riton®

riton® | DLY-18F1 BAND SAW
便携多功能带锯

工作手册

Operation Manual Book

⚠ 警告：
为了您的安全，使用工具之前请仔细阅读本手册。
请妥善保存该手册以备将来参考。

Warning: for your own safety, please read this manual carefully before using the tool and keep it for future reference.

一般安全规则

⚠ 警告：

阅读说明：没有按照以下列举的说明而使用或操作将导致触电、着火和/或严重伤害。在所有以下列举的警告术语“电动工具”指市电驱动（有线）电动工具或电池驱动（无线）电动工具。

保存这些说明

工作场地

1. 保持工作场地清洁和明亮。混乱和黑暗的场地会引发事故。
2. 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。电动工具产生的火花会点燃粉尘或气体。
3. 让儿童和旁观者远离操作环境。分心可能会让你的操作出现错误。

电气安全

4. 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需要接地的工具不能使用任何转换插头。未经改装的插头和相配的插座将减少触电危险。
5. 避免人体接触到接地的金属体，如管道、散热片和冰箱。如果你身体接地会增加触电危险。
6. 电动工具不能暴露在雨中或潮湿环境中，水进入电动工具将增加触电危险。
7. 不得滥用电线。绝不能用电线搬运、拉动电动工具或拔出其插头。让电动工具远离热、油、锐边或运动部件。受损或缠绕的电线会增加触电危险。
8. 当在户外使用电动工具时，使用适合户外使用的外接电线。适合户外使用的电线将减少触电危险。

人生安全

9. 保持警觉，当操作电动工具时关注所从事的操作并保持清醒。切勿在疲倦、药物、酒精或治疗反应下操作电动工具。在操作电动工具期间精力分散会导

致严重人身伤害。

10. 使用安全装置。始终配戴护目镜。安全装置，诸如适当条件下的防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
11. 避免突然启动。确保开关在插入插头时处于关断位置。手指放在已接通电源的开关上或开关处于接通时插入插头可能会导致危险。
12. 在电动工具接通之前，拿掉所有调节钥匙或扳手。遗留在电动工具旋转零件上的钥匙或扳手会导致人身伤害。
13. 着装适当。不要穿宽松衣服或配戴饰品。让你的头发、衣服和袖子远离运动部件。宽松衣服、配饰或长发可能会卷入运动部件。
14. 如果提供了排屑装置、集尘设备，则确保它们连接完好且使用得当。使用这些装置可减少碎屑引起的危险。

电动工具使用和注意事项

15. 不要滥用电动工具，根据用途使用适当的电动工具。选用适当的设计额定值的电动工具会使你工作更有效、更安全。
16. 如果开关不能接通或关断工具电源，则不能使用该电动工具。不能用开关来控制的电动工具是危险的且必须进行修理。
17. 在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和/或将电池盒脱开电源。这种防护性措施将减少电动工具突然启动的危险。
18. 将闲置电动工具贮存在儿童所及范围之外，不要让不熟悉电动工具或对这些说明不了解的人操作电动工具。电动工具在未经训练的用户手中是危险的。
19. 保养电动工具。检查运动件的安装偏差或卡住、零件破损情况和影响电动工具运行的其他条件。如有损坏，电动工具必须在使用前修理好。许多事故由维护不良的电动工具引发。
20. 保持切削刀具锋利和清洁。保养良好的有锋利切削刃的刀具不易卡住而且容易控制。
21. 按照使用说明书以及打算使用的电动工具的特殊类型要求的方式，考虑作业条件和进行的作业来使用电动工具、附件和工具的刀头等。将电动工具用作

那些与要求不符的操作可能会导致危险情况。

维修

22. 将你的电动工具送交专业维修人员，必须使用同样的设备进行更换。这样将确保所维修的电动工具的安全性。
23. 上润滑油及更换附件时请遵循本说明书指示。
24. 手柄务必保持干燥、清洁、无油（脂）。

具体安全规则

切勿为了图方便或因已熟悉轻便带锯的操作（经过多次使用后）而不严格遵守安全规则。以不安全或不正确的方式使用本工具，可能导致严重的人身伤害。

1. 只能使用 1745 毫米长、13 毫米宽、0.65 毫米厚的锯片。
2. 操作前请仔细检查锯片是否有裂缝或损伤，若发现应立即更换。
3. 工件应牢牢固定，当切割成捆工件时，操作前必须将所有工件牢牢地固定在一起。
4. 切割沾油的工件可能会使锯片意外滑脱。操作前应擦去工件上多余的油。
5. 请勿将切割油用作切割润滑剂。
6. 操作时请勿戴手套。
7. 操作时，压紧钢管，以免工作时卡断锯带。
8. 双手应远离旋转部件。
9. 切割金属时，应留心飞溅的高温金属屑。
10. 正在运转的工具不能无人照管。
11. 操作后请勿立即触摸锯片以免手受伤。
12. 进行操作时，如果切割工具可能触及隐藏配线或其自身导线，请握住工具的绝缘把手表面。与“火线”相接触会导致本工具外露的金属部件“带电”，从而导致操作者触电。

请保留此说明书

⚠ 警告：

滥用工具或未遵守本说明书所列的安全规则可能导致严重的人身伤害。

规格

型号		DLY-18F1
0°切割尺寸	圆材	Φ180mm
	方材	180×180mm
45°切割尺寸	圆材	Φ100mm
	方材	100×100mm
净重/毛重		61/68kg
锯片规格		13×0.65×1745mm
功率		250W
电压		220V/50Hz

