



## Die casting remanufacturing centers. **Protecting your investment.**

**Partial and full revisions to extend the life of your machines.**

### **Improve your operating reliability and productivity.**

Remanufacturing your die-casting machine can reset the production clock of your old machine to zero.

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

Remanufacturing can include software updates, control system upgrades, electrical, mechanical or machine components, and expanded functionality. We can also tailor your solution to meet any individual process and product challenges you may have.

Upgrading can give you greater operational flexibility and ensure that your machine is ready for intelligent digital cell solutions. Using approved OEM parts means you can rely on long-term availability of spare parts and professional Bühler support for years to come.

### **Benefits for your foundry**

- **Profitability** – savings of up to 50% in comparison with investment in new machines
- **Availability** – improving uptime for your cell
- **Productivity** – enabling you to produce more with the same original machine
- **Quality** – helping you to achieve better, more consistent casting quality
- **Flexibility** – introducing the latest control and automation updates for improved planning, operation and management
- **Traceability** – with full documentation and long-term availability of spare parts
- **Support** – with a global service network and remote support available 24/7, anywhere in world

## Remanufacturing options for your Bühler die-casting machines.

	Reconditioning of joints	Mechanical reconditioning	General overhaul
<b>Scope of revision services</b>			
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		✓	✓
Datanet_R 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.

### 12 months warranty.

We offer 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 use our specialist start-up engineers.

#### Bühler Brescia

Die Casting  
T +39 030 258 28 52  
F +39 030 258 33 44

25081 Bedizzole (BS) – Italy  
buhler.brescia@buhlergroup.com  
www.buhlergroup.com/die-casting/retrofit

