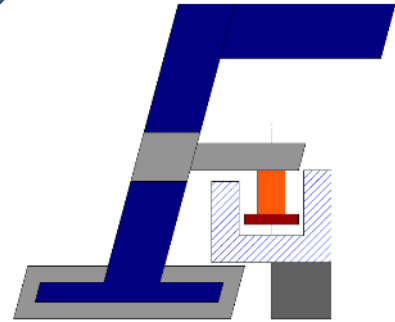


FALESHWAR UDYOG

Engineering Services | Consultancy | Solutions





VISION

To be
one of the best & trusted business partner in the
field of Mechanical Engineering Services



MISSION

We shall provide best in class services to meet customer's expectations, quality and on-time delivery

We shall do value addition through continuous innovation in services, solutions and products



ABOUT US

- We have 15 years of vast experience in New Product Development, Automation, Design of Special Purpose Machines / Welding Systems / Material Handling Equipment / Jigs & Fixtures used in Heavy Engineering Industries.
- Hands on experience in fabrication of critical vessels & steel structures.
- Excellent capabilities in conceptualization, 3D modeling, Drafting, Design and Finite Element Analysis.
- Design of cost effective solutions
- Certified Chartered Engineer from Institute of Engineers.
- Certified Reliability Engineer

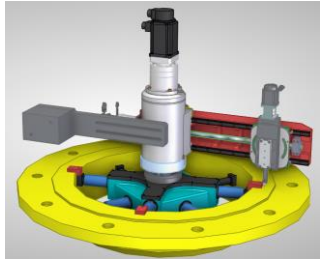


CAPABILITIES

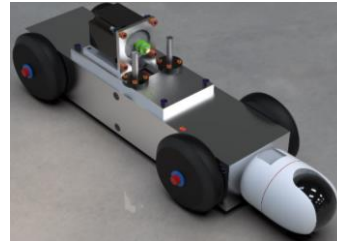
- New Product / Process Development
- Design & Engineering Services
- SPM
- Jigs & Fixtures
- Machining Services
- Consultancy
- Turn Key Solutions



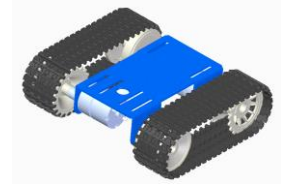
PRODUCTS DEVELOPED



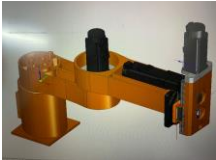
IN-SITU FLANGE FACER



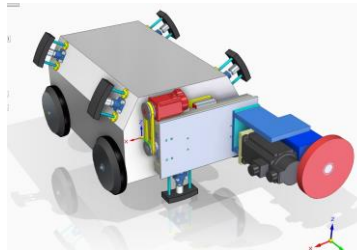
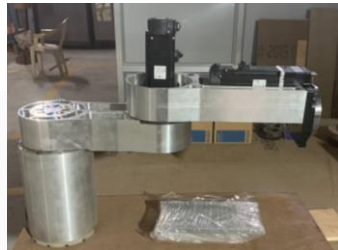
PIPE ID INSPECTION TROLLEY



MOTORIZED CRAWLER



PAD WELDING COBOT



PIPE INTERNAL POLISHING SYSTEM





RESOURCES - MACHINES



VMC:

- X axis: 800mm
- Y axis: 500mm
- Z axis: 500mm
- Controller: Mitsubishi M80



Plano Miller:

- X axis: 6000mm
- Y axis: 1800mm
- Z axis: 1200mm
- Controller: Manual with DRO



RESOURCES - MACHINES



CNC Lathe
Between center: 1500mm
Max swing: 504mm



Conventional Lathe
Between center: 4 feet



Radial Drill Machine
Drill capacity: Dia 40mm



RESOURCES - SOFTWARE

Software:

