor	1	235222	
13	BOLT 5/16-18 X 3/4 CARR	4	8024039	
14	Running Capacitor Gasket	1	235223	
15	NUT M6 DIN985 LOCK	1	235136	70184600850
16	M6 X 1.0 X 35L Phillip Screw	1	235224	
17	MOT 2HP 115/230/60 BBM158 (Custom Made N/A Locally)	1	240024	70184630092
18	#10-24 X 3/8"L Phillip Screw (qty. required = 3)	3	235225	
19	Fan Cover	1	235226	
	Power Cable		233001	70184680854
	MOTOR FAN 240024A		240024A	

Motor includes items 7-19

Junction Box 240053
70184641023

junction box W/Cover
240061

Blade Shaft and Handle Assembly

1	Rubber Grip	1	235052	70184600781
2	5 X 5 X 30 Square Key	1	235227	
3	PULLEY 63.5mm x 13x7 FOR RPF3300A BELT	1	240028	70184630414
4	RING RETAINING 20 x 1.3 DIN471 EXTERNAL	1	300120	70184625592
5	SCR M6 X 10 1.0 SET DIN916	1	235076	70184600797
6	BEARING 6204	1	233012-1	70184681204
7	Handle Bar	1	235051	70184600779
8	WASHER M6 DIN 125	1	235020	70184600585
9	WASHER LOCK M6 DIN127B	1	235023	70184600756
10	SCR M6 X 16 1.0 DIN933	1	235044	70184600778
11	Blade Shaft	1	235228	70184630589
12	BEARING 6205 LB	1	235229	70184630524
13	Double Wall Oil Seal	1	235230	70184630525
14	Bearing Cover	1	235231	
15	Cutting Head Casting Only	1	235232	
16	WASHER M4 DIN125 FLAT	2	235104	70184600873
17	500048 WASHER M5 DIN 7980 LOCK	2	235105	70184622600
18	M5 X 0.8 X 15L Phillip Screw (qty. required = 2)	2	235233	

70184627099

Belt Guard Assembly

1	SCR M6 X 10 1.0 SET DIN916	2	235076	70184600797
---	----------------------------	---	--------	-------------

2	Motor V-Groove Pulley	1	235234	
3	8 X 7 X 30 Square Key	1	235215	
4	BELT RPF3300A 13x7 35LI	1	240036	70184628478
5	SCR M6 X 10 1.0 DIN933	4	235022	70184600851
6	WASHER LOCK M6 DIN127B	4	235023	70184600756
7	M6 Narrow Washer (qty. required = 4)	4	235018	
8	Belt Guard	1	235235	70184695036
9	5 X 5 X 30L Square Key	1	235227	
10	Blade Guard Pulley	1	235236	
11	Belt Guard Bracket	1	235237	
12	M8 Narrow Washer (qty. required = 2)	2	235029	
13	WASHER LOCK M8 DIN127B	2	235012	70184600734
14	SCR M8 X 16 1.25 DIN933	2	235031	70184600764

Cutting Head Assembly

1	Cutting Head Underside Shield	1	235238	
2	CROSS BAR POSITION BRK	1	235068	70184600793
3	M6 X 1.0 X 12L Countersunk Screw (qty. required = 2)	2	235069	
4	WASHER M10 DIN127 LOCK	2	27502	70184681609
5	SCR M10 X 20 1.5 DIN933	2	235061	70184600787
6	WASHER M10 X 40 X 3 BLD S	2	235063	70184600788
7	Cutting Head Shaft	1	235239	
8	M10 X 1.5 X 30L Adjustable Knob	1	235240	
9	WASHER M10 DIN125	1	27504	70184681610
10	M10 Waved Washer	1	235241	
11	SCR M10 X 75 1.5 DIN933 HHC FULL THD	1	235242	
12	Short Aluminum Sleeve	1	235243	
13	SCR M10 X 20 SET DIN916	1	235077	70184600798
14	SCR M6 X 10 1.0 SET DIN916	2	235076	70184600797
15	5 X 5 X 10 Square Key	1	235244	
16	Cutting Depth Guide	1	235245	
17	Spring Bracing Bar	1	235246	
18	Right Torsional Spring LEFT	1	235247	70184693953
19	5 X 5 X 24 Square Key	1	235085	70184600804
20	M22 External C-Clip (qty. required = 2)	2	235086	
21	Spring Brace Mount	1	235248	
22	Motor Belt Tensioning Bracket	1	235249	
23	Cutting Head Casting Only	1	235232	
24	SCR M6 X 10 1 DIN916 SET	2	081949	70184600564
25	Left Torsional Spring RIGHT	1	235250	70184640242
26	SCR M8 X 20 1.25 DIN916	1	235078	70184600799
27	Positioning Collar	1	235075	70184600796
28	Long Aluminum Sleeve	1	235251	
29	WASHER M4 DIN127 LOCK	11	235104	70184600873
30	SCR M4 0.7 X 10 DIN966 PHILIPS	11	235252	

Guard Assembly

1	Plug	1	235253	
2	SCR M5 X 10 0.08 DIN966 PHILIPS	4	235254	70184630526
3	500048 WASHER M5 DIN 7980 LOCK	4	235105	70184622600
4	WASHER M4 DIN125 FLAT	4	235104	70184600873
5	BLADE GUARD BBM/YBM307	1	235131	70184600845
6	TIGHT COLLAR BBM/YBM307	1	235133	70184600847
7	LOOSE COLLAR BBM/YMB307	1	235134	70184600848
8	WASHER M10 X 40 X 3 BLD S	1	235063	70184600788
9	SCR M10 X 20 1.5DIN933 LH (Blade Bolt)	1	235135	70184600893
10	NUT M6 DIN985 LOCK	1	235136	70184600850
11	M6 Narrow Washer (qty. required = 3)	3	235018	
12	ARBOR COVER BBM/YBM307	1	235132	70184600846

13	SCR M6 X 10 1.0 DIN933	1	235137	70184600851
14	Complete Cutting Head w/o Blade Guard	1	235255	

Electrical Diagram BBM158

