

GPMAX
PRECISION

ROTARY RESIZER FOR 9mm and .40S&W



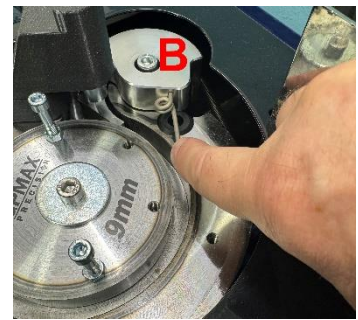
Congratulations on purchasing the GpMax Case Resizer, a high-quality machine designed and manufactured for a service life of millions of cases.

The stator and rotor, the main parts of the Resizer, are machined from solid steel using CNC mills and lathes, utilizing carbon-alloy steels, then heat-treated and ground for absolute precision, down to a hundredth of a millimeter.

The Resizer is currently produced for two calibers: 9mm and .40S&W.

ROTOR REPLACEMENT FOR CALIBER CHANGE:

- Unscrew the M8 screw located at the center of the rotor and manually remove the rotor (A) by pulling upwards. If necessary, manually move the actuator spring (B).



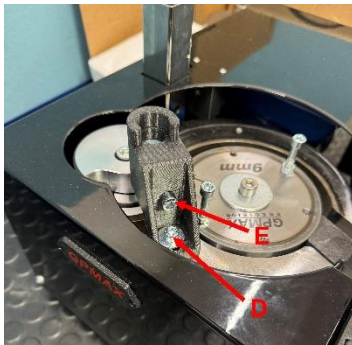
- Insert the new rotor, ensuring that the key (C) is in place.



- Tighten the central M8 screw with its washer; it does not need to be over-tightened.

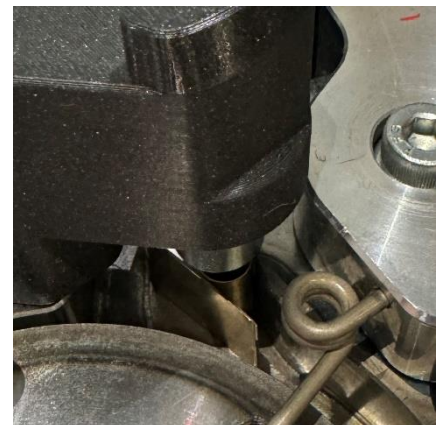
- Unscrew the M6 screw (D) from the Case Receiver and replace the metal tube inside. To remove it, simply loosen the horizontal M6 screw (E).

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- Once the corresponding tube for the rotor caliber is inserted, secure it with the horizontal screw, no need to tighten too much.
- Position the Case Receiver and secure it with the vertical M6 screw, making sure to include the 6x18 washer.

- At this point, the last two adjustments need to be made: insert two or three cases into the receiver and center it properly, so that the case falls in front of the case-pusher arm. Tighten the vertical M6 screw to lock it in the chosen position.



- Check that the metal tube is positioned at the correct height to allow the case to pass through. For 9mm, it is recommended to adjust it to a height of 24mm, in case a 380SA caliber (9x23) case enters.

The GpMax Rotating Resizer is supplied complete with a 9mm caliber rotor and a steel support bracket for the Electric Case Feeder.

The Electric Case Feeder is not included and must be purchased separately.

HOURLY PRODUCTION SETTING:

The GpMax Resizer does not have a rotation speed adjustment, but based on the screws placed on the rotor, you can choose the number of case-pusher movements, and thus the number of cases processed per rotor rotation.

If only one screw is used on the rotor, one case will be processed per rotor turn (15 turns per minute, so $15 \times 60 = 900$ cases per hour).

Up to 6 screws can be installed on the rotor for a maximum production of 5400 cases/hour. It is obviously pointless to install all the screws if the Case Feeder cannot supply such a high quantity.

Adjustments should be made based on the hourly production capacity of the Case Feeder.

Let's consider a practical example with GpMax Case Feeders:

- Mini 220V Case Feeder: Average hourly production of 2400 cases
- XL Case Feeder: Average hourly production of 3200 cases

With the XL model, 3 screws can be installed on the rotor.

It is advisable to space the screws on the rotor as far apart as possible, e.g., 2 screws facing each other, 3 screws in a triangular pattern, etc.



PREPARATION AND STARTUP:

Through the hole at the back, using a 6mm hex key, unscrew the M8x20 screw that locks the steel support for the Case Feeder.

After positioning the supplied tube, tighten it slightly; the correct positioning will be done later.



Install the Case Feeder, ensuring that the case exit aligns vertically with the Resizer's case input.

Loosening the M8x20 screw allows you to rotate and/or adjust the height of the steel support, ensuring that the Case Feeder exit is vertically aligned with the Resizer case input.

Install the transparent tube to connect the Case Feeder to the Resizer.

The GpMax Resizer comes with a power cable with an Italian plug, but a cable with any terminal plug can be easily sourced.

The power socket tray has an illuminated switch and a slot for a 5x20mm fuse, 220V, 5A.

There is a spare fuse inside the compartment.

STARTING THE MACHINE:

After connecting the power cable and pressing the switch, the switch will light up and the Resizer will begin rotating.

If the switch doesn't light up and the motor doesn't turn, check that the transparent top cover is properly closed, as it has a safety micro-switch that immediately stops the machine if opened intentionally or accidentally.

At this point, the GpMax Rotating Resizer is operating and ready to receive and process cases from the Case Feeder.

It is recommended to fill the transparent tube connecting the Case Feeder to the Resizer completely before turning it on. This will help check whether the screws on the rotor (see page 5) are in the correct quantity.

CLEANING AND MAINTENANCE:

The GpMax Rotating Resizer requires minimal maintenance, but it is important to keep the rotor and stator free of dust and small foreign objects that might enter from the Case Feeder.

During cleaning, even though the opening of the top glass interrupts the power, it is **essential** to disconnect the power cable from the Resizer.

Do not insert fingers or objects into the case input or output areas without first turning off the machine and disconnecting the power cable.

The motor is extremely powerful, and the consequences could be severe.

IMPORTANT:

For maximum durability of the dies (Rotor and Stator), it is essential to insert cases only after thorough cleaning.

Dust, sand, and foreign objects not only damage the processed cases but could also cause abnormal wear on the dies, shortening their service life.