

Offline Activity Crane

Forum Energy Technologies' offline activity crane (OAC) is a compact, fit-for-purpose derrick or mast-mounted hoist that facilitates a seamless standbuilding operation. The OAC hoists and racks drillpipe, tubing and casing, ranging from 2 7/8 to 13 5/8 in.

The OAC standbuilding solution reduces nonproductive time (NPT) by combining hoisting functions with x-y travel - through a trolley system - to offer a single, easily installed and managed unit.

The process is independent of drawworks and rotary activities. The entire system is designed to operate outside of critical paths of operation and to avoid the hoisting travel path, thus eliminating the potential interference and collisions with the hoisting equipment.

Our new SH-One load shoulder elevator system functions via single-handed operation. As a result, the derrickman can remain in a safe position while racking and tripping pipe.



Offline Activity Crane

Benefits

- Improves rig efficiency and helps save 8 to 10 hours of building stands of drill pipe
- Provides up to 70% faster run times when installing casing in doubles
- Helps ensure wellbore integrity with a proportional reduction in open hole time
- Decreases HSE risk by mitigating swinging loads

Features

- Facilitates building stands of drill pipe offline
- Facilitates casing running in doubles
- Facilitates vertical lifts, as opposed to hoisting from an angle
- Can be used as an additional tugger

Technical Specifications

| | 5K OAC | 12K OAC | 14K OAC | 14K-R OAC | 16K-R OAC | 22K OAC | 22K-R OAC |
|---------------------------------|---|--------------------------|--------------------------|---|---|---|---|
| Safe working load | 5,000 lbs (2,250 kg) | 12,000 lbs (5,450 kg) | 14,000 lbs (6,350 kg) | 14,000 lbs (6,350 kg) | 16,000 lbs (7,250 kg) | 22,000 lbs (10,000 kg) | 22,000 lbs (10,000 kg) |
| Approx. Weight | 10,000 lbs (4,535 kg) | 16,450 lbs (7,460 kg) | 14,440 lbs (6,552 kg) | 35,274 lbs (16,000 kg) | 33,418 lbs (15,158 kg) | 38,283 lbs (17,365 kg) | 40,000 lbs (18,150 kg) |
| Hydraulic Supply | 3,000 psi (207 bar) 50 GPM (190 LPM) | | | 3,000 psi (207 bar) 55 GPM (210 LPM) | 3,000 psi (207 bar) 65 GPM (246 LPM) | 3,000 psi (207 bar) 45 GPM (170 LPM) | 3,000 psi (207 bar) 75 GPM (284 LPM) |
| Vertical Hook Travel | 138 ft (42 m) | | | 164 ft (50 m) | 148 ft (45 m) | 148 ft (45m) | 164 ft (50 m) |
| Max Tubular Size | 9 5/8" | 13 5/8" | | | | | |
| Max Hoist Speed | Varies by Model, Load and Direction | | | | | | |
| Electrical Supply | 60 A at 120 VAC | | | | | | |
| Cross and Long Travel Side Pull | 1,000 lbs (453 kg) | | | | | | |
| 3rd Party Approval | ABS Design Assessment Available | | | | | | |