

# TSC Subsea Equipment Handling

Due to rig layouts and client requirements there are many methods for handling the subsea equipment and numerous solutions available to achieve handling.

## **BOP Transporters**

TSC has several types of BOP transporters available, ranging from flat top 'C' frame transporters to elevating forklift transporters. Examples of these include:

### **'C' Frame Transporter**

(Typical Design Parameters)

Safe Working Load: 100 - 500 tons  
Travel Speed: 0 - 15 ft (proportional)  
Rail Span: 30 ft

### **Elevating Fork Lift Transporter**

(Typical Design Parameters)

Safe Working Load: 100 - 500 tons  
Travel Lift Speed: 0 - 15 ft (proportional)  
Fork Lift Speed: 0 - 3 ft  
Fork Lift Height: 18 ft  
Mode of Lift: Hydraulic Cylinder (telescopic)  
Rail Span: 20 ft

## **BOP Cranes**

TSC BOP cranes provide the lifting capacity for handling the BOP stack as a complete assembly or for the LMRP and BOP individually between the transporter and storage positions.

(Typical Design Parameters)

Capacity: Up to 275 tons  
Main Hoists: two 137.5 TE Each Lift  
Remote Panel  
Auxiliary Hoists: two 25 TE Each Lift  
Span: 25 ft  
Crane Weight: 60 tons

## **Xmas Tree Trolley**

The Xmas tree trolley is used to transport the Xmas tree from storage position to well center.

(Typical Design Parameters)

SWL: 50 - 200 tons  
Railspan: 25 ft  
Travel length: 60 ft  
Travel speed: 20 ft (proportional)  
Weight: 48 tons (trolley)

## **Skid Units**

Skid units are typically used to move handle BOPs, Xmas Trees, Subsea templates and mud mats around the moonpool / cellar deck areas and on to the main deck.

## **Xmas Tree Skid**

(Typical Design Parameters)

Safe Working Load: 80 tons  
Travel Speed: 25 ft (proportional)  
Mode of Travel: Hydraulic Cylinder (double-acting)  
Direction Of Travel: 4-Way  
Rail Span: 8 ft  
Total weight: 4 tons

For additional information about our complete line of BOP and Xmas Tree handling equipment, please contact your TSC representative.