备注：随机附件含一只长度定位杆、一只漏电保护插头、一套上夹紧装置、一只开关、一只保险丝、一只六角扳手、两只毛刷。

功能描述

1. 锯片紧固手柄
2. 工件夹紧丝杆
3. 电源开关
4. 长度定位杆
5. 电机
6. 调速手轮
7. 漏电保护器

图 180-1

⚠ 注意：

- 调节或检查工具功能之前，请务必关闭工具电源开关并拔下电源插头。

1. 在确认开关关闭情况下，先将漏电保护器插入 220V 单相电源插座，再将工具电源插头插入漏电保护器。
2. 切割工件时，拨动电源开关启动机器，等待片刻至锯条达到全速运转，轻轻放低锯片进行切割，锯条下降速度过快容易打齿。切割结束后机器自动停止运转。
3. 本工具采用进口双金属锯条。可切割碳钢、不锈钢、钢塑管等。锯条在初期使用过程中需要进行磨合，使锯齿适应切割初期的磨损，有效避免锯齿过早出现崩刃、卷刃。
4. 牢牢固定需要切割的工件，切割过程中工件不能松动。

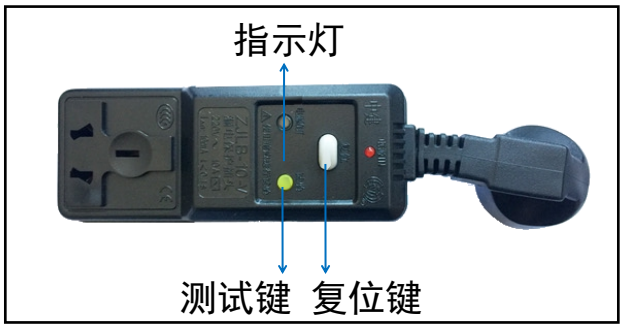


图 180-2

5. 如图 180-2 所示，将漏电保护器连接好电源和机器时，按下复位键接通电源后指示灯会亮起，再拨动机器电源开关启动机器，机器会正常运转。如果机器突然断电停机，请按下测试键检验机器电路是否异常。如果是瞬时切断电源，请注意电动机及其他通电线路是否异常，故障清除后方可正常使用机器。

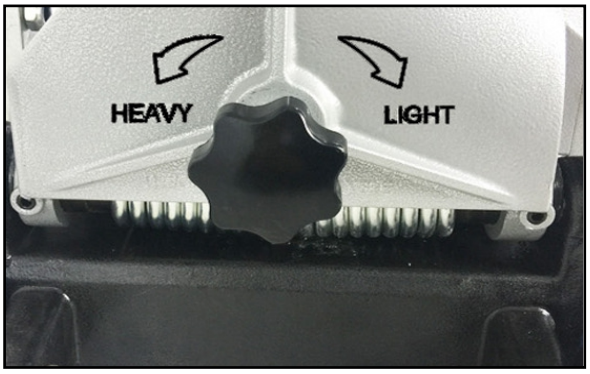


图 180-4

6. 如图 180-4 所示，如需减慢锯片下降速度时，请将手轮往顺时针方向旋转以减轻机架自身下降压力，指向标示为“LIGHT”。如需加快锯片下降速度时，请将手轮往逆时针方向旋转以加重机架自身下降压力，指向标示为“HEAVY”。

锯片的拆卸和安装

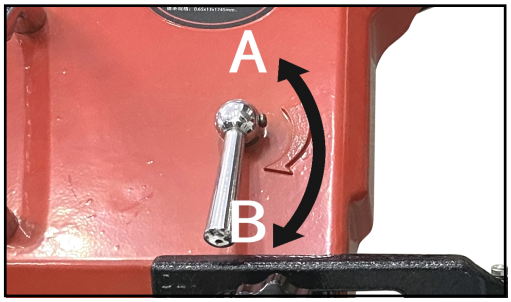


图 180-6

图 180-7

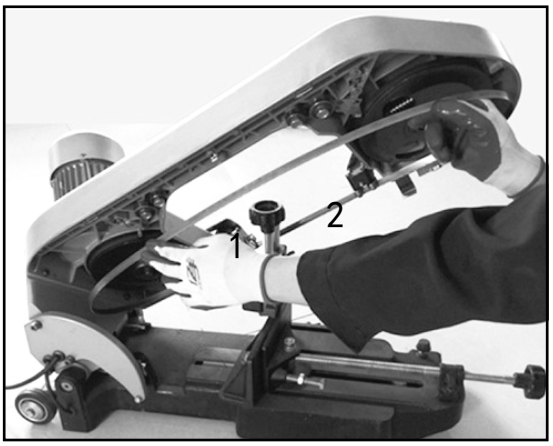


图 180-8

1. 卸下磨损报废的锯片时，如图 180-6 所示逆时针（A）旋转锯片紧固手柄锯片即可松动。然后如图 180-7 所示慢慢取出磨损报废的锯片。
2. 安装新锯片时，如图 180-8 所示将锯片绕过转轮，再将锯片另一侧嵌入导向臂（1 和 2）之间，直至锯片背部接触到导向臂底部。保持锯片位置不动，如图 180-6 所示顺时针（B）旋转锯片紧固手柄(不可过分扳动)，此时锯片具有适当的涨紧度确认锯片正确位于锯架和转轮之间。
2. 开关机两至三次，确认锯片能正常运转。

