



The FUTURE of die casting is **HERE**

“We want to make the largest single piece castings in the world”. Riccardo Ferrario had this clear goal in mind, when he first thought about **GIGAPRESS**, a visionary project to overcome the limits of traditional die casting press market. The ‘mission impossible’ took 4 years of R&D, a talented team of excellent professionals in different fields, a total commitment and a strong perseverance to succeeding.

And now the future of die casting is here.

GIGAPRESS by IDRA Srl - going from 6100 to 9000 tons and counting - opens a new era in die-casting ‘Giga’ solutions.

With many machines in full effect all over the world and many orders received by Idra Group, **GIGAPRESS** is already a huge success, a revolution that is changing the world of automotive and die casting machines forever.

“Giga Press is a thing that hopefully changes the world of automotive and it will definitely change the world of die casting machines forever”.

Ing. Riccardo Ferrario

New Injection Series 5S®

- Closed loop regenerative injection with aux servo pump for efficient recharge
- Extended velocity control valve life by balance of hydraulic forces
- High dynamic force necessary to fill difficult castings
- Maintaining same final pressure requirement for porosity in power train castings

New Guarding System

- Good looking Italian style
- Reducing complex electrical parts and stops
- Simplified assembly of the system with modular scalable construction
- Increased safety requirements for access while machine is running
- Reduced emissions from the die casting process

Cell controller Integration

- A more efficient way of managing the software requirements for complicated cells.
- Standard DCM software avoids instability and unnecessary stops
- Flexibility and customization for many different configurations
- Easy integration with the best in market products

