

The glimpse of successful completion of the Heavy lift job in Sohar Refinery.

25th May 2013-Absorber Erection

Demag AC500-1 T: Crane configuration: 47.2 main boom/ Super lift /180t counter weight  
Lift details: Load 79t (Cylindrical stack of 11 m length and 11 m diameter). Lifting Radius: 16 m / Tip height: 48 m/ Lift elevation:25m



## Cone Erection 6<sup>th</sup> June 2013

Demag AC500-1 T: Crane configuration: 37.9m main boom/ 60 m luffer jib / 180t counter weight  
Lift details: Load 19.7t (Cone 4.5 m length and 11 m diameter). Lifting Radius: 31 m / Tip height: 101 m/  
Lift elevation: 29.5m





### ST#1 Erection – 7th June 2013

Demag AC500-1 T: Crane configuration: 37.9m main boom/ 60 m luffer jib / 180t counter weight  
Lift details: Load 13t (Cylindrical stack of 10.5 m length and 4 m diameter).  
Lifting Radius: 31 m / Tip height: 101 m/ Lift elevation: 40m



### Reheat Duct & ST#2 Erection (2in 1)-10th June 2013

Demag AC500-1 T: Crane configuration: 37.9m main boom/ 60 m luffer jib / 180t counter weight  
Lift details: Load 16t (Cylindrical stack of 10.5 m length and 4 m diameter). Lifting Radius: 31 m / Tip height: 101 m/ Lift elevation: 53.5m



**ST#3 Erections 13th June 2013**

**Demag AC500-1 T: Crane configuration: 37.9m main boom/ 60 m luffer jib / 180t counter weight  
Lift details: Load 16t (Cylindrical stack of 10.5 m length and 4 m diameter).  
Lifting Radius: 31 m / Tip height: 101 m/  
Lift elevation: 64m**



**ST# 4 & 5 Erection 14th June 2013**

**Demag AC500-1 T: Crane configuration: 37.9m main boom/ 60 m luffer jib / 180t counter weight  
Lift details: Load 23t (Cylindrical stack of 21 m length and 4 m diameter). Lifting Radius: 31 m / Tip  
height: 101 m/ lift Elevation: 85 m**



**Site:** ORPIC Sohar Refinery

**Customer:** STS – Alstom

**Crane:** Demag AC500-1

**Configuration used:**

1. 47.2 m main boom + Super lift // 79.t load @ 16m radius and 25m elevation
2. 37.9 m main boom+ 60 m luffer jib // 23t load @ 31m radius and 85m elevation
3. 37.9 m main boom + 36m luffer jib // 23t load @ 40m radius and 40m elevation

Thanks to everyone for their support.

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