



**Die casting
remanufacturing.**
Protect your investment.

Customer Service Die Casting.

Reset your production clock to zero.

Working from our dedicated centers in Brescia (Italy), Wuxi (China) or Holland, MI (USA), we can overhaul your entire die-casting machine, or carry out a partial remanufacturing.

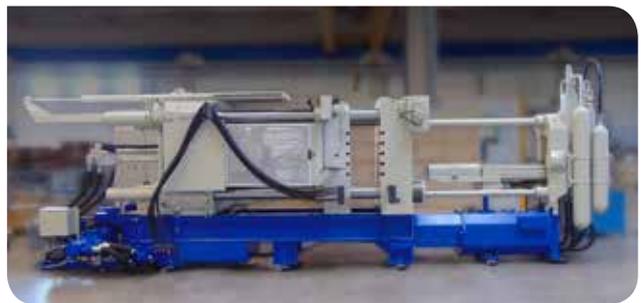
Remanufacturing can include software updates, control system upgrades, an overhaul of electric, mechanical or machine components or an expansion of functionality. Upgrading can give you greater operational flexibility and ensure that your machine is ready for the digital age.

Using approved OEM parts means you can rely on long-term availability of spare parts and professional Bühler support for years to come.

Our experts are happy to discuss your individual needs and to define a solution tailored to your process and product challenges.

Benefits for your foundry

- **Profitability** – savings of up to 30 % in comparison with an investment in new machines
- **Productivity** – after the remanufacturing, your equipment is running again with a stable process and produces parts of repeatable quality
- **Ready for the digital age** – introducing the latest control and automation updates for improved planning, operation and management
- **Sustainability** – full documentation of remanufacturing and long-term availability of spare parts



Remanufacturing options for your Bühler die-casting machines.

Scope of service	Partial remanufacturing: Closing unit	Partial remanufacturing: Injection unit	Partial remanufacturing: Drive unit	Partial remanufacturing: Upgrade	Full remanufacturing
Surface milling of die mounting platens	✓				✓
Reworking of T-grooves, recesses for shot sleeve holder, ejector hole pattern, etc.	✓				✓
Reconditioning of die closing and ejector cylinders	✓				✓
Reworking of mechanical joint system as required	✓			✓	✓
Reconditioning of the central lubrication system	✓			✓	✓
Replacement of defective parts by genuine spare parts	✓	✓	✓	✓	✓
Maintenance of reusable components	✓	✓	✓	✓	✓
Cleaning and performance checking of all components	✓	✓	✓	✓	✓
New coat of paint	✓	✓	✓	✓	✓
Performance checking of the die closing unit before delivery	✓				✓
Reconditioning of the injection unit (cylinders, pressure intensifier, etc.)		✓			✓
Reconditioning of the machine bed (reworking and alignment)	✓	✓			✓
Reconditioning of the drive unit			✓		✓
DataView control system				✓	✓
Extension of the tie bar guides	optional			optional	optional
Conversion of fixed joint pins to floating joint pins	optional			optional	optional
Armor-plating of the die mounting platens	optional			optional	optional

Delivery times / system downtime of the cell.

The required delivery times and downtime of your cell depend upon the machine size and scope of services required.

Warranty.

Each fully remanufactured machine comes with 12 months warranty on new components, starting on readiness for delivery.

To ensure fast and smooth final assembly of the machine on site and resumption of production, we recommend you to engage our specialist start-up engineers.

Bühler Brescia

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