



 **DeeEss**
Engineers India Projects Pvt Ltd

End to End solution provider for Storage solution, Warehouse construction, Industrial packaging & material handling solution and EPC division.

DEEES ENGINEERS was founded in 2004, we pride ourselves on our accountability and ability to provide Specialized End-to-End solutions on Storage solution, Warehouse construction, Industrial packaging & material handling solution and EPC division. Our reputation in the industry is that of having successfully completed 560+ projects throughout the globe. We a multidisciplinary firm, have proven reliability and dedication to customer service. Our Customers have come to rely on us for innovative and cost-efficient solutions.

OUR CLIENTS have different expectations and priorities, so every package is designed to suit your demands. Best practice or innovative solutions, minimal CAPEX or minimal OPEX – with our in-house capabilities, expertise and experience we ensure your requirements are met.

OUR MISSION is to strive for excellence in understanding industry's constantly changing demands providing innovative and value added solutions and build long term relationships with clients through superior service and quality. The determination and commitment is our unrelenting pursuit of our goal, ensuring a positive contribution to society.

Nature of Business	Manufacturer, Exporter, Supplier & Service Provider
Number of Employees	50
Year of Establishment	2004
Market Covered	US, Canada & Middle East
GST No	33AAFCD6383D4ZQ
Annual Turnover	Rs. 15 Crore

