

~ Contributing to the Environment through Repair ~
“Screw regeneration service”

This time, we would like to introduce our service menu, "Screw Regeneration service" which was exhibited at IPF Japan 2023 (International Plastics Fair) held at Makuhari Messe from November 28 thru December 2, 2023.

➤ **What is “Screw regeneration service”?**

• This is a refurbishment service that effectively restores the molding capacity and extends the life of used screws.

➤ **Effects of “Screw regeneration”**

• Regular inspections and appropriate measures leads to preventive maintenance of screws and stable production.

• Reduces screw disposal (industrial waste) and the reuse of screws contributes to the formation of a recycling-oriented society.

➤ **Overview of “Screw regeneration service”**

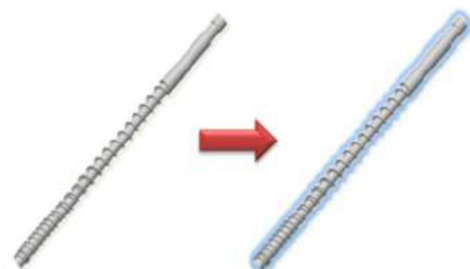
• Check the screw condition (wears and scratches).

• If there are no major wears or scratches, we remove adhered materials such as oxide layer and carbide deposits caused by screw burns.

• If the screw flights are slightly worn or have surface roughness, we repair the tops of the flights with thick plating or metal spraying to restore the flight height.



【Screw regeneration by cleaning】



【Screw regeneration by surface treatment】



➤ **Process Flow of "Screw regeneration service"**

Step 1	Step 2	Step 3	Step 4	Step 5
Contact	Inspection/ Diagnosis	Determination of regeneration method	Implementation of regeneration • Cleaning • Coating	Completion of screw regeneration

<Note>
 Estimates may not be possible depending on wear conditions and specifications of screw.
 For accurate quotation, our inspection and diagnosis are required.

For more information about "Screw regeneration service",
 Please feel free to contact us.

In addition to "Screw regeneration service" introduced here, we offer a wide variety of other menu items. If you have any questions or concerns, please feel free to contact our offices or service centers.
 You can also contact us through the "Contact Us" page on our website.

Contact

If you have any questions regarding this content, please click on " CONTACT " in the upper right corner of our website below.

UBE Machinery Corporation Website address: <https://www.ubemachinery.co.jp/english/>