⚠ 注意：

- 逆时针旋转锯片紧固手柄松开锯片时，不要正对锯片掉落方向，以防锯片意外滑脱造成人身伤害。
- 在确认锯片运转是否正常时，身体应远离锯片。

操作演示

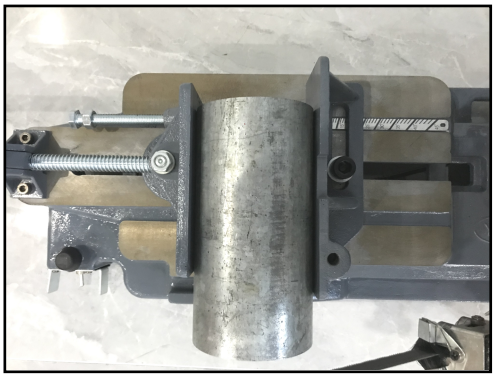


图 180-9

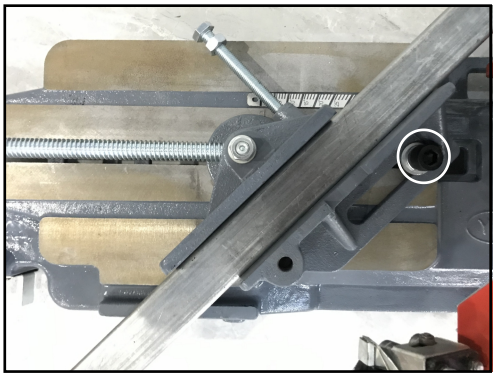


图 180-10

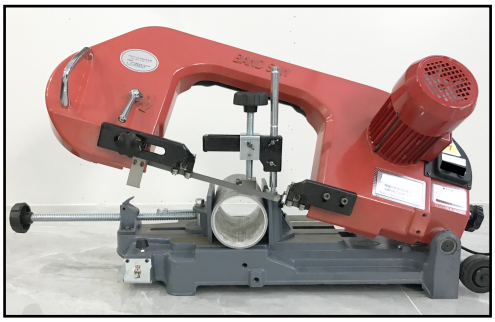


图 180-11

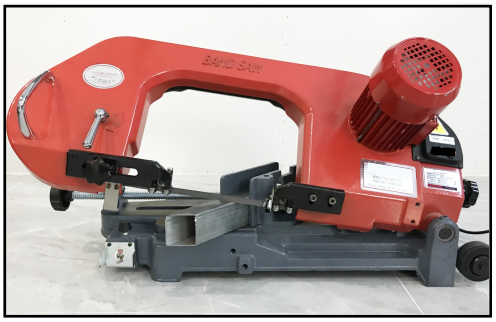


图 180-12

1. 需要 0°切割操作时，如图 180-9 所示紧固好切割工件。然后如图 180-11 所示开动工具，等待片刻待锯片达到全速运转，然后轻轻放低锯片至切割位置，建议利用机身自重下降，不要施加压力，如特殊情况可对其轻微施加压力，请勿压力过大。切割结束时，轻轻将机架抬起，固定在机架卡件上，确保其不会落下。如需要批量切割固定长度的工件时，使用长度定位杆设定要切割的长度，进行切割操作。
2. 需要 45°切割操作时，如图 180-10 所示先松开夹板螺栓，移动夹板至 45° 刻度位置，再固定好螺栓，紧固好切割工件。然后如图 180-12 所示进行切割操作。

注意事项

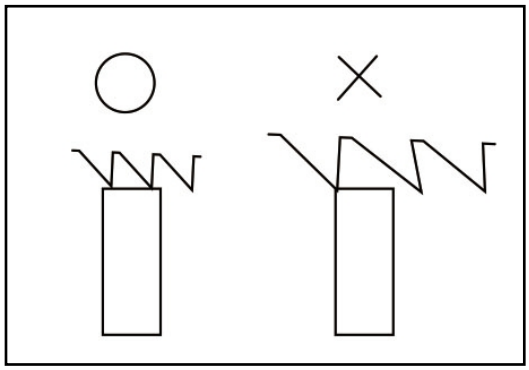


图 180-13

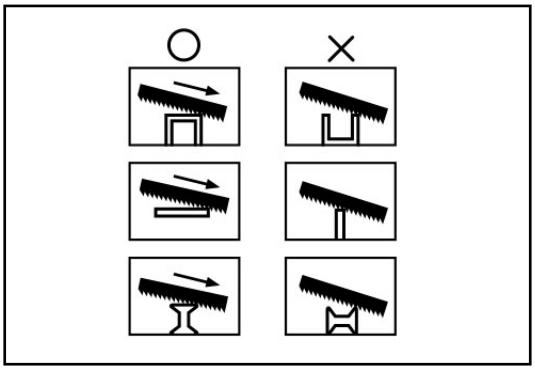


图 180-14

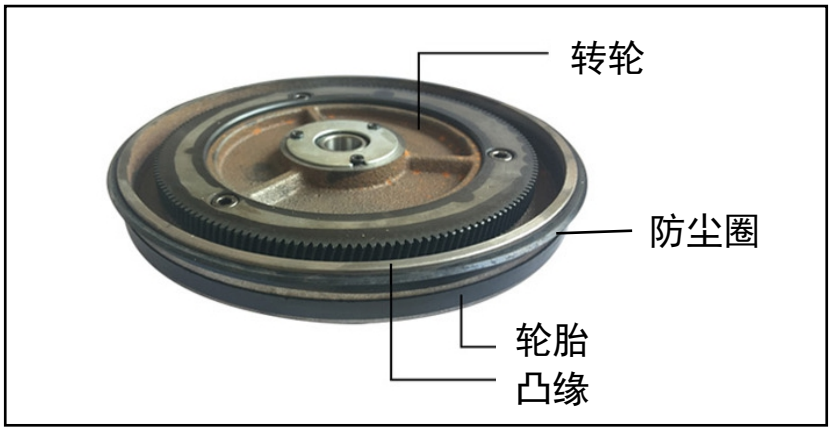


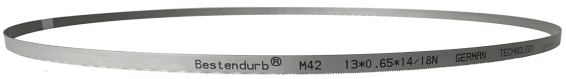
图 180-15

1. 如图 180-13 和 180-14 所示，切割时至少应有两颗锯齿进入切缝，这一点很重要。如图 180-13 所示，为工件选择正确的切割位置。
2. 使用后，如图 180-15 所示清洁工具及其转轮、轮胎、凸缘、锯片上沾染的切割用蜡、锯屑和尘土。如果因轮胎磨损严重造成锯片滑脱或切割定位不良，或者转轮的凸缘损坏，则应更换轮胎。