STORAGE RACKING SYSTEM

PRODUCTS

Selective Pallet Racking System



Adjustable Pallet Racking System



Drive Pallet Racking System



Push Back Racking System



Mobile Racking System



Cantilever Racking System



Gravity Flow Racking System



Heavy Duty Pallet Racking System



Medium Duty Pallet Racking System



Drive Through Pallet Racking System



Multi-Tier Shelving System



SHELVING SYSTEM

PRODUCTS

Long Span Shelving System



Rivet Shelving System



Boltless Shelving System



Pigeon Racking System



FIFO Racking System



MEZZANINE

Mezzanine Floor



Mezzanine Racking



MATERIAL HANDLING SYSTEM & INDUSTRIAL PACKAGING

PRODUCTS

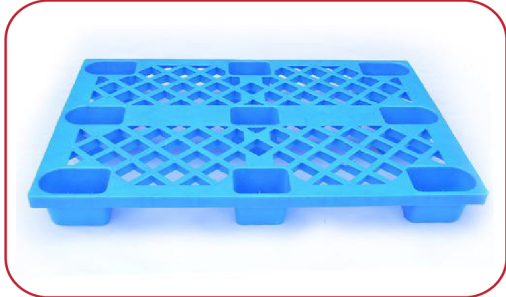
Plastic packaging



Steel Pallets



HDPE Pallets



Returnable packaging



Forming trays



PP boxes



Trolleys



Cloth packaging



Battery Bag



Closure
Number of pockets
Color
Closure type
Pattern

Magnetic Button
3-4
Multicolor
Zipper
Plain

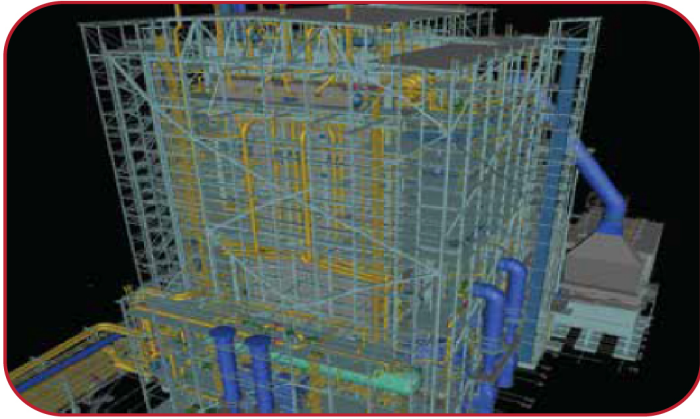
ABS Bag



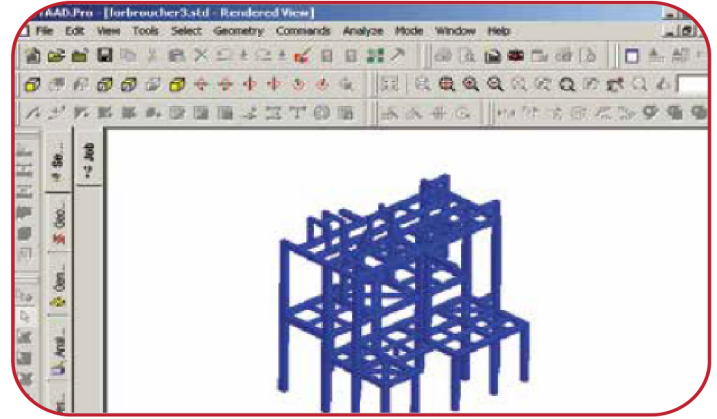
Colors
Closure Type
Pattern
Stitching

Multi Color
Zipper
Plain
Matching

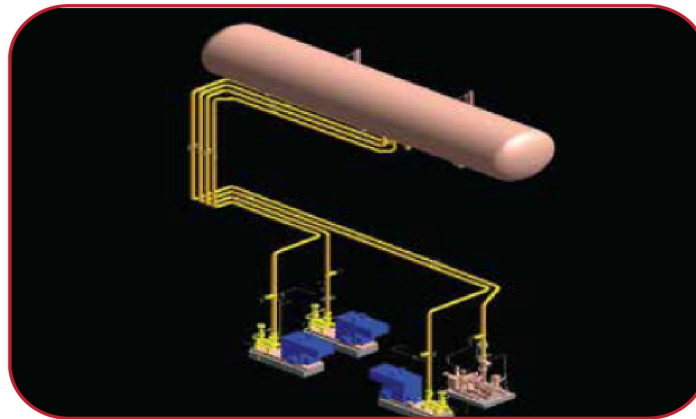
Structural design



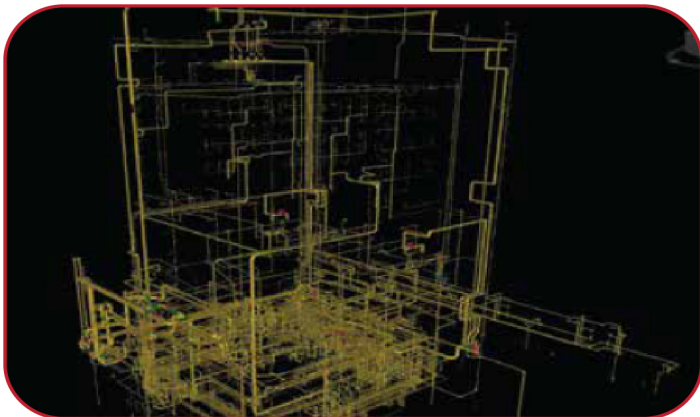
Structural Analysis



Piping Routing



Piping Design



Case Studies

Input	Value	Unit
Outside Diameter (D)	1000	mm
Nominal thickness (t _{nom})	30	mm
Joint efficiency for Long Stress (E _L)	0.85	%
Joint efficiency for Circ Stress (E _C)	0.85	%
Design Temperature (T)	0.00	°C
Internal Design Pressure (P)	2	N/mm ²
Max Allowable Stress (S)	118	N/mm ²
Design Stress (S _d)	100	N/mm ²
Fluid height (H)	0	mm
Fluid density (ρ)	0.0000	kg/m ³
MW (Under Tolerance/MT)	0	mm

Design Pressure (P)	Effective Thickness (t _e) - from Corr. MT	Inner Radius (R _i)
2 N/mm ²	18.2 mm	518.8 mm

Assumed thickness (t ₁)	Actual thickness (t ₂)	Required thickness (t _{req})
30 mm	18.2 mm	18.2 mm

Result: **As the t_{req} (18.2 mm) is lesser than t₁ (30 mm) Our Design is Safe. Acceptable.**



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