

GAZELLE[®]

GW7050

Jig Saw
User Manual



EN

Read through carefully and understand these instructions before use.

GENERAL POWER TOOL SAFETY

WARNINGS



WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal 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.

1) Work Area Safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical Safety

- a) **Power tool plugs must match the outlet. Never modify the plug in anyway. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **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.
- e) **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.
- f) **If operating a power in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal Safety

- a) **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.

- b) **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.
 - c) **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.
 - d) **Remove any adjusting key or wrench before turning the tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
 - e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - f) **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.
 - g) **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.
 - h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.
- ### 4) Power Tool Use and Care
- a) **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.
 - b) **Do not use tool if switch does not turn it on or off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - c) **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.
 - d) **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.
 - e) **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.

- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **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.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5) Service

- a) **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.
- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

Safety instructions for reciprocating saws
Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring

or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.

UK power plug warnings:

Your product is fitted with an BS 1363-1 approved electric plug with internal fuse approved to BS 1362. If the plug is not suitable for your socket, it should be removed and an appropriate plug should be fitted in its place by an authorized customer service agent. The replacement plug should have the same fuse rating as the original plug. The severed plug must be disposed of to avoid a possible shock hazard and should never be inserted into a mains socket elsewhere.

Symbol



WARNING



To reduce the risk of injury, user must read instruction manual



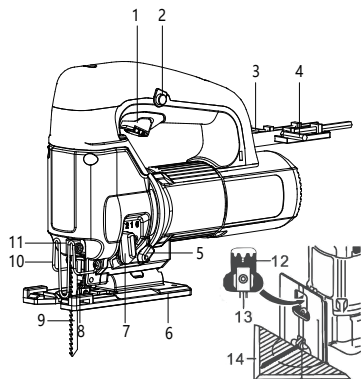
Class II tool

Technical data

Model		GW7050
Rated Power Input		580W
No-Load Strokes		500-3100/min
Bevel Cutting Angle (Right/Left)		0-45°
Max. Cutting Capacity	Wood	Ø85mm
	Aluminum	Ø20mm
	Steel	Ø10mm
Net Weight		2.7kg

*Due to the continuing program of research and development, the specifications herein are subject to change without prior notice.

GENERAL DESCRIPTION



- | | |
|-------------------------------|----------------------------|
| 1.Button Switch | 8.Roller |
| 2.lock knob | 9.Saw blade |
| 3.3mm hexagonal wrench | 10.steel wire safety frame |
| 4.5mm hexagonal wrench | 11.reciprocating shaft |
| 5.Switch for sawdust blower | 12.Scale |
| 6.Base | 13.Hex Socket head screw |
| 7.Setting Swing function knob | 14.Protractor |
- *Accessory, Not included in the scope of supply**

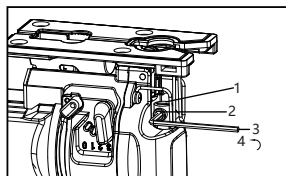
INSTRUCTIONS FOR OPERATION

Follow the steps below to install the saw blade

CAUTION:

- Always keep the safety protector in place during operation for your safety.

1. Use an hexagon wrench to loosen the hexagon socket set screw on the tool head in the direction shown below.
2. Insert the saw blade teeth forward into the deepest part of the inner groove of the cutter head.



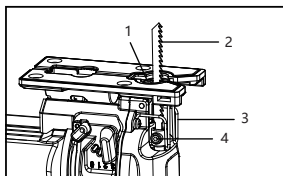
- 1.Cutter Head
- 2.Hexagon Socket Set Screw
- 3.3Mm Hexagonal Wrench
- 4.Looseen

CAUTION:

Before placing the saw blade, make sure there is no foreign matter on the saw blade and blade head, otherwise it will cause the saw blade tightened unfastly and cause danger.

When the saw blade is installed in the cutter head, pull the cutter head to the outside, avoiding the steel wire safety frame, and it is convenient to insert the saw blade straight to the bottom of the cutter head.

After the saw blade is in place, check that the blade has been inserted into the bottom of the cutter head, and the back edge of the saw blade is in good contact with the roller, and then tighten the hexagon socket set screw.



