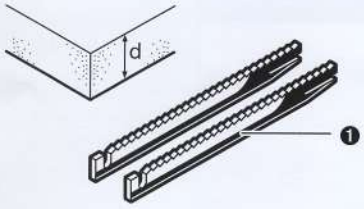
MAQ. CONTE LATEX / ESPUMA
MX-550
* CONTE ESPUMA *

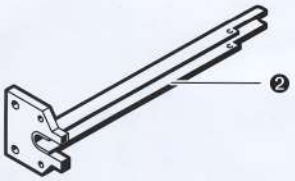
Latex Cutting Machine

us Original operating instructions



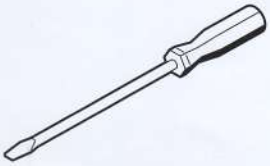
❶ 2 607 018 013 (d< 70 mm)
❷ 2 608 135 023

❶ 2 607 018 010 (d< 130 mm)
❷ 2 608 135 020

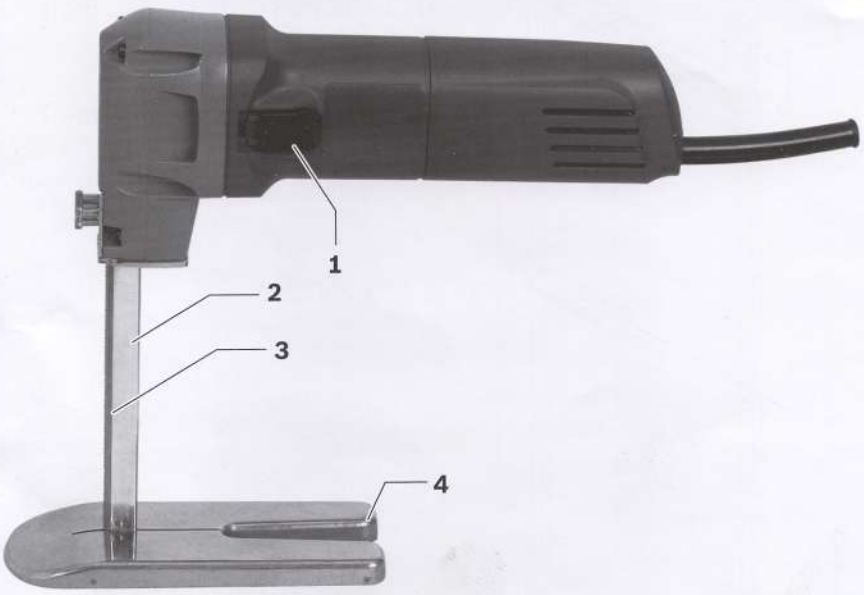


❶ 2 607 018 011 (d< 200 mm)
❷ 2 608 135 021

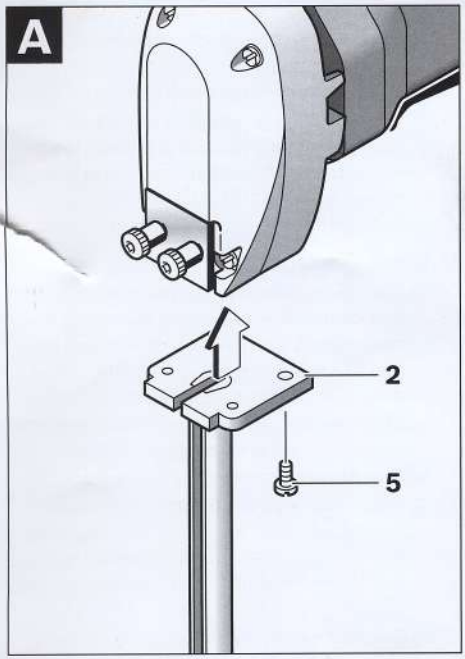
❶ 2 607 018 012 (d< 300 mm)
❷ 2 608 135 022

