

# SSU-B

## Spooling Unit

### PRODUCT DESCRIPTION

BlueFin Model B spooling unit's use is for deploying and removing control line, TEC and flatpacks in downhole oil and gas applications.

This multi-purpose unit has many features that benefit the user and products by providing enhanced features for continuous communication with downhole tools and a safe environment by protecting the user and the products.

This unit is designed and certified to multiple lifting codes that are globally recognized and accepted.

The purpose of the Performance Specification is to express the unit's output capabilities based on individual Components built into the equipment.



### BENEFITS & APPLICATIONS

- Removable front top rail for safer spool loading and unloading operations.
- Quick release spool shaft.
- Multi-port hydraulic slip ring for continuous services which allow for pressures to be controlled during installation operations.
- Electrical Slip Ring for uninterrupted communication during the installation of permanent monitor systems.
- Completely enclosed providing maximum protection to personnel and products.
- Removable control panel which allows for operation of the unit to be conducted in a safe zone.
- Level wind system optional.

### PRODUCT SPECIFICATION

#### FRAME & COMPONENTS SPECS

Design Specs: DNV 2.7-1; EN 12079 (parts 1 & 2); IMO MSC/860; LRCCS

Footprint	102"H x 89-3/4"L x 80-11/16"W
Max Gross Payload	18,750 lbs
Tare	14,000 lbs
	4,750 lbs
Design Temperature	-20C
Max Spool Size	72" Flange x 54" OAW
Sling Set	Four Leg 7/8" Dia. Steel 6 x 19 10'-3" Long Steel Core IWRC
Shackle Size	Four 1" 8-1/2 Ton Crosby
Forklift Pockets	6" x 10" Four Way

#### DRIVE SYSTEM SPECS

Chain and Sprocket Drive Train

Max Line Pull; Speed	350 lbf; 516 ft/min
Shaft Size / Material	3" / 17-4SS
Hydraulic Feed-Thru Ports	3
Pressure Rating	20,000psi
Air Req.	20 psi @ 11 CFM – 100 psi @ 130 CFM

#### INDUSTRY EXPERIENCE

BlueFin's technical capabilities extend from upstream business units and gathering facilities to midstream assets and downstream processing. Our Pipeline, Process and Production Optimization services provide flow and integrity assurance from the reservoir to the refinery. BlueFin is focused on the highest standards of employee safety and training in all environments, on and off the job.