- 1.Roller
- 2.Saw Blade
- 3.Steel Wire Safety Frame
- 4.Hexagon Socket Set Screw

Switch Action

CAUTION:

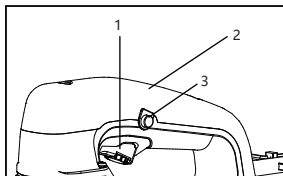
- Before plugging in the tool, always check to see that the trigger switch actuates properly and returns to the "OFF" position when released.

- Switch can be locked in the "ON" position for ease of operator comfort during extended use. Apply caution when locking tool in the "On" position and maintain firm grasp on tool.

To start the tool, simply press the switch trigger.

Release the trigger to stop.

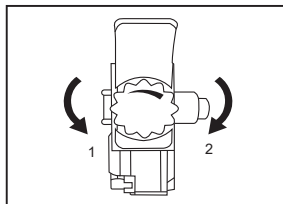
For continuous operation, pull the trigger and then push in the lock button. To stop the tool from the locked position, pull the trigger fully and then release it.



- 1.Switch Trigger
- 2.Grip Portion
- 3.Lock Button

Speed Control

Speed can be infinitely adjusted between 500 and 3,100 strokes per minute by turning the adjusting dial. Higher speed is obtained when the dial is turned clockwise; lower speed is obtained when it is turned counterclockwise.

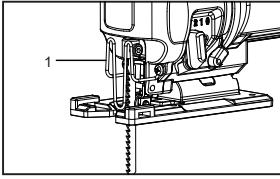


- 1.Lower Speed
- 2.Higher Speed

Safety protection device

The safety protection device installed on the tool prevents the operator from inadvertently touching the blade during operation, the safety protection device

cannot be removed.



1. Steel wire safety frame

Sawdust Blower

The sawdust blower leads an air jet to the saw blade. The air jet keeps sawdust from covering the cutting line during operation. The air flow can be switched on or off with the switch for the sawdust blower.

• Sawdust Blowing Level I:

Use low airstream when cutting in metals and when coolants/ lubricants are used.

• Sawdust Blowing Level II:

Use medium airstream when cutting in materials with low chip removal rate, e. g. hardwood.

• Sawdust Blowing Level III:

High airstream, for cuts in materials with high chip removal rate, e.g. soft wood, plastic, etc.

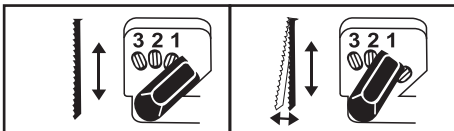


Selecting Orbital Action

CAUTION:

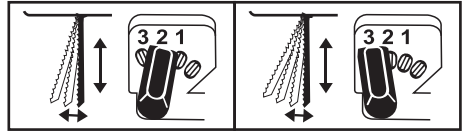
- Select the low orbital action setting (or switch it off) for a finer and cleaner cutting edge.
- Switch the orbital action off for cutting thin materials such as sheet metal.
- Select the low orbital action when cutting hard materials such as steel.
- Select high orbital action when cutting soft materials and when sawing in the direction of the grain.

The four orbital action settings of the tool allow optimum adaptation of cutting speed, cutting capacity and cutting pattern to the material being sawed. The orbital action can be adjusted in four steps with the blade orbit selector lever, and it also can be adjusted during operation.



■Step 0:
Low orbital action.

■Step 1:
No orbital action.



■Step 2:
Medium orbital action.

■Step 3:
High orbital action.

Cutting/Sawing Operation

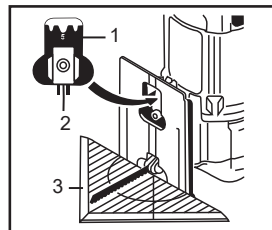
CAUTION:

- Always hold the tool with the base flush with the workpiece. Failure to do so may cause blade breakage, resulting in a serious injury.
- Advance the tool very slowly when cutting curves or scrolling. Forcing the tool may cause a slanted cutting surface and blade breakage.
- For tight curves, it is best to use a narrow saw blade. Switch on the tool without the blade making any contact with the workpiece and wait until the blade attains full speed. Then rest the base flat on the workpiece and gently move the tool forward along the previously marked cutting line.

