



## **TTS CRANE SPECIFICATION**

Make: TTS  
Type: CCKO-1250-60-20  
Design Temperature: -10°C  
Max. list/trim conditions: 5+2\*  
Luffing speed:  
Main boom: 70sec from min to max limits

### **MAIN HOOK:**

Dynamic factor 1.3  
Max. Lifting capacity: 60 Ton, 1 fall  
Outreach at max lifting cap: 4.6-12 radius  
Max. Outreach: 20m  
Lifting capacity at max outreach: 27 tons  
Hook travel length: 2000m  
Hook speed fully loaded: 0-25m/min  
Hook speed light loaded: 0-50m/min  
Max. effective lifting capacity at 2000m depth: 35 tons.

### **MAIN WINCH DATA:**

Max. lifting capacity: 60 ton  
Wire capacity: 2000 m  
Main wire dimension:  $\varnothing$  52 mm  
Wire type: Galvanized, non rotating type  
Drum dia c/c first layer: 2272 mm  
No. off layers/windings: 16/15 windings  
Drum dia. flange: 4092 mm  
Drum width: 825 mm

Capacity: 60 tons  
Drive type; Electro Hydraulic  
Operation temp Range: -20°C to +45°C  
Aux. Boom: 45 sec from min to max limits  
Slewing sector: 360\*  
Slewing Speed: 0-1.5RPM

### **AUX. HOOK:**

Dynamic Factor: 2  
Max. Lifting capacity: 15 ton 1fall  
Outreach at max. capacity: 3.8-23M radius  
Max. Outreach: 23m radius  
Lifting capacity at max outreach: 15 tons  
Hook to travel length: 100m  
Hook speed fully loaded: 0-50m/min  
Hook speed light load: 0-100m/min

### **ACTIVE HEAVE COMPENSATION DATA:**

Max. Load: 60 ton  
Heave Period: 9 sec  
Heave Amplitude:  $\pm 3$ m (6m tot. Motion)  
Max. Acceleration:  $1.46 \text{m/s}^2$   
Max. Compensation speed: 2m/s  
Max. Lifting speed: 0.15m/s

