

# Fit Up Station Summary by Amin Machinery

16/10/2010

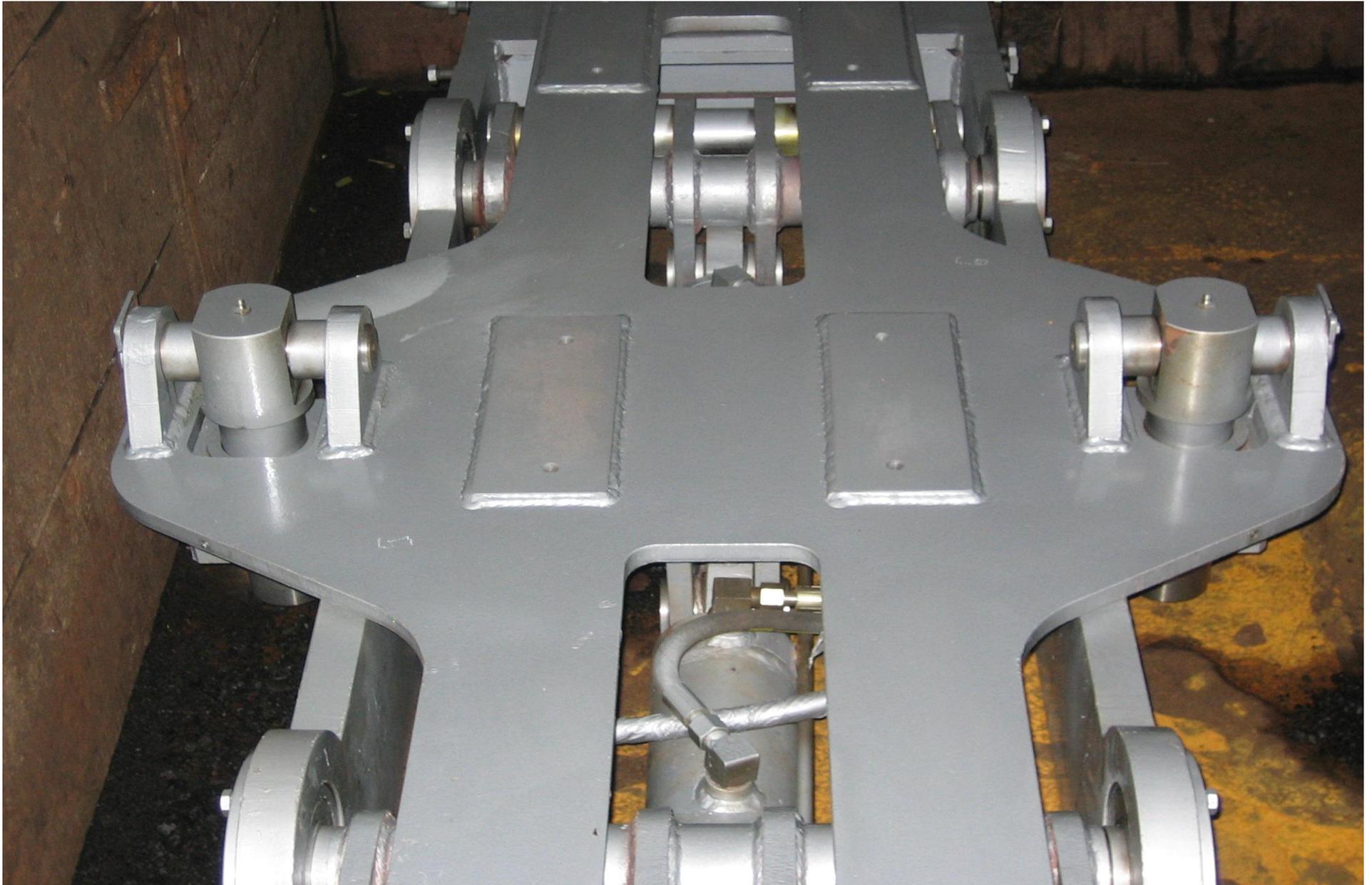
# Fit Up Stations for Suzlon

- Amin Machinery team worked with Suzlon to integrate fit up stations with Rotator to improve the tack welding process for their shell joints.
- It is a unique process where with very limited man power this process can be efficiently completed with greater accuracy and faster rate.
- The fit up station allows high adjustment with fine accuracy from 1mm to 40 mm depending upon the need.
- It gives the user the control option for manual or automatic height adjustment. Both options provide inching as well as continuous height adjustment in one direction or overall job.
- To better explain this attached are pictures for your understanding

# 25T Trolley Hydraulic Trolley for Fit up Station



# Hydraulic Trolley





# Details on Hydraulic Trolley

- This trolley is used as an upgrade for fit up stations to improve productivity.
- The Hydraulic system can be used as trolley to move shell from one station to other instead of crane
- The Hydraulic station can be used for 2+2 and 4+4 shell jointing. It decreases time and improves the quality of the joint for x-ray test.
- Two people can complete the task easily and control the setup without any issues.
- The self aligning rotator can be fitted onto the hydraulic base at any given stage.
- This task can be done at site too as Amin Team successfully carried out task Suzlon site and also provided integration with ESAB system with local high quality substitutes. Next pictures show integrated system of Amin with ESAB.

# SAR & Automatic Hydraulic System



# SAR & Manual Hydraulic System



# 25T Fit Up station