■ Solid Edge

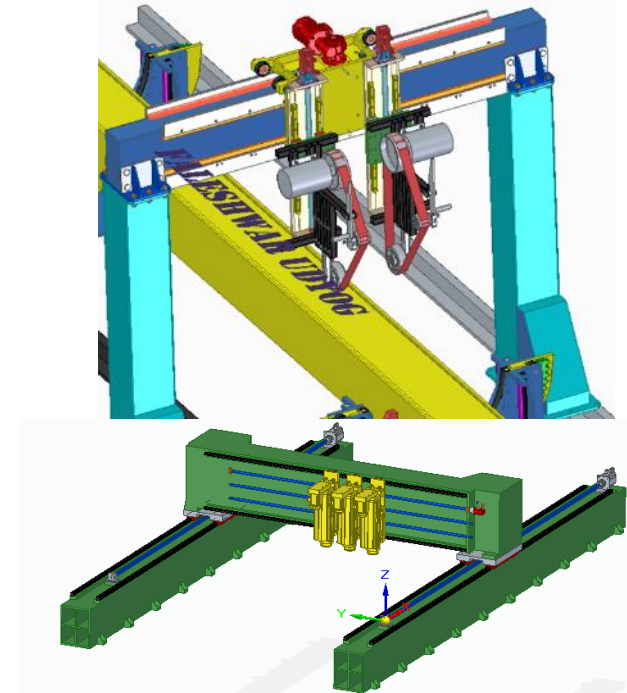
■ NX-CAM





DESIGN & DEVELOPMENT

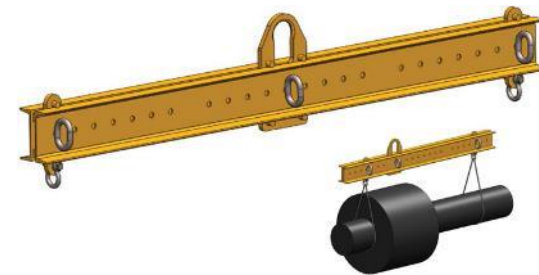
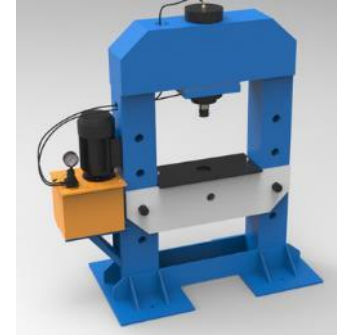
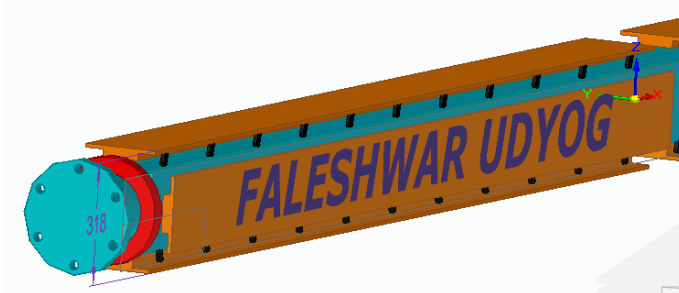
- Welding automation
- Welding positioners
- Special Purpose Machines
- Customized material handling systems
- Plate lifting & handling systems
- Hydraulic press
- Working platform
- NDT equipment





DESIGN & DEVELOPMENT

- Special Jigs & Fixtures i.e. for set up and welding application
- Quick clamping systems
- Material Handling Beams & Frames
- Job handling plans
- Validation of existing fixtures for safe usage





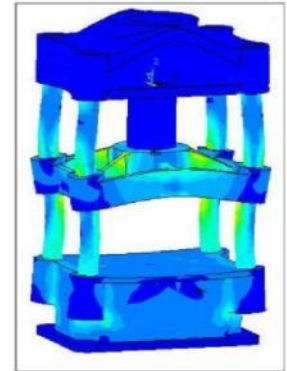
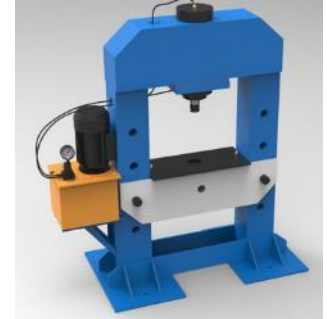
DESIGN & DEVELOPMENT

- New product / process development
- Manufacturing / assembly sequence preparation & study for fabrication of special jobs
- Identification and design of fixtures for special jobs
- Feasibility study
- Capability enhancement of existing machines/ fixtures



3D MODELING / DRAFTING / FEA

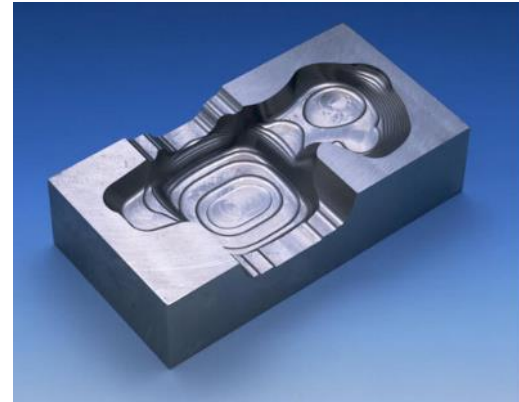
- 3D modeling:- For New product, Machines, Jigs & Fixtures, Die-Mold, Structures etc.
- Drafting / Detailed drawings:- New products, Jigs & Fixtures, Machines, Structures etc.
- FEA:- Static analysis, Structural analysis etc.





MACHINING SERVICES

- Precision component machining – Die-Mold, Critical spares etc.
- Stringent quality structures
- Operation like milling, turning, drilling etc.





CONTACT US



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Call : 9537330303 / 7203847708



THANK YOU

Together we will succeed
Together we will grow