



# IC8/350 F400 PLC

Injected-centrifuge casting unit with 8 stations for metal casting in silicone rubber moulds.



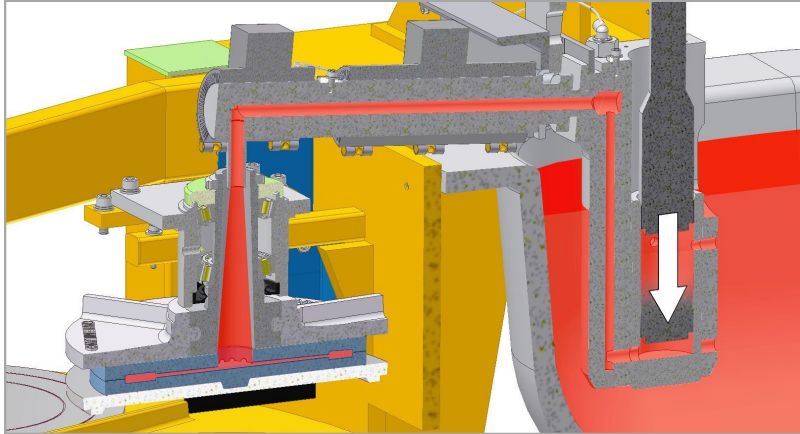
This is the highest performing system for rubber centrifuge casting.

It is therefore the best that can be used in large-scale productions, for both quality of casting and level of automation.



The **IC8/350 F400** metal injection casting unit is the most important system for centrifuge casting in silicone rubber moulds.

Thank to the injected metal and the rotating table with 8 mould-holding stations, this system is the best that can be used for large-scale productions, for both **quality of casting, productivity and degree of automation**.



### Patented technology:

#### Metal injection

The special injection system takes the cast metal from the centre of the crucible, where there is no waste. The metal is then **injected** into the rapidly rotating mould and without suffering thermal shock.

### The main advantages

#### > Top Quality

The metal thrust of the piston acts on the metal differently than traditional casting by gravity. You will achieve more compact casting and improved surfaces.

#### > Energy saving

The metal is thrust into the mould more rapidly by the piston action; it also runs along an entirely heated pipe. Temperature does not dissipate until the metal has reached the mould. You can therefore lower the temperature of use for the crucible.

#### > Faster work cycles

The thrust provided by the piston will allow the metal to fill every part of the moulds, also using less fluid: you can keep the temperature of the metal lower, which will cool after filling the mould, reducing centrifugation time. Also, the thermal aggression on the rubber surface will be lower and your moulds will thus last longer.





## > Reduction of downtime during production cycle

By using a touch-screen interface you can programme various menus, made up of the five main work parameters:

- **Rotation speed of mould**
- **Pressure to be applied to the mould**
- **Centrifugation time (for cooling metal)**



The casting unit set up in this way is ready to be used autonomously, controlling each production cycle operation.

By choosing one of the previously configured menus, the pre-set work programme will start up automatically, which will autonomously manage all the casting parameters.

All you will need to do is remove the casts from the moulds, that will be presented to you on plates on the eight-station table.

## Technical specifications

|                            |                      |                   |
|----------------------------|----------------------|-------------------|
| Available stations         | Nr.                  | 8                 |
| Maximum diameter of moulds | mm<br>in             | 350<br>14         |
| Crucible capacity          | Litres<br>Kg zamak   | 58.5<br>386       |
| Power                      | Kw                   | 25                |
| Voltage                    | V 3~                 | 380               |
| Frequency                  | Hz                   | 50/60             |
| Dimensions                 | W cm<br>D cm<br>H cm | 260<br>141<br>215 |
| Weight                     | Kg                   | 1400              |





From our foundation in 1969 in Milan, we are today one of the world's references for the spin casting of zinc or tin alloys.

We design and ship worldwide:

- systems for producing and decorating small metal parts in zinc or tin alloy
- silicone rubber for creating better moulds for centrifugal casting

With our products you can:

- reproduce several items such as buckles, fashion accessories, buttons and many others in metal or resin
- decorate and enamel your products with coloured epoxy resins, to achieve various effects thanks to the many hardeners available.



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