LODESTAR

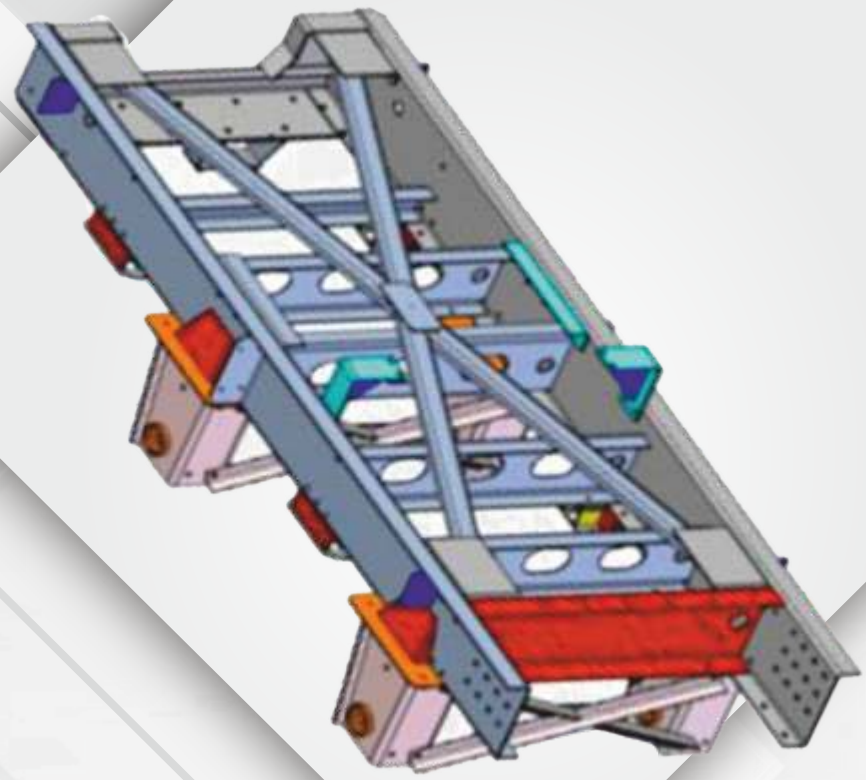
LODESTAR QUALITY LLC

Providing Innovative Engineered Product Solutions

From
Concept to Production

Manufacturing & Engineering Solutions

DESIGN AND MANUFACTURING OF A CUSTOMIZABLE TRAILER FRAME



THE PROBLEM

A medium sized North American Trailer/Bulk Transport manufacturer specializing in providing custom Trailers to the oilfield industry was facing issues with ageing product designs causing low production throughput, inventory build-up, inability to quickly address market fluctuations in demand of product type & very low margins.

LODESTAR'S SOLUTION

- Designed, develop and manufactured a configurable common frame, whereby by bolting on components and sub-assemblies the customer could create three different product types.
- This new assembly enabled the customer to quickly customize a product type based on market demand without having to hold finished inventory.

RESULTS

- Lodestar's solution enabled the customer to Focus production resources on assembling bolt-on systems which raised throughput by over 15%
- Reduce their manufacturing costs around 20%, with significantly improved higher product quality, resulting in substantial increase in net margins.

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“Lodestar's utilizes the expertise of its team members and it manufacturing partners to address key problems faced by industry segments or individual manufactures with high quality products and intelligent solutions which are customized to address a particular market's or entity's needs in a comprehensive manner.

THANK YOU !