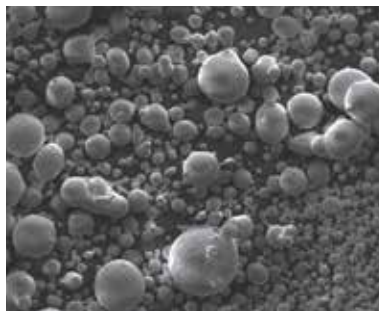




**MANOIR INDUSTRIES,
A LONG-TERM PARTNER**



HOT ISOSTATIC PRESSING (HIP) OF METALLIC POWDER.

Manufacturing of **geometrically complex and hollow parts**

Uses a varied range of **metallic powders** (non-alloy steel, stainless steel, titanium, etc.)

Option to create **multi-layered materials**

Perfect homogeneity ensured

Superior and multidirectional mechanical properties

Guaranteed **reduction in the use of raw materials**



140 kg - 316L grade



130 kg - F55/F51 grade (UNS S32505)



ASSEMBLED CLOSED-DIE PARTS IN DUPLEX, SUPER DUPLEX, INCONEL, TITANIUM.

Manufacturing of heavy forgings
of up to 1 tonne

Morphologically **complex components**

Large grade range

- Duplex F51/53 and super duplex F55
- Inconel 625-718, Incoloy 825-925 and alloy 800HT
- Titanium T35-T60, TA6V ELI and TV10A3Fe2

Heat-treatment **skills**

Optimisation of the utilised raw material

CLADDING.

Deposition via the **tungsten inert gas (TIG) welding process**

Provision of **anti-corrosion** and **anti-abrasive coating**

Qualified for the addition of **Inconel 625, inox 304 and inox 316 materials**

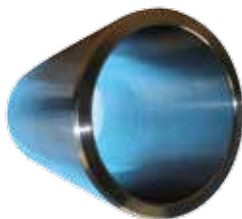
Cost-effective solutions to maximise the lifespan of the product

Adheres to **oil & gas, and energy standards**

OPTIMISATION OF
THE MANUFACTURING
OF THESE ALLOYS
TO ACHIEVE NEW HIGH
LEVELS OF PERFORMANCE
AND QUALITY.



Titanium
Ø 600 mm



Titanium
Ø 400 * 1,000 mm



Inconel 225 kg