

Kisaan Die Tech has the facilities, expertise and experience to forge products from 1 to 4000kg (2.2 to 8820 lbs), using either open or closed dies. We have a distinguished reputation as a manufacturer of high quality, precise forgings from carbon, alloy and stainless steels. Kisaan Die Tech can manufacture forgings to a range of international standards or produce custom parts to client specifications.



Forging is only the beginning. Kisaan Die Tech is also equipped to perform **Heat Treatment** and **Precision Machining** at its integrated facility.

OUR HEAT TREATMENT PROCEDURES INCLUDE:

- > Annealing and Solution Annealing
- > Normalizing
- > Quenching (Water and oil)
- > Tempering
- > Stress Relieving

OUR PRECISION MACHINING CAPABILITIES INCLUDE:

Vertical Turning

- > CNC and Manual Lathe Operations
Turning Diameter up to 2000mm

Turning Center

- > CNC and Manual Turning
Horizontal Lathes (Chuck Size 6" to 48")

Milling

- > CNC Machining Centers
- > Planer Millers

Drilling and Boring

- > High Speed CNC Drilling
- > Radial Drills

> CERTIFICATIONS

Our Quality Management programme is certified under ISO 9001:2008. Kisaan Die Tech is also a certified manufacturer of pressure equipment, in accordance with the European Union's Pressure Equipment Directive (PED 97/23/EC) and AD 2000-Merkblatt W0. We are also recognized as a 'Well Known Forge' under IBR (Indian Boiler Regulations).

> QUALITY ASSURANCE

Kisaan Die Tech is also able to provide third party, mechanical, chemical and non-destructive analysis by independent agencies such as TUV, Det Norske Veritas, Bureau Veritas, Lloyds Register, and through NABL (National Accreditation Board for Testing and Calibration Laboratories, India) approved laboratories. Our commitments to the health and safety of our employees and to the environment are evidenced by our OHSAS 18001 and ISO 14001 certifications.



| Product | Description | Options |
|--|--|---|
| Flanges | Our high quality steel flanges can be forged from a range of materials to standard sizes or to your specifications. | <ul style="list-style-type: none"> > Our standard range of flanges is manufactured to ASME/ANSI B16.5 (NPS ½” through NPS 24” and pressure classes 150 to 2500). Large diameter flanges (up to NPS 60) are forged according to ASME/ANSI B16.47 and API 605. > Flanges with diameters of 26-48 inches (NPS) are manufactured to pressure classes from 150 to 600 lbs, according to BS3293 > AWWA Standard Flanges up to 48” NPS > Spectacle Blind/Figure 8 flanges according to API 590/ASME B16.48 > Well Head and Christmas Tree equipment according to API 6A > DIN flanges in sizes ranging from DN10 to DN3600, with ratings of PN6 to PN160 <p>Non-Standard/ Custom Flanges</p> <ul style="list-style-type: none"> > Maximum diameter of 2000mm > Maximum weight of 5000 kg. |
| Tube Sheets | Tube sheets can be supplied drilled and/or machined to your specifications. | <p>Carbon Steel Tube Sheets</p> <ul style="list-style-type: none"> > Maximum dimensions of 2000mm x 350mm > Maximum weight of 4000kgs. <p>Alloy/Stainless Steel Tube Sheets</p> <ul style="list-style-type: none"> > Maximum dimensions of 1800mm x 350mm. <p>Tube Sheets are also available in custom sizes. Please inquire.</p> |
| Rings | Rings can be forged from carbon, alloy and stainless steels. | <p>Carbon Steel</p> <ul style="list-style-type: none"> > Maximum outside diameter - 2000mm > Maximum thickness - 350mm > Maximum weight - 3000kg <p>Alloy Rings</p> <ul style="list-style-type: none"> > Maximum outside diameter - 1700mm > Maximum thickness - 350mm <p>Stainless Steel Rings</p> <ul style="list-style-type: none"> > Maximum outside diameter - 1500mm > Maximum thickness - 300mm <p>Rings can be forged to any specification. Please inquire.</p> |
| Shafts | Shafts are available in carbon and alloy steels and can be threaded, bored, tapered, splined or eccentric, according to your specifications. | <ul style="list-style-type: none"> > Maximum outside diameter - 450 mm > Maximum length - 6000 mm > Maximum forged weight - 5000 kg |
| Couplings | Kisaan Die Tech manufactures mechanical couplings to standard and custom specifications. | Please inquire. |
| Gear Blanks | Gear blanks can be forged to your specifications, using either a closed or open die forging process. | <ul style="list-style-type: none"> > Maximum outside diameter - 1500 mm > Maximum forged weight - 5000 kg |
| Non Standard/ Custom Forgings | Kisaan Die Tech can work with you to design, forge and finish complex components for any application. | Please inquire. |