

OUR PRESTIGIOUS CLIENTS



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SPACECHEM

GROUP OF COMPANIES



Pioneer in

*Heavy Engineering Fabrication, Customised Equipments, Beams, Girders,
Bridges, Vessels, Boiler Structure, EPC Packages, & Product Development*

RDSO Approved Supplier for ROB Steel Composite Girders

ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007

Corporate Office : C-120, Industrial Area, Bulandshahar Road, Ghaziabad - 201009, India
www.spacechemgroup.com | www.spacechemengineers.com



ABOUT US

Spacechem manufactures a diverse range of Custom Metal Fabricated Equipments with an experience of over 25 years. It has capabilities and experience for the rolling and forming of plates, beams and structures, welding and processing to manufacture virtually any fabricated assembly, which is required for any industrial or infrastructural project.

Spacechem has four manufacturing units located in Delhi-NCR region with over 75 technical workers at each location. Our factory sheds and cranes can handle single job upto 50 tons and assemblies of 100 tons with height up to 14 meters.

Spacechem have facilities for Cutting, Bending, Forming, Pressing, Punching, Welding, Painting, Galvanizing & Machining of outsourced Castings and Forgings in accordance with customer's designs, specifications and quality plans. Spacechem is also having in house design and engineering services with latest CAD/CAM software. Spacechem has been executing in various core sectors mainly Cement, Sugar, Power, Petrochemicals Industries and Infrastructural Projects in India.

In brief, Spacechem has been manufacturing and supplying high quality fabricated structures, assemblies and equipments including machined, cast and forged components according to drawing, specifications and delivery schedules of clients it has been also offering engineering & metallurgical services for outsourcing casting, forging, heat-treatment and machining as the best solutions for technical and commercial requirements of the client.

QUALITY POLICY

Spacechem is committed to enhance customer satisfaction by identifying & fulfilling customers needs and meeting these needs by supplying products conforming to customers requirements within agreed time frame and rendering quality and timely after sale services as per national and international standards and customer specification.

We work as a team of a motivated work force with an aim of continual improvements in the quality management system & procedures. We endeavor to augment our infrastructure and provide training to our personnel to emerge as Global Player and Leader of Domestic Market.

SPACECHEM is well equipped with auto welded H-Beam and Box Assembly Line consist of CNC Cutting Machine, Assembly Machine, Submerged Arc Welding, Straightening and Face Milling Machine followed by CNC Drilling, Blasting, Metalising and Airless Painting.

PRODUCT RANGE (H-BEAM & BOX)

H-BEAM HEIGHT	200 - 3000 mm
WEB THICKNESS	8 - 60 mm
FLANGE WIDTH	200 - 1000 mm
FLANGE THICKNESS	8 - 80 mm
H-BEAM LENGTH	4000 mm - 14000 mm
Welded Box (WXH)	300mm - 1200mm X 300mm - 1200mm
Welded Box Length	15000mm



Signage Gantry



Reaction Frame for TBM



Inspection Platform for Hydropower



Conveyor



TBM Backup Gantry



Screw Conveyor



Pressure Vessel



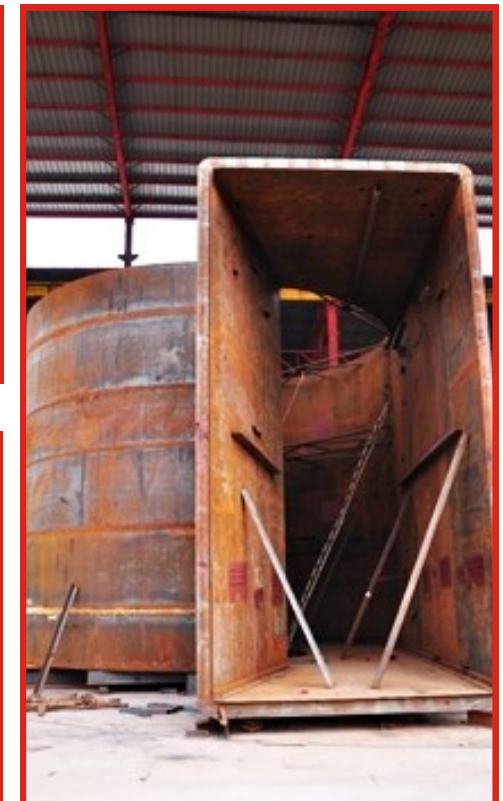
Boiler Ducts



Clusters, Neyrtec France



Cement SILO



Cyclone Cylindrical



SPACECHEM AT A GLANCE

Established	: 1987
Corporate Office	: Spacechem Enterprises C-120, Industrial Area, Bulandshahar Road, Ghaziabad - 201009, India
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Website	: www.spacechemgroup.com www.spacechemengineers.com
Contact Person	: Mr. K.A. Garg (Managing Director)
Mobile	: +91 9810135304
Type of Company	: Manufacturer / Contractor
Type of Unit	: S.S.I
Land Area	: 2,250 sq.mtr. (Unit I) 5,600 sq.mtr. (Unit II) 10,000 sq.mtr. (Unit III) 50,000 sq.mtr. (Unit IV)
Covered Area	: 20,000 sq.mtr.
Power	: 400 KVA Generator backup