Bevel Cutting

CAUTION:

- Always be sure that the tool is switched off and unplugged before tilting the base. Bevel cuts can be finished at any angle between 0°-45° (left or right) by tilting the base. To adjust the cutting angle, loosen the hex socket head screw and slightly slide the base towards the saw blade, then the base can be tilted to a maximum of 45° to the right or left. Tilt the base to the desired angle and retighten the hex socket head screw. The cutting angle can be pre-adjusted with the scale for bevel cutting. It is recommended to use a commercial protractor for precise adjustment.



1.Scale
2.Hex Socket Head Screw
3.Protractor

To achieve precise cutting angles, the base can be fitted at 0° and 45° (left and right). For this, however, the base must be pushed back (towards the motor) to the stop so that the notch in the base engages in the positioning pin. For cutting angles out of 0°-45° (left and right), adjust

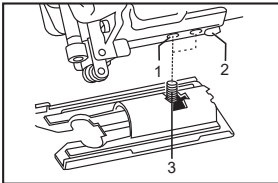
the angle with the scale for bevel cutting primarily and then use a set square or protractor to finish the adjustment.

When returning the base to the 0° (normal) position, lightly push the base toward the direction of the motor until it can be felt to engage, then retighten hex socket head screw.

Repositioning the Base

CAUTION:

- With the base set back, it is only possible to work in the 0° (normal) position. The guide rule as well as the splinter guard cannot be used in this position.
 - When tightening the screw, the base must be pressed to the rear until it can be felt to engage. For flush cuts close to edges, the base can be moved to the rear for easy operation.
- Use a hex wrench to remove the screw, take off the base and move it to the rear so that the screw can be screwed into the rear thread, and then tighten the screw to secure the base.



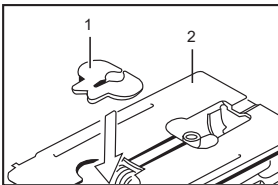
- 1.Thread
- 2.Position Pin
- 3.Screw

Splinter Guard

CAUTION:

- The splinter guard cannot be used for certain types of saw blades (e. g., set saw blades).
- The splinter guard cannot be used when making bevel cuts.

For splinter-free cuts, the splinter guard can be used. To install the splinter guard, simply press it into the base.



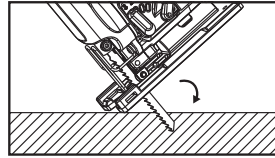
- 1.Splinter Guard
- 2.Base

Plunge Cutting

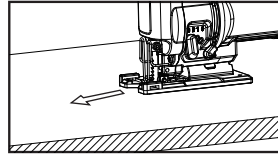
CAUTION:

- Apply plunge cutting only when working on soft materials, such as wood, aerated concrete, gypsum plaster boards, etc.!
- Use only short saw blade for plunge cutting.
- Pull out the saw blade only until it comes to a complete stop to avoid kickback when make a plunge cut.

Place the tool with the front edge of the base onto the workpiece and switch on. Firmly hold the tool against the workpiece while tilting the tool and slowly plunge the saw blade into the workpiece.



When the base fully lays on the surface, continue sawing along the cutting line.



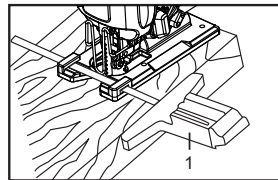
Metal Cutting

Always use a suitable coolant (cutting oil) when cutting metal or similar materials. Failure to do so will cause significant blade wear.

Guide Rule (optional accessory)

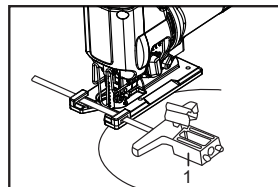
CAUTION:

- Always be sure that the tool is switched off and unplugged before installing or removing accessories. The combined circle cutter/parallel guide rule enables repeatedly cuts in a certain width conveniently. To install the guide rule, insert it into the rectangular hole on the side of the base. Slide the guide rule to the desired cutting width position.



- 1.Guide Rule

Certain radius circular cutouts can be made conveniently and repeatedly by using the combined circle cutter/parallel guide rule.



