



Thinking big.
Acting bold.



SANGHVI
FORGING & ENGINEERING LTD.

ABOUT US

ESTABLISHED IN 1990, SANGHVI FORGING IS AMONG THE COUNTRY'S FASTEST GROWING FORGING PLAYERS.

OUR PRODUCTS

- Tool Steel
- Forged Flanges
- Heavy Forgings
- Machined Forgings



OUR VISION

To be a pioneer and leading supplier in Forging Industry by providing one-stop solution for forged product and be the preferred product development partner with our customers.

To be focused on high quality through quest for perfection and innovative approach to maintain leadership position in business.



EQUIPMENT PORTFOLIO

- 4500 Ton Hydraulic Forging Press
- Forging Hammers
- 60 Ton Rail Bound Manipulator
- Gas Fired Reheating Furnaces
- Gas Fired Heat Treatment Furnaces
- Water & Polymer Quenching Tanks
- 2000 mm Cutting Band Saw
- Heavy Machine Shop
- CNC Machine Shop

LOCAL PLAYER. GLOBAL EXPERTISE.



NEXT-LEVEL QUALITY

At Sanghvi, we continue to add to our accomplishments by offering our customers high-quality products.

IN-HOUSE TEST FACILITY

- Physical Testing
- Chemical Testing
- Non Destructive Testing
- Metallurgical Testing

Our quality management team focuses on stringent tests and processes that ensure our products are at par with international standards.

CERTIFICATIONS

- ISO 9001 - 2008 TUV NORD
- ISO 14001-2004 TUV NORD
- BS OHSAS 18001 : 2007 TUV NORD
- PED 97/23/EC TUV Rheinland

THIRD PARTY INSPECTION AGENCIES APPROVALS

- Loyds (LRIS)
- BVIS
- TUV
- SGS
- TOYO
- PDIL
- TICB
- IBR
- UHDE
- EIL
- ABS
- VELOSI
- IRS
- DNV

WE ARE LEADING
MANUFACTURER OF
HIGH QUALITY OPEN
AND CLOSED-DIE
FORGINGS FROM 1 KG
TO 40 TON WEIGHT
IN ALL GRADES OF
STEEL, FOR CORE
SECTOR INDUSTRIES.



MULTIPLE SECTORS. DIVERSE PRODUCTS.

SFEL PRODUCES OPEN-DIE AND CLOSED DIE FORGINGS AND FLANGES WHICH ARE SUPPLIED PROOF MACHINED OR FINISHED ON REQUEST, FROM ALL GRADES OF STEELS UNDER NATIONAL AND INTERNATIONAL STANDARDS FOR OUR CUSTOMERS.



WE EXPORT TO

- Australia
 - Brazil
 - Colombia
 - Canada
 - France
 - Germany
 - Italy
 - Japan
 - Kuwait
 - Netherland
 - Russia
 - Saudi Arabia
 - UAE
 - USA
- and many more.

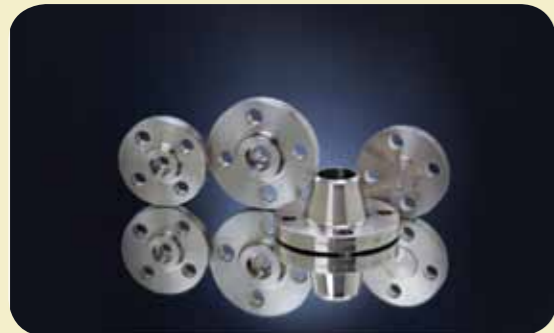


SECTORS

- Power
- Defence
- Oil & Gas
- Wind Mill
- Ship Building
- Dies & Molds
- Machine Building



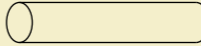
FORGED FLANGES





Size	1/2" to 60", DN 10 to DN 1500
Pressure Rating	150# to 2500# and PN 6 to PN 160 etc.
Standards	ASME B 16.5, B 16.36, B 16.47, B 16.48, API 6A, EN 1092, BS 4504 etc.
Material	
● Carbon Steel	A-105, A-350 LF2 etc.
● Alloy Steel	F-5, F-9, F-11, F-22, F-91 etc.
● Stainless Steel	SS 304, SS 304L, SS 304H, SS 310, SS 316, SS 316L, SS 316 Ti, SS 317L, SS 321, SS 347, SS 904L etc.
● Duplex SS	F51, F55 etc.
● High Strength Steel	A 694, GR 52, 60,65,70, AISI 4130, 4140 etc.
● Nickel Alloys	Monel 400, Inconel 625, Inconel 825, Alloy 20, HASTELLOY etc.


HEAVY FORGINGS





Forged bars	
Length	max 15000 mm
Round	from 200 mm up to 1500 mm
Square	from 200 mm up to 1500 mm
Weight	max 50000 kg

Blocks and Plates (forged in three dimensions)	
Length	max 11000 mm
Width	max 1500 mm
Thickness	max 1500 mm
Weight	max 40000 kg

Shafts & Step Shafts	
Flange dia	max 1600 mm
Length	max 10000 mm
Weight	max 40000 kg

Tube Forgings, Cylinders and other Hollow bodies	
Inside dia	from 250 mm to 800 mm
Length	max 5000 mm
Weight	max 35000 kg

Tube Sheets / Gear Blanks	
Outside dia	max 2800 mm
Thickness	100 mm thick minimum
Weight	max 40000 kg

Rings	
Outside dia	max 2800
Weight	max 35000 kg
Height	max 1500 mm

TOOL STEEL



MACHINED FORGINGS



Size	ROUNDS : 200 mm to 1000 mm Dia, BLOCKS : 200 X 200 mm upto 1000 X 1000 mm, FLATS: Thickness - 200 to 1000 mm, Width - 200 to 1500 mm
Materials	DIN 1.2714 (L6), 1.2343 (H11), 1.2344 (H13), AISI D2, AISI D3, AISI O1, AISI O2, AISI P20 etc.
Quality	Uniform hardness throughout blocks is guaranteed by- <ul style="list-style-type: none"> ● Controlled chemistry of steel ingots. ● High reduction ratio during forging. ● Very accurate Heat Treatment control with Polymer Quenching.
Economy	Exact size of blocks supplied so as to reduce further machining cost.
Applications	Aluminium Extrusion Dies, Plastic Molding Dies, Sheet Metal Forming Dies, Forging Dies, Blanking Punches, Cutting & Milling Tools, Shear Blades, Drawing Dies, etc.

Our heavy machine shop and CNC machines provide proof machined and finished products from small size of 1 kg to large size upto 30 ton weight in all variety of steels.

Items	Valve Bodies, Discs, Tube Sheets, Rings, Shells, Shafts, Blocks, Special Flanges, Nozzles, Fluid Ends etc.
Weight	1 Kg to 30 ton
Machines	<ul style="list-style-type: none"> ● CNC Lathes ● Vertical Turning Centers ● Vertical Milling Center ● Heavy Duty Lathes ● Horizontal Boring Machines ● Deep Hole Drilling Machines ● Band Saw



SANGHVI
FORGING & ENGINEERING LTD.

Registered office and works

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