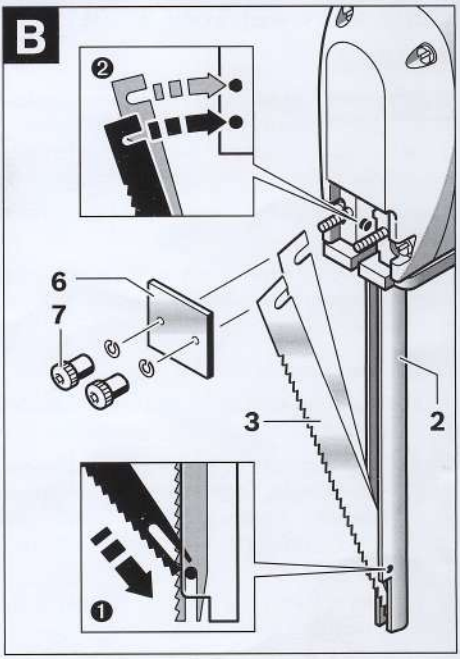


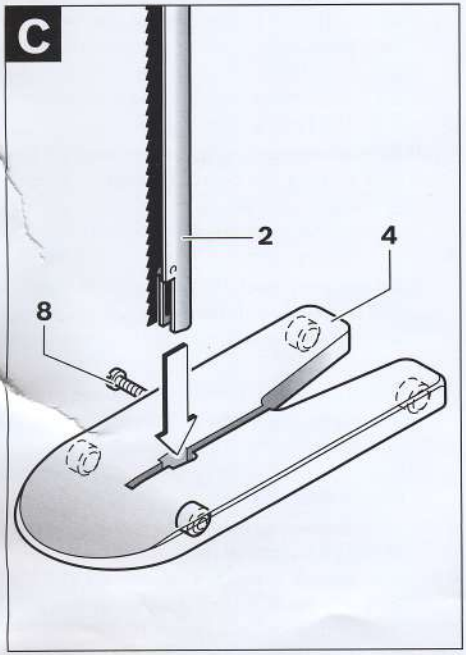
1 609 200 265



Latex Cutting Machine


A
2
5


B
2
6
7
3
2
1


C
2
4
8

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.

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 any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce the 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 tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) or an earth leakage circuit breaker (ELCB).** Use of a GFCI or an ELCB 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 dusk 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 energizing power tools that have the switch on invites accidents.
   d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key that is 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 jewelry. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, 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.

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 is designed.

b) **Do not use the power tool if the 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, 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.

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.

Power Tool-specific Safety Warnings

- **Keep hands away from the sawing range. Do not reach under the workpiece.** Contact with the saw blade can lead to injuries.
- **Do not use the power tool with a damaged cord. Do not touch the damaged cord and pull the plug from the outlet when the cord is damaged while working.** Damaged cords increase the risk of an electric shock.

Functional Description

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

While reading the operating instructions, unfold the graphics page for the tool and leave it open.

Intended Use

The machine is intended for the cutting of flexible foamed materials made of plastic, rubber or similar materials.

Product Features

The numbering of the product features refers to the illustration of the power tool on the graphics page.

1 On/Off switch
2 Saw blade guide*
3 Saw blade pair*
4 Base plate
5 Screw
6 Cover plate
7 Knurled screw
8 Tensioning screw for base plate

***The accessories illustrated or described are not included as standard delivery.**

Technical Data

Foam rubber cutter Latex Cutting Machine		
Article number		
input power	W	350
Output power	W	140
Stroke rate at no load n_0	spm	3200
Stroke speed under load	spm	2100
Cutting capacity, max.	mm	300
Weight according to EP-TA-Procedure 01/2003	kg	1.6
Protection class		■/II

The values given are valid for nominal voltages [U] of 230/240 V. For lower voltages and models for specific countries, these values can vary.

Please observe the article number on the type plate of your power tool. The trade names of individual tools may vary.

Assembly

▶ **Before any work on the power tool itself, pull the mains plug.**

Mounting the Saw Blade Guide (see figure A)

Remove the screws **5** from the housing. Attach the saw blade guide **2** onto the housing in such a manner that the mounting pins engage into the corresponding holes and secure with the screws **5**.

Inserting/Replacing Saw Blades (see figure B)

▶ **When mounting the saw blade, wear protective gloves.** Danger of injury when touching the saw blade.

Loosen and remove the knurled screws **7** together with the spring washers and the cover plate **6**.

❶ Firstly, insert the saw blade pair **3** into the bottom of the saw blade guide **2**, paying attention that the longitudinal grooves of the saw blades engage into the guide pin of the saw blade guide.

❷ Secondly, locate the top of the saw blade pair **3** onto the drive tappets, ensuring that the saw blades are properly seated in the saw blade guide.

Place the cover plate **6** onto the set screws on the housing and secure them with the knurled screws **7**, ensuring that the spring washers have also been mounted.

Mounting the Base Plate (see figure C)

Insert the saw blade guide **2** into the corresponding notch on the base plate **4**. Tighten the tensioning screw **8**.

Dust/Chip Extraction

▶ Dusts from materials such as lead-containing coatings, some wood types, minerals and metal can be harmful to one's health. Touching or breathing-in the dusts can cause allergic reactions and/or lead to respiratory infections of the user or bystanders.
Certain dusts, such as oak or beech dust, are considered as carcinogenic, especially in connection with wood-treatment additives (chromate, wood preservative). Materials containing asbestos may only be worked by specialists.

- Use dust extraction whenever possible.
- Provide for good ventilation of the working place.
- It is recommended to wear a P2 filter-class respirator.

