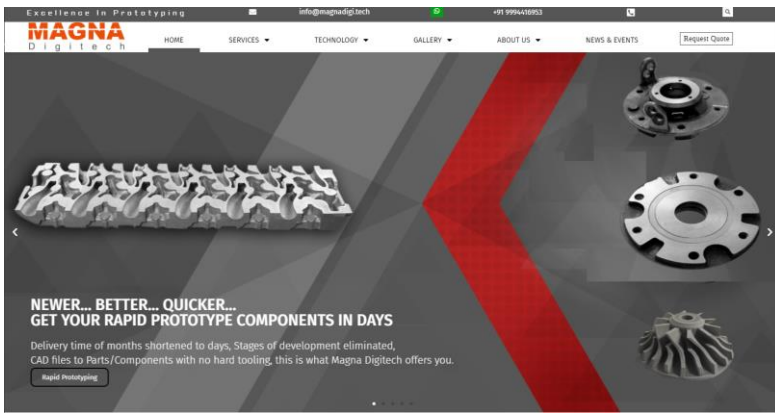


## See better than ever before how **MAGNA DIGITECH** can help you – WEBSITE REVAMPED



It's been busy few months here and we are very excited to announce the launch of our revamped website for the recent expansion in our scope of Prototyping Services with the **Direct Metal Printer** from **Desktop Metal™ USA**.

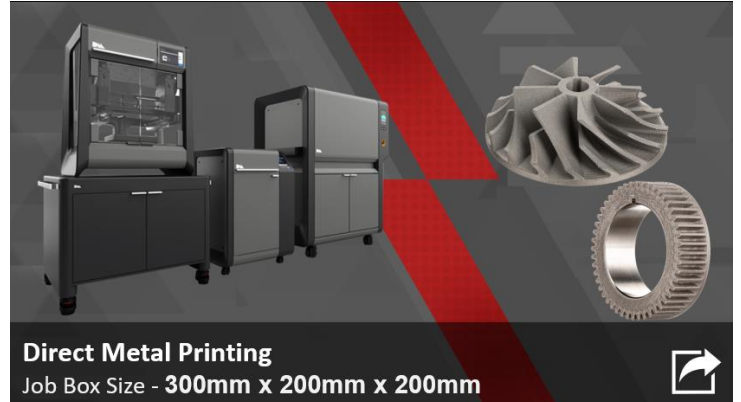
Please feel free to go through our updated website and below is the summary of services we provide.

### Direct Metal Printing

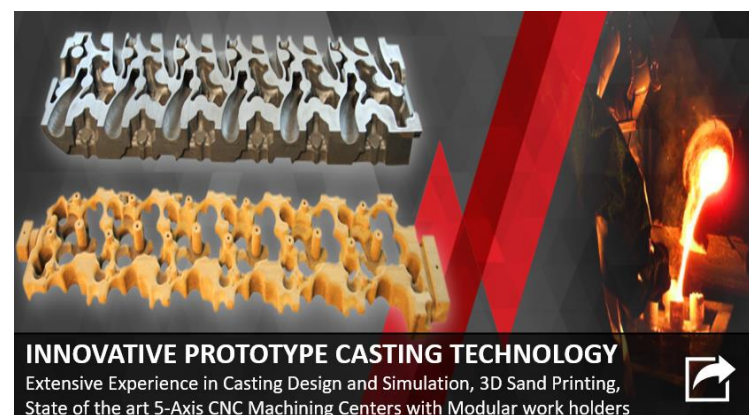
Leveraging the Bound metal deposition technology to provide rapid prototyping & creation of complex parts quicker & better than ever before, identifying opportunities for assembly consolidation.

Job Box Size – 300mm x 200mm x 200mm

[Know More..](#)



**Direct Metal Printing**  
Job Box Size - 300mm x 200mm x 200mm



**INNOVATIVE PROTOTYPE CASTING TECHNOLOGY**  
Extensive Experience in Casting Design and Simulation, 3D Sand Printing, State of the art 5-Axis CNC Machining Centers with Modular work holders

### Rapid Prototype - Castings

Get your robustly designed and cast metal flow-optimized Prototype castings in days, with our vast experience and expertise in the Casting domain. Concurrent Design validation and Consistent dimensional characteristics assures stable performance in design sensitive products like Turbochargers, Impellers, Hydraulic Manifolds, and Inlet Outlet castings.

[Know More..](#)

### Furan 3D Sand Printed Moulds and Cores

Our focus is to address complicated geometries with tool less designs using our 3D Sand Printing Capabilities and Engineering Expertise. The Moulds and Cores undergo, strength testing, Mould scratch hardness testing, tensile strength testing and dimensional scanning before packing and delivery.

Job Box Size – 1500mm x 1000mm x 750mm

[Know More..](#)



**Furan Sand 3D Printed Cores, Moulds and Castings**  
Job Box Size - 1500mm x 1000mm x 750mm



### Casting Design & Simulation

Using MAGMASOFT®, ProE®, SolidWorks®, AutoCAD® to facilitate virtual validation of product requirements against manufacturing robustness long before design approval

### Casting Design and Simulation

With more than two decades of experience in effectively utilising the world's best simulation software – MAGMASOFT®, Magna Digitech has successfully completed 6000+ simulation projects for 100+ foundries all over the world. With this rich experience we are able to provide the best casting design the first time at the right cost.

[Know More..](#)

### Mold Milling – Subtractive Manufacturing

Subtractive Manufacturing in the casting domain involves machining of solid sand blocks to form a mould or manufacturing patterns to make moulds. Depending on the volume requirement sand moulds can be milled for small quantities or bigger moulds. Higher volume requirements can be met by

[Know More..](#)



### Mold Milling – Subtractive Manufacturing

In-house Mold Milling capability which enables us to cater to bigger size castings with a box size of 2 Metres X 2 Metres



### Machining

Romer - 6 Axis absolute Arm Laser Scanner (Measuring Envelope 2000mm)  
5 Axis Machining with Heidenhain TNC 640 Controller and working surface 650 dia  
Moving Column VMC with table size 2000 x 1400mm with 4th axis capability

### Machining

Our machining heritage of over 20 years having developed and supplied over 500 machined components, for a wide variety of Industries from Automotive to Flow Control to Hydraulics to Locomotives and other Industrial .Our Technology Suite of Machining Simulation Software, Modular Fixturing and Machining Centers including 5 Axis, Blue Ray Scanning and CMM allows us to take on many challenges successfully and complete machining in a “ Done in One “ approach.

[Know More..](#)

### Stay Connected

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