

UNILOY PLATEN EXCHANGE PROGRAM

Do you want to increase the productivity of your machine while minimizing your down time?



Uniloy is offering a platen exchange program for Reciprocating Screw machines. The key to this exchange program is that Uniloy has refurbished platens for most clamp sizes in stock and ready for shipment. Refurbished platens can be sent to you ready for install, minimizing machine down time.

Normal wear and tear on a set of platens causes decreased clamp effectiveness. Mold mounting surfaces become damaged, mounting holes get stripped out, and waterlines get plugged reducing cooling efficiency. Platens will, after a few years, warp and conform to the shape of the back of existing molds. This permanent deformation is noticeable when you either install new molds or have your existing molds refurbished. Uniloy recommends platens be refurbished periodically to optimize overall clamp functionality.

The benefits of this program are:

- Downtime is reduced because waiting for your platens to be refurbished is eliminated.
- Platens will be flat and clean.
- Corrosion resistance through plating is achieved.
- Mold installation becomes easier and quicker.
- Adding ribs to platens leads to stiffer, more consistent operation.
- Heavy bolster plates can be eliminated.

Here is how the program works:

- 1.) Find the Uniloy Model and Serial Number of your machine. This information will be used to verify if the platens in this program will suit your specific machine.
- 2.) Call your Uniloy Parts Sales Representative. You can do the rest of the steps together!
- 3.) Confirm the clamp size. Remember, the horizontal dimension is measured between the inside of the tie bars.
- 4.) Determine the configuration of your current platens: Are there ribs? Are there bolster plates? What is the number of heads? What is the head center distance? What is tie bar size(s)? Does the center platen have a keyway?
- 5.) Compare your current platens to the Uniloy Standard Configurations listed below. Your price will be based on how much work will be required to upgrade your current platens, which will be exchanged, to the Uniloy Standard.
- 6.) Your Uniloy Parts Representative now has enough information to quote your program price. Please note that there will be a deposit (core charge) included. This deposit (core charge) will be credited back upon receipt of your current platens at Uniloy and verification of their original configuration.
- 7.) You place your order, we ship your replacement platens, the platens are installed, and you send your old platens back to Uniloy.

Please note, some of the original platen configurations did not have ribs in some instances. Uniloy has decided to standardize on ribs as noted below. If you decide you do not want ribs you will have to send in your platens to be refurbished and you will not be able to participate in the exchange program. Also, Uniloy will not exchange for Non-Uniloy parts.

The following services are standard with this program:

- Platen Exchange
- Hard Turn, Clean Water Lines, Clean Existing Holes and Repaint Platens
- Add Ribs to Platens – as per the Standard Configuration List
- Drill and Tap New Mold Mounting Holes
- Plate Mold Mounting Surfaces
- Cut Keyway in Center Platen

Note: We can also upgrade your Light Duty 15x27 Double to a Heavy Duty 15x27 Double. (This requires center tie bars, tie bar nuts and center tie bar bushings to be changed. Rear platens will need to be either exchanged or refurbished to have the center holes bored out).

Uniloy Standard Configurations

Platen Size	Ribbed Front	Ribbed Center	Ribbed Rear	Center Keyway	Drilled pattern
15 X 25	Yes	No	No	Yes	4hd. x 6.125"
15 X 34	Yes	No	No	Yes	4hd. x 8"
15 X 38	Yes	No	Yes	Yes	6hd. x 6.125"
15 X 44	Yes	No	No	Yes	4hd x 10.125"
15 X 27 double light duty	Yes	No	No	Yes	6hd. x 8"
15 X 27 double heavy duty	Yes	No	Yes	Yes	6hd. x 8"
15 X 28.5	Yes	Yes	Yes	Yes	6hd x 8"

Current Uniloy Platen Stock Combinations

These are the platens we currently have in our exchange program

Platen Size	Front	Center	Rear
15 X 25	Yes	Yes	No
15 X 34	Yes	Yes	No
15 X 38	Yes	Yes	Yes
15 X 44	Yes	Yes	No
15 X 27 double light duty	Yes	Yes	Yes
15 X 27 double heavy duty	Yes	Yes	Yes
15 X 28.5 double	Yes	Yes	Yes

How the services equate to the benefits

- 1.) The basic service required is to hard turn, clean water lines, clean out existing holes and repaint. This creates a flat, clean surface to facilitate mounting your molds.
- 2.) The Platen Exchange service reduces downtime because only the time required to remove existing platens and install the exchange platens is lost. All of our Platen R&R services are available without the exchange aspect if desired.
- 3.) Plating mold mounting surfaces adds a hard surface material that resists corrosion from foreign bodies.
- 4.) Cutting a keyway in the center platen that matches the keyway on the mold back plate helps with mold alignment while installing the molds.

- 5.) Adding ribs to the platens and upgrading the 15 X 27 platens adds stiffness to the platens and consistency to your molding process.
- 6.) Drilling and tapping the platens to accept direct mold mounting allows you to eliminate bolster plates which reduces the weight and stress of opening and closing the platens. One more tolerance stack up dimension is also eliminated.

Sales and Service and Engineering

Please contact your Uniloy Parts Representative for more information. Trained Uniloy Service Technicians are available to help you with the installation aspect of this program.