

Well Construction

Frank's Tubular Running Service (TRS) - Casing Technologies

EXTENDED RANGE™ Split Bushing Spider (1,250 and 1,000 Ton)

The unique design of Expro's Extended Range™ Split Bushing Spider allows the tool to grip casing with improved resistance to slip crushing in comparison to standard casing tools.

Our Spider/Elevator Interlock System ensures that either the spider or the elevator is properly set on the pipe before the companion tool is allowed to open.

The spider's custom design centers pipe automatically without the need for an external centering device. Hydraulic slip actuation ensures the slips are set.

Slips open to provide a passage which is 5 inches in diameter over the nominal pipe size for which the tool is dressed. For example, with the spider dressed for 20 inch casing, the passage through the open slips is 25 inches in diameter.

Tapered casing strings can be run with little or no adjustments and without changing slips.

Features and Benefits

- The first casing spider available to the industry with a safe-working load rating greater than 1,000 tons
- Available in 1,250 and 1,000 ton
- Centers pipe automatically without the need for an external centering device
- Tapered casing strings can be run with little or no adjustments and without changing slips



22 inch x 1,250 Ton Split Bushing Spider



Well Construction

Frank's Tubular Running Service (TRS) - Casing Technologies

EXTENDED RANGE™ Split Bushing Spider (1,250 and 1,000 Ton)

| Specifications | | | | | | | |
|---------------------|---------------------------------|------------------|-----------------|--------|--------------------|------------------|----------------|
| Model | Weight | Dimensions (