⚠ 注意：

- 检查或保养工具之前，请务必关闭工具电源开关并拔下电源插头。
- 切勿使用汽油、苯、稀释剂、酒精或类似物品清洁工具。否则可能会导致工具变色、变形或出现裂缝。
- 切勿使用松节油、汽油、清漆等溶剂清理塑料部件。
- 转轮轮胎上沾染的蜡和锯屑可能造成锯片意外滑脱。请使用干布清除。

选购附件

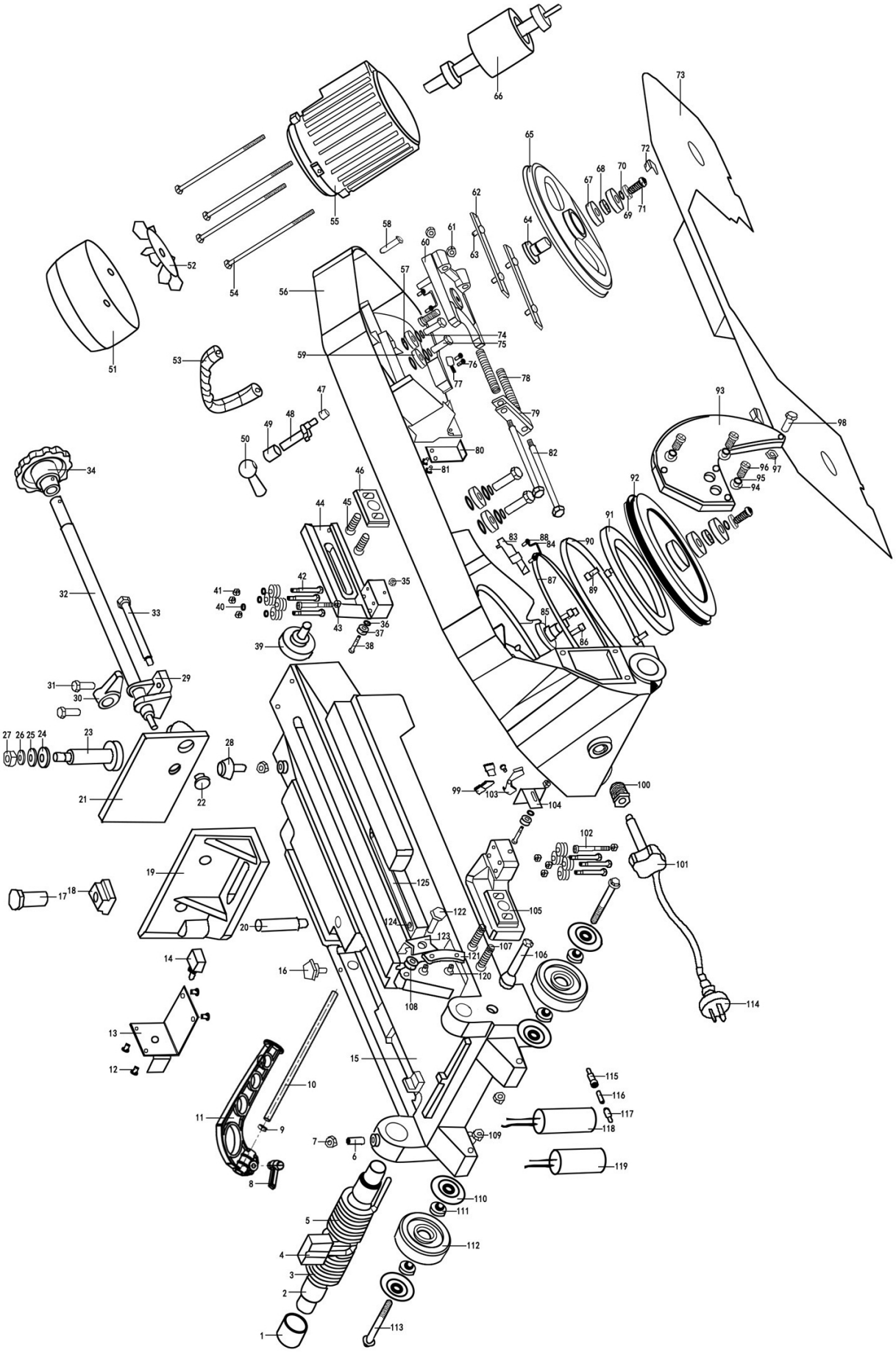


锯片规格：13×0.65×1745mm

轮胎（特制橡胶耐磨圈）

故障分析

常见故障	原因分析	解决方法
锯条脱落	锯条安装不正确，没有贴合引导轴承	根据厂家指导视频正确安装锯条
	导向臂轴承安装不正确或磨损	正确安装或调节导向臂轴承
	轮子橡胶圈磨损或沾油	检查轮子橡胶圈，禁止沾油
	锯条沾油或沾水	切割时禁止加油或水
锯条非正常断裂	选齿或选锯条材料不正确	根据切割材料和尺寸选择正确的锯条
	工件未固定好有窜动	夹紧工件
	垂直下刀速度过快	调节锯架下降压力
噪音大	被动轴和涨紧弹簧摩擦	调整涨紧弹簧
	主动轮齿轮磨损或导致咬合间隙不合适	调整齿轮间隙或更换齿轮
	主动轮、被动轮轴承磨损	注意及时更换轴承
电机冒烟停机	电压不正确	按说明书提示使用正确电压
	电机短路烧掉	检查电机线路或更换电机定子
切割面粗糙不平	锯条牙齿磨损导致钝化，齿尖受损	更换锯条
	垂直下刀速度过快	调节锯架下降压力
	导向臂、工件位置不当	重新调节导向臂、工件位置
	选齿或选锯条材料不正确	根据切割材料和尺寸选择正确的锯条
切割振动	选齿或选锯条材料不正确	根据切割材料和尺寸选择正确的锯条
	工件未固定好有窜动	夹紧工件
	垂直下刀速度过快	调节锯架下降压力
锯条牙齿过早钝化	使用初期未磨合	新锯条使用初期适当磨合
	工件表面有缺陷，切割受力不均	检查工件，选用合适锯条正确切割
	工件夹杂硬导块	检查工件，选用合适锯条正确切割
	选齿或选锯条材料不正确	根据切割材料和尺寸选择正确的锯条
	锯条装反	正确安装锯条
	新锯条切旧切口	避免新锯条切旧切口
	垂直下刀速度过快	调节锯架下降压力


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125

序号	名称
1	轴套
2	轴
3	左扭簧
4	调力板
5	右扭簧
6	开槽锥端紧固螺钉
7	螺母
8	紧固螺钉
9	Ø12.5 螺母
10	Ø12.5×500 定长杆
11	定位杆
12	十字槽盘头螺钉
13	开关板
14	底座
15	开关板
16	小六角手枪
17	六角螺栓
18	T型螺母
19	定位钳体
20	定位销
21	动夹板
22	压块
23	支撑杆
24	强化垫片
25	平垫片
26	弹簧垫片
27	螺母
28	顶杆
29	支架
30	离合螺母
31	六角头螺栓
32	丝杆
33	平衡杆
34	丝杆手轮
35	螺母
36	小垫圈
37	滚动轴承
38	小六角螺栓
39	左导向臂手轮
40	弹簧垫圈
41	螺母
42	大六角螺栓

序号	名称
43	螺母
44	左导向臂
45	圆柱头内六角螺栓
46	垫板
47	滚套
48	手柄偏心轴
49	导套
50	扳手
51	电机保护罩
52	电机风叶
53	手柄
54	电机螺栓
55	电机体
56	锯架
57	垫片
58	螺栓
59	滚动轴承
60	涨紧板
61	螺母
62	压板
63	十字槽盘头螺钉
64	被动轴
65	被动轮
66	电子转子
67	滚动轴承
68	隔套
69	垫圈
70	弹簧垫圈
71	内六角平圆头螺钉
72	拉钩
73	后盖板
74	弹簧垫圈
75	六角头螺栓
76	十字槽盘头螺钉
77	拉钩
78	压力弹簧
79	涨紧器U型板
80	限位板
81	十字槽盘头螺钉
82	螺钉
83	毛刷架
84	1吊环

序号	名称
85	主动轴
86	圆柱头内六角螺栓
87	防尘圈
88	十字槽盘头螺钉
89	圆柱头内六角螺栓
90	耐磨橡胶圈
91	齿轮
92	被动轮
93	摆臂
94	平垫圈
95	弹簧垫圈
96	圆柱头内六角螺栓
97	螺母
98	螺栓
99	盖板
100	调节螺母
101	调节手轮
102	导向臂偏心螺丝
103	毛刷架
104	定位板
105	右导向臂
106	电线皮套
107	内六角平头圆螺钉
108	隔套
109	隔套
110	护盘
111	护盘
112	移动轮
113	螺杆
114	电线插头
115	保险丝外套
116	保险丝
117	电容内套
118	大电容
119	小电容
120	内六角沉头螺钉
121	锯架限位板
122	螺钉小轴
123	锯架限位板2
124	十字槽盘头螺钉
125	刻度尺

INTEND USE

The tool is intended for cutting in wood, plastic and ferrous materials.

POWER SUPPLY

The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated in accordance with European Standard and can, therefore, also be used from sockets without earth wire.

GENERAL POWER TOOL SAFETY WARNINGS

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

1. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

4. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded)**

power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

5. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
7. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
8. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
9. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
10. **Use of power supply via a RCD with a rated residual current of 30mA or less is always recommended.**

Personal safety

11. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
12. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
13. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack,**

picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

14. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
15. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
16. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
17. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

Power tool use and care

18. **Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.**
19. **Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.**
20. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
21. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
22. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the**

power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

23. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
24. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Service

25. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
26. **Follow instruction for lubricating and changing accessories.**
27. **Keep handles dry, clean and free from oil and grease.**

PORTABLE BAND SAW SAFETY WARNINGS

28. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessories contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
29. **Use only blades which are 1,745mm (68-3/4") long, 13mm (0.5") wide, and 0.65 mm (0.025") thick.**
30. **Check the blade carefully for cracks or damage before operation. Replace cracked or damaged blade immediately.**
31. **Secure the workpiece firmly. When cutting a bundle of workpieces, be sure that all workpieces are secured together firmly before cutting.**
32. **Cutting workpieces covered with oil can cause the blade to come off**

unexpectedly. Wipe off all excess oil from workpieces before cutting.

33. **Do not wear gloves during operation.**
34. **Hold the tool firmly with both hands.**
35. **Keep hands away from rotating parts.**
36. **When cutting metal, be cautious of hot flying chips.**
37. **Do not leave the tool running unattended.**
38. **Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**

SAVE THESE INSTRUCTIONS.