PRESTIGIOUS BUYERS / APPROVALS

- Bharat Heavy Electrical Ltd.
Tiruchirapally
- Bharat Heavy Electrical Ltd.
Haridwar
- NTPC Ltd., Noida
- RDSO, Lucknow
(Ministry of Railways)
- Delhi Metro Rail Corporation
New Delhi
- Northern Railway, Delhi
- L&T—MHI Boilers Pvt. Ltd.
Faridabad

H-BEAM ASSEMBLY LINE

Brief overview of individual machines used for H-Beam manufacturing :

CNC CUTTING MACHINE

Numerical Control Cutting Machine. It has in series nine straight - line cutting torches to cut along lengthwise direction. On other side, it has two torches for profile cutting as well as one set for bevel operation.



AUTOMATIC ASSEMBLING MACHINE

This machine is applicable to symmetric and non-symmetric, variable section of H & T beam. This machine is mainly composed of draw bar centering system, roller conveyor, hydraulic system and electrical control system.



DOUBLE CANTILEVER SUBMERGED ARC WELDING MACHINE

This machine adopts double arc and double wire submerged welding with high production quality. Machine is equipped with two groups of floating lead arc devices to get the welding wire in good position to welding seam. There are two groups of flux feeding devices and two groups of flux recycling devices.



FLANGE STRAIGHTENING MACHINE

This machine is widely used in welding works for the purpose of correction of the steel flange and straighten the flange plates. This machine is of high precision and efficiency and has the features of strong straightening force, large straightening range, high working efficiency and good product quality. There are hydraulic drift rollers in the front and back of the main machine.



Steel Girder Beams



Road Over Bridges



Stud Fixing Drawn Arc Welding



High Skew ROB Girder



Tube Metering Machine



Eye Seal



BOX WELDING
MACHINE

This machine is mainly composed of automatic moving gantry frame, automatic submerged welding machine, flux recycling system, guide arc device and marking device, wire dredge pin and so on. There equipped with two groups of longitudinal and transverse moving device that drive welding machine's head; The welding arm will automatically track the welding line.



CNC DRILLING
MACHINE FOR PLATES

Technical Specifications:

- 1) Size of Max. (L×W×T) - 2000×1600×100mm
- 2) Max. Drilling Diameter - 50mm
- 3) Range of spindle speed - 120 ~ 560 r/min (Stepless speed)
- 4) Spindle stroke, Max. - 240mm



FACE MILLING
MACHINE

This line of face milling machines are provided with special milling power spindle high-strength welded body and elevating column, frequency conversion driving system and PLC process control system which enable automatic milling operation. Equipped with standard or profile milling cutters, this line of milling machines can be satisfied for all kinds of face milling processes.



CNC DRILLING
MACHINE FOR BEAMS

Main Specifications:

- 1) **Size of Work Piece**
 - Width - 600-3000mm
 - Height - 300-1000mm
 - Max. Length - 16000mm
- 2) Diameter of Drilling Hole - 12 ~ 50mm



PLANT AND MACHINERY

S.No.	Description of machine	Capacity
1	H-BEAM ASSEMBLY LINE CNC Profile Cutting Machine	50 MT/Day
2	Assembly Machine	Height 300mm to 3000mm
3	Double Cantilever Submerge Arc Welding Machine	50 MT/Day
4	Straightening Machine	Thickness 80mm
5	Box Girder SAW Welding Machine	250mm To 1200mm
6	Face Milling Machine	50 MT/Day
7	CNC Drilling Machine – Beams	50 MT/Day
8	CNC Drilling Machine - Plates	50 MT/Day
9	WELDING SETS Submerge Arc Welding Machine (Manual)	1200 AMPS
10	Welding Rectifire/Transformer	400 AMPS
11	MIG Welding Set	400 AMPS
12	CRANES E.O.T Crane	50 MT (Lift 14.0m / 9.0m)
13	Mobile Crane (Hydra)	25 MT
14	OTHERS Radial Drill Machine	15 MT
15	Rolling Machine	10 MT
16	Stud Welding Machine	5 MT
17	Compressor	12 MT
18	Hydraulic Brake Press	65mm Dia
19	Blasting Equipment	50mm Dia
20	Airless Painting	32mm Dia
21	Metalising	40mm
		20mm
		2500 Amps.
		10 Bar
		25mm X 3 met.
		16mm X 3 met.
		10mm X 2 met.
		SHOT/SLAG/SAND
		Zinc/Aluminium