Observe the relevant regulations in your country for the materials to be worked.

Operation

Starting Operation

- **Observe correct mains voltage! The voltage of the power source must agree with the voltage specified on the type plate of the power tool.**

Switching On and Off

To **start** the power tool, press the On/Off switch **1** and keep it pressed.

To **lock** the pressed On/Off switch **1**, slide the On/Off switch **1** toward the rear.

To **switch off** the power tool, release the On/Off switch **1**, or when it is locked, briefly press the On/Off switch **1** and then release it.

Working Instructions

Saw Blades and Saw Blade Guides

Depending on the material thickness to be worked, various saw blade guides and the corresponding saw blades can be used. See the Accessories Overview for more details.

Base Plate

The foam rubber cutter can be used with or without the base plate. The base plate is equipped with rollers, and allows for easy and right-angled guidance of the cutter.
For cutting random forms and for cutouts, it is recommended to work without the base plate.

Cutting Foam

For precise cuts, especially with soft foams and similar materials, work only with moderate feed. To not press the material together or squeeze it apart too excessively while working.

Dismount the base plate for smaller cutouts. Puncture the material using a knife or a pair of scissors, then insert the saw blade guide into the opening und work the cutout.

For larger cutouts, select an entry opening large enough to insert the saw blade guide with the mounted base plate. Pay attention that no obstacles are on the bottom of the material. Guide the power tool with moderate pressure alongside the cutout line.

Maintenance and Service

Maintenance and Cleaning

- **Before any work on the power tool itself, pull the mains plug.**
- **For safe and proper working, always keep the power tool and the ventilation slots clean.**

The saw blade guide and the saw blades at regular intervals, approx. after 8 hours of operation. Remove the saw blades from the power tool for this and preferably clean the saw blades with petrol. If required, use a scraper to clean the saw blade guide. Apply a light coat of oil onto the saw blade guide before assembling new or resharpened saw blades.

If the power tool should fail despite the care taken in manufacturing and testing procedures, repair should be carried out by an after-sales service center for Bosch power tools.

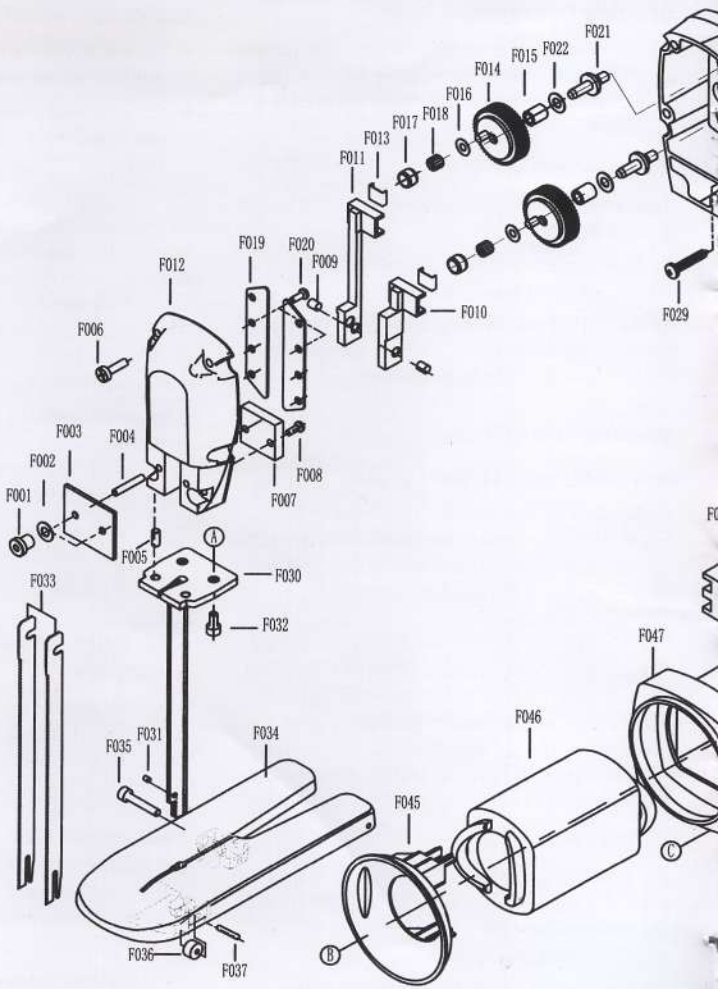
In all correspondence and spare parts orders, please always include the 10-digit article number given on the type plate of the power tool.