⚠ **WARNING:Do not let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.**

SPECIFICATION

Model		DLY-18F1
Cutting capacity@0°	Round workpiece	Φ180mm
	Rectangular workpiece	180×180mm
Cutting capacity@45°	Round workpiece	Φ100mm
	Rectangular workpiece	100×100mm
Net weight/Gross weight		61/68kg
Blade size		13×0.65×1745mm
Power		250W
Voltage		220V/50Hz

FUNCTIONAL DESCRIPTION

4. Lever
5. Screw rod for clamping workpiece
6. Switch
7. Length positioning rod
8. Motor
9. Speed control handwheel
10. Leakage protector

2021190-1

⚠ Caution:

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

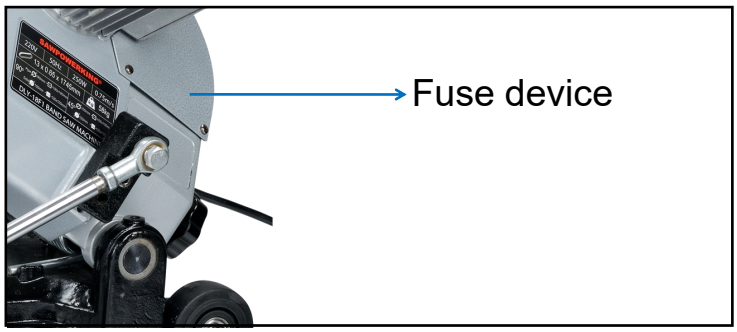
After confirming that the switch is turned off, first insert the leakage protector into a 220V single-phase power socket, and then insert the tool power plug into the leakage protector.

When cutting the workpiece, pull the power switch to start the tool, and wait until the blade attains full speed. Gently lower the blade into the cut. The weight of the tool will supply adequate pressure for the cutting. Do not force the tool. The machine stops automatically after cutting.

This tool uses bimetal saw blade. It can cut carbon steel, stainless steel, steel plastic pipe, etc. The saw blade needs to be run-in during the initial use process, so that the saw teeth can adapt to the wear and tear of the initial cutting, and effectively avoid the premature chipping and curling of the saw teeth.

Fix the workpiece firmly, and the workpiece cannot be loosened during the cutting process.

If the power is cut off instantly, please pay attention to whether the motor and other energized circuits are abnormal, and after the fault is resolved,the tool can be used normally.



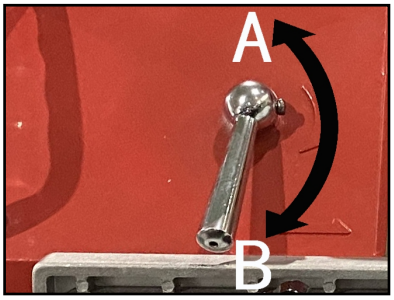
2021190-3

As shown in the figure (2021190-3), when the fuse is burned out and needs to be replaced, simply disassemble the fuse device and replace it.

ASSEMBLY

Caution:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.



2021190-5

2021190-6

2021190-7

Removing the blade

As shown in the figure (2021190-5), turn the blade tightening lever counterclockwise.

As shown in the figure (2021190-6), remove the saw blade slowly after it is loose.

⚠ Caution:

- Use caution when handling the blade so that you are not cut by the sharp edge of the blade teeth.
- When turning the blade tightening lever counterclockwise to release the tension on the blade, do not face the falling direction of the saw blade, because the blade may come off unexpectedly.

Installing the blade

⚠ Caution:

- Oil on the blade can cause the blade to slip or come off unexpectedly. Wipe off all excess oil with a cloth before installing the blade.

As shown in the figure (2021190-7), insert the blade between the bearings of one blade guide first and then into the other blade guide. The blade back should contact the bearings in the lower portion of the blade guides.

Position the blade around the wheels and insert the other side of the blade within the upper holder and lower holder until the blade back contacts the bottom of the upper holder and lower holder.

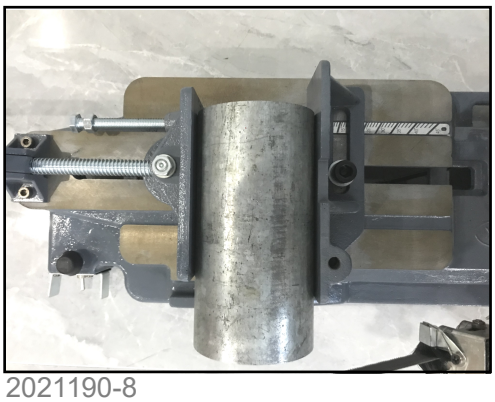
As shown in the figure (2021190-5), hold the blade in place and turn the blade-tightening lever clockwise. Be sure that places proper tension on the blade.

Make sure that the blade is correctly positioned within the blade guard and around the wheels. Start and stop the tool two or three times to make sure that the blade runs properly on the wheels.

⚠ Caution:

- While making sure that the blade runs on the wheels properly, keep your body away from the blade area.

OPERATION



2021190-8

2021190-9

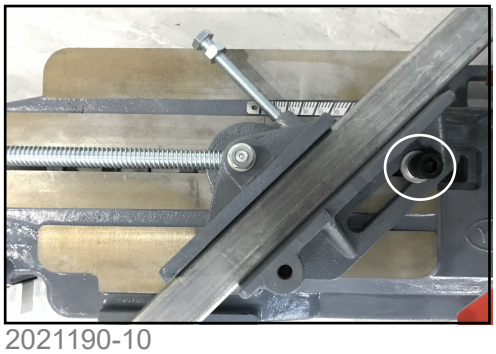
0º Cutting operation

As shown in the figure (2021190-8), fix the workpiece firmly.

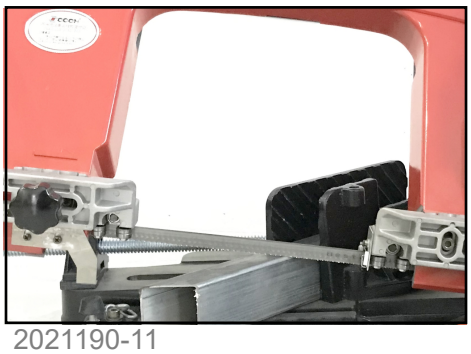
As shown in the figure (2021190-9), turn the tool on and wait until the blade attains full speed. Gently lower the blade into the cut. The weight of the tool will supply adequate pressure for the cutting. Do not force the tool.

As you reach the end of a cut, release pressure and without actually raising the tool, lift it slightly so that it will not fall against the workpiece.

If you need to cut fixed-length workpieces in batches, use the length positioning rod to set the length to be cut.



2021190-10

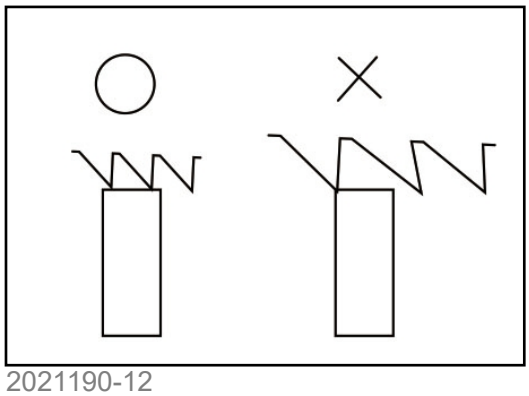


2021190-11

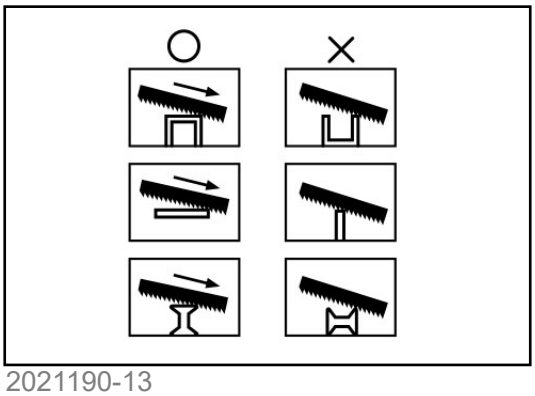
45º Cutting operation

As shown in the figure (2021190-10), loosen the bolt of the splint first, and move the splint to 45º position according to the scale, and then fix the bolt. Then fix the workpiece firmly.

As shown in the figure (2021190-11), carry out the cutting operation.



2021190-12



2021190-13

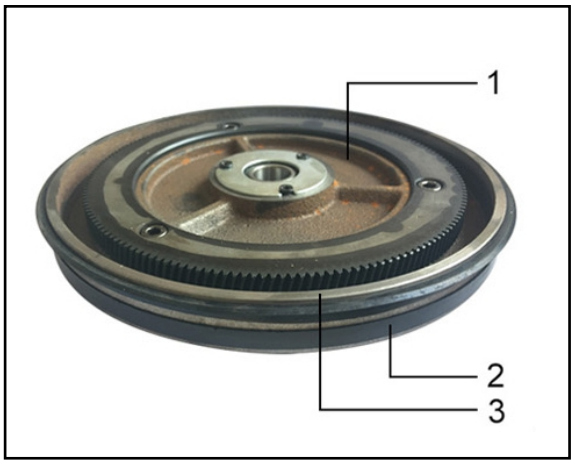
⚠ Caution:

- It is important to keep at least two teeth in the cut. Select the proper cutting position for your workpiece by referring to the figure(2021190-12).
- Applying excessive pressure to the tool or twisting of the blade may cause bevel cutting or damage to the blade.
- When not using the tool for a long period of time, remove the blade from the tool.
- Never use cutting oil or apply excessive amount of wax to the blade. It may cause the blade to slip or come off unexpectedly.
- When cutting cast iron, do not use any cutting wax.

MAINTENANCE

⚠ Caution:

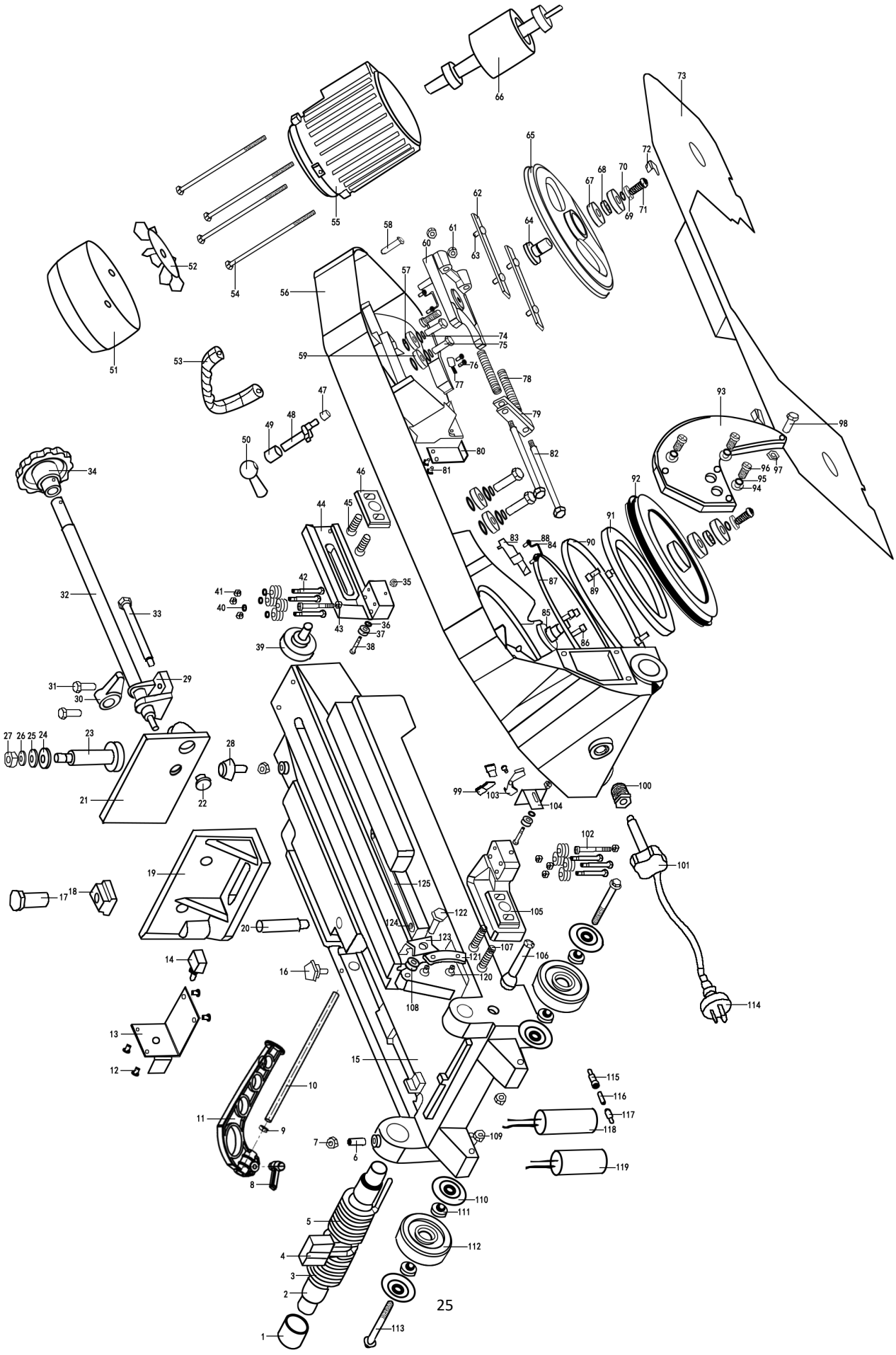
- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
- Do not use gasoline, gasoline, thinner, alcohol, etc. to clean the tool. May cause the tool discolored, deformed or cracked.
- After use, remove wax, chips and dust from the tool, wheel tires and blade.
- Never use solvents such as turpentine, gasoline, lacquer, etc. to clean plastic parts.
- Wax and chips on the tires may cause the blade to slip and come off unexpectedly. Use a dry cloth to remove wax and chips from the tires.



2021190-14

1. Wheel
2. Tire
3. Lip

When the blade slips or does not track properly because of badly worn tires, or the lip of the tire gets damaged, the tires should be replaced.


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125

Malfunction Analysis

No.	Name
1	Bushing
2	Shaft
3	Left torsion spring
4	Force plate
5	Right torsion spring
6	Slotted vertebral end set screw
7	Nut
8	Fastening nut
9	Ø12.5 nut
10	Ø12.5×500 fixed rod
11	Positioning block
12	Cross recessed pan head screws
13	Switch board
14	Base
15	switch
16	Small hexagonal pistol
17	Hex Bolts
18	T-nut
19	Fixed clip body
20	Locating pin
21	Moving clamp body
22	Briquetting block
23	Support rod
24	Reinforced gasket
25	Flat gasket
26	Spring washer
27	Nut
28	Pole
29	support
30	Clutch nut
31	Hex head bolt
32	Screw
33	Balance bar
34	Hand wheel
35	Nut
36	Small washer
37	Rolling bearing
38	Small hex bolt
39	Left guide arm hand wheel
40	Spring washer
41	Nut
42	Large hexagon bolt

No.	Name
43	Nut
44	Left guide arm
45	Cylindrical head hexagon socket head cap bolt
46	Pad
47	Rolling sleeve
48	Handle eccentric
49	Bushing
50	wrench
51	Motor protection cover
52	Motor wind page
53	handle
54	Motor bolt
55	Motor body
56	Saw frame
57	Gasket
58	bolt
59	Rolling bearing
60	skateboard
61	Nut
62	Press plate
63	Cross recessed pan head screws
64	Passive axis
65	Passive wheel
66	Motor rotor
67	Rolling bearing
68	Spacer
69	washer
70	Spring washer
71	Hexagon socket head cap screws
72	Pull hook
73	Rear cover
74	Spring washer
75	Hex head bolt
76	Cross recessed pan head screws
77	Pull hook
78	Pressure spring
79	Tensioner u-shaped plate
80	Limit plate
81	Cross recessed pan head screws
82	Screw
83	Brush holder
84	Ring

No.	Name
85	Drive shaft
86	Cylindrical head hexagon socket head cap bolt
87	Dust ring
88	Cross recessed pan head screws
89	Cylindrical head hexagon socket head cap bolt
90	Wear-resistant rubber ring
91	gear
92	Passive wheel
93	Swing arm
94	Flat Washers
95	Spring washer
96	Cylindrical head hexagon socket head cap bolt
97	Nut
98	bolt
99	Brush
100	Adjustment nut
101	Adjustment hand wheel
102	Guide arm adjustment screw
103	Brush holder
104	Positioning plate
105	Right guide arm
106	Wire holster
107	Hexagon socket head cap screws
108	Spacer
109	Spacer
110	Guard plate
111	Guard plate
112	Moving wheel
113	Screw
114	Wire plug
115	Fuse jacket
116	Fuse
117	Capacitor inner sleeve
118	Large capacitance
119	Small capacitor
120	Hexagon socket head screw
121	Limit block
122	Small screw shaft
123	Small screw shaft
124	Stop block
125	Cross recessed pan head screws