- 1.Guide Rule

With the combined circle cutter/parallel guide rule parallel cuts or circular cutouts in materials of up to 30 mm thickness can be made.

MAINTENANCE AND INSPECTION

CAUTION:

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

1. After Metal Cutting

When cutting metals under extreme working conditions, conductive dust can accumulate in the interior of the machine and impair its protective insulation. In such cases, it is recommended to use stationary dust extraction equipment, to blow out the ventilation slots frequently and to power the tool via a ground fault circuit interrupter.

2. Inspecting the Mounting Screws

Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious hazard.

3. Maintenance of the Motor

The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and /or wet with oil or water. Always keep the power tool and its ventilation slots clean.

4. Inspecting of the Blade Roller Guide

The blade roller guide should occasionally be checked for wear and lubricated with a drop of oil. If it is worn, it must be replaced.

5. Inspecting and Replacing Carbon Brushes

Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time and use only identical carbon brushes.

*Damaged cord must be replaced by a special cord purchased from authorized service center.

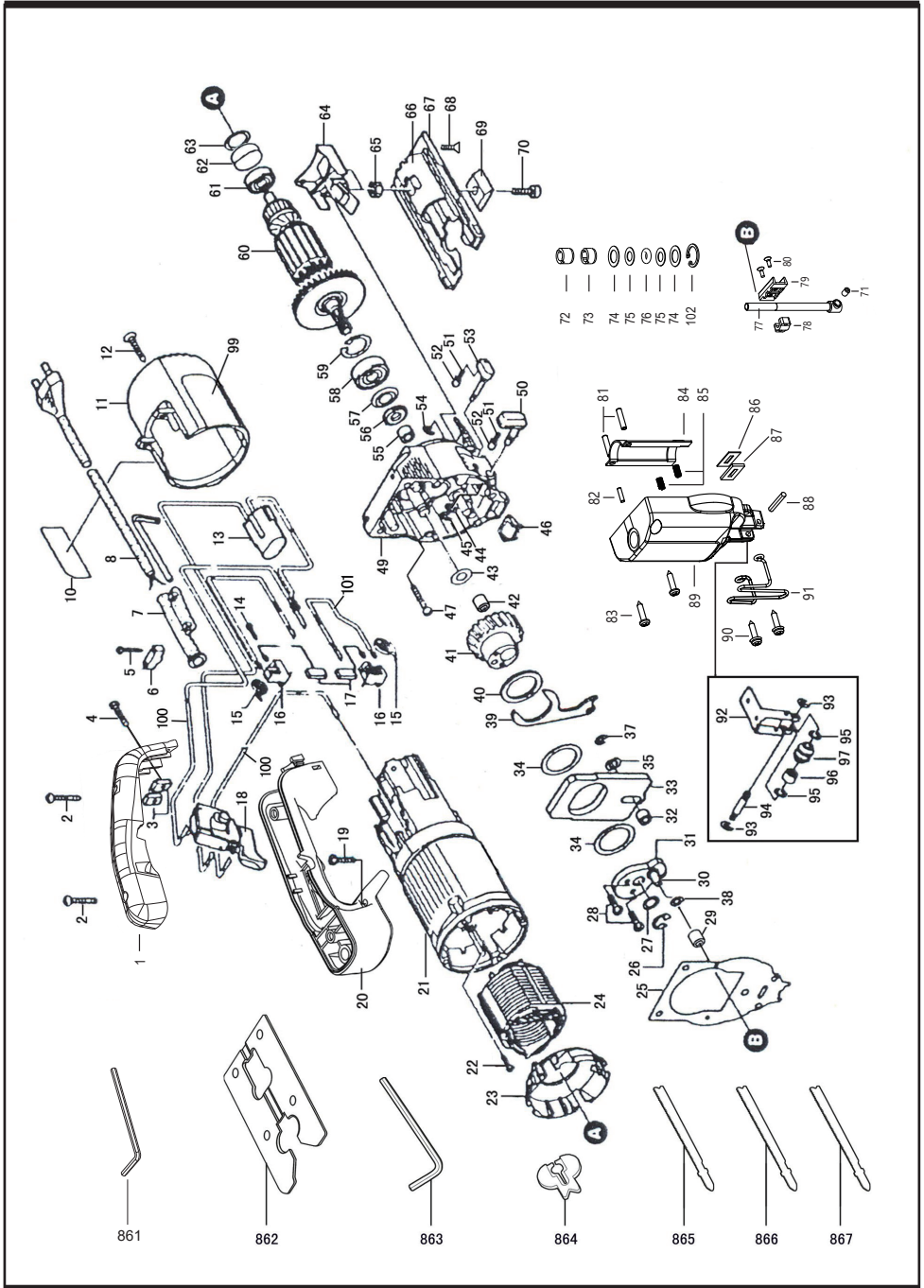
*To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by authorized centers, always using original replacement parts.

EXPLANATION OF GENERAL VIEW

1	Handle Cover	31	Eccentric Block
2	Pan Head Tapping Screw ST4.2×19	32	Sleeve
3	Nut	33	Balance Block
4	Pan Head Screw M4×20 (with Spring and Flat Washers)	34	Washer 29.1×39×0.5
5	Pan Head Tapping Screw ST4.2×16 (with Flat Washer)	35	Washer 6.2×15×0.5
6	Strain Relief	37	Grip Ring
7	Cord Guard	39	Shifter
8	Cord	40	Washer 27.2×34×1
10	Nameplate	41	Eccentric Gear
11	Rear Cover	42	Needle Bearing HK0910
12	Pan Head Tapping Screw ST4.2×19	43	Washer 10.3×18×0.5
13	Capacitor	44	Washer 6.2×11×0.5
14	Pan Head Tapping Screw ST2.9×9	45	Split Washer 6
15	Coil Spring	46	Blower Spigot
16	Carbon Brush Holder	47	Pan Head Tapping Screw ST4.2×25
17	Carbon Brush	49	Gear Housing
18	Trigger Switch	50	Blade Orbit Selector Lever
19	Pan Head Screw M5×18 (with Spring and Flat Washers)	51	Spring
20	Handle	52	Retaining Sleeve
21	Motor Housing	53	Switch for Sawdust Blower
22	Pan Head Tapping Screw ST3.5×9	54	Grip Ring 4
23	Baffle Plate	55	Sleeve
24	Stator	56	Felt Washer
25	Seal Pad	57	Seal Cover
26	Split Washer 7	58	Ball Bearing 609SS
27	Washer	59	Circlip for Hole 24
28	Pan Head Tapping Lock Screw M4×14	60	Armature Assembly
29	Needle and Retainer Assembly KZK697 and Bearing Ring	61	Ball Bearing 607ZZ
30	Pin	62	Rubber bearing sleeve

EXPLANATION OF GENERAL VIEW

63	Washer (14×22×0.6)	92	Guide Roller Retainer
64	Bracket	93	Split Washer 2
65	Hex Nut M6	94	Shaft
66	Aluminium Base	95	Washer
67	Inner Base	96	Needle Bearing SCE21/24
68	Cross Recessed Countersunk Head Screw M6×8	97	Guide Roller
69	Clamp Plate	99	Label
70	Hex Socket Head Screw M6×16	100	Short Wire 235
71	Hex Socket Head Screw M10×10	101	Inductance
72	Oil-Retaining Bearing	102	Circlip for Hole
73	Oil-Retaining Bearing	861	Hex Wrench (3mm)
74	Washer	862	Plastic Base
75	Washer	863	Hex Wrench (5mm)
76	O Ring	864	Blade Gauge
77	Stroke Rod	865	Saw Blade(T118A)
78	Slide Support	866	Saw Blade(T114D)
79	Slide Groove	867	Saw Blade(T111C)
80	Cross Recessed Countersunk Head Screw M3.5×10		
81	Stretch Pin		
82	Positioning Pin		
83	Pan Head Tapping Lock Screw M4×14		
84	Guide Plate		
85	Spring		
86	Shim		
87	Oil Felt		
88	Pin		
89	Gear Housing Cover		
90	Pan Head Screw M4×20 (with Spring and Flat Washers)		
91	Steel wire safety frame		



INNOVATION
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sales@gazelleindustrial.com | www.gazelleindustrial.com