After-sales Service and Customer Assistance

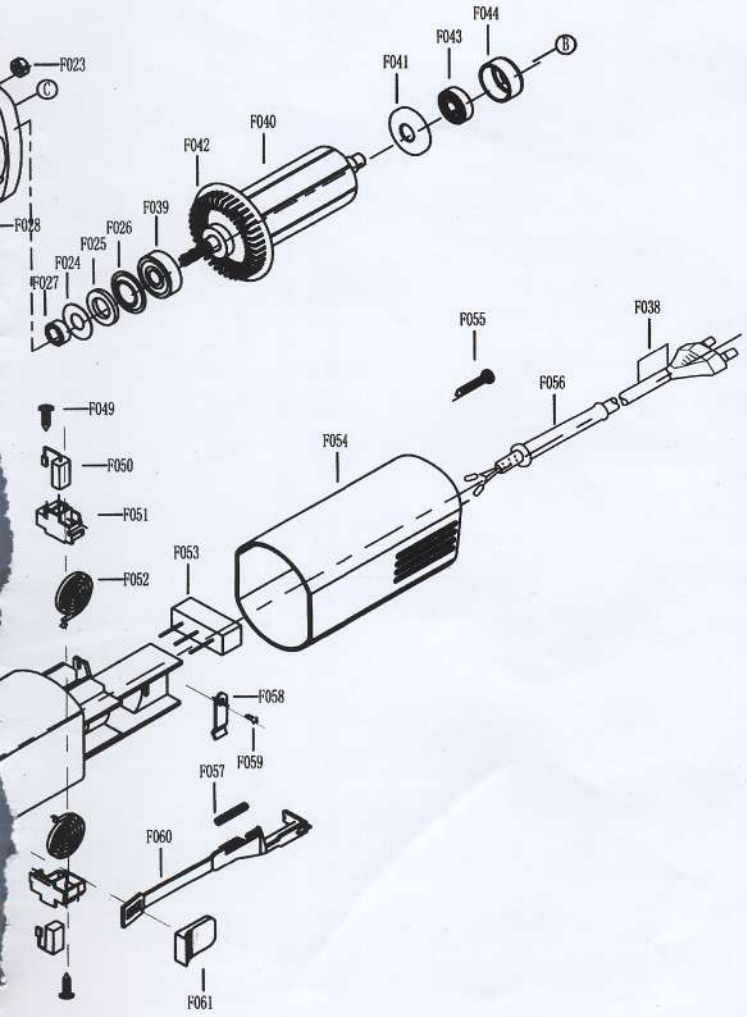
Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under:
www.kaixuan.com
Our customer consultants answer your questions concerning best buy, application and adjustment of products and accessories.

In case of a claim, repair or purchase of replacement parts or in case of queries or other problems, please contact your local dealer or Bosch representative.

Exploded View



No.	Description	qt	No.	Description	qt	No.	Description	qt	No.	Description
F001	Hand rotating nut	2	F009	Blade positioning pin	2	F017	Needle Roller Bushing	2	F025	Wool Felt Oil mat
F002	Gasket	2	F010	short sliding pin	1	F018	Needle Roller	22	F026	Front bearing bowl gasket
F003	Ram pressure	1	F011	long sliding pin	1	F019	Guide plate	2	F027	Front bush
F004	Double-headed screws	2	F012	Front panel	1	F020	Guide plate screws	8	F028	Front cover
F005	Front panel positioning pin	2	F013	Needle roller Bushing baffle	2	F021	Transmission shaft	2	F029	Front cover fixing screws
F006	Front panel fixing screw	4	F014	Gear	2	F022	Transmission shaft gasket	2	F030	Column
F007	Ram plate	1	F015	Roller frame bearing	2	F023	Transmission shaft nut	2	F031	Column clamp pin
F008	Ram plate fixing screw	2	F016	Needle roller bearings gasket	2	F024	Front bushing gasket	1	F032	Column fixing screws



No.	Description	qt
F033	Right and left blade	1
F034	Chassis	1
F035	Chassis locking screw	1
F036	Wheel	4
F037	Wheel pin	4
F038	Plug with Wire	1
F039	Bearing	1
F0	Motor rotor	1

No.	Description	qt
F041	Dustproof rubber ring	1
F042	Fan	1
F043	Bearing	1
F044	Bearing rubber sleeve	1
F045	Fan cover	1
F046	Motor stator	1
F047	Stator shell	1
F048	Switch	1

No.	Description	qt
F049	Carbon brush Bracket Fixing screws	2
F050	Carbon brush	2
F051	Carbon brush Bracket	2
F052	Carbon brush spring	2
F053	Capacitor	1
F054	Motor back cover	1
F055	Motor back cover fixing screw	1
F056	Rubber guard line pipe	1

No.	Description	qt
F057	Switch return spring	1
F058	Wire plate	1
F059	Wire plate screw	1
F060	Switch Rod	1
F061	Key of "ON/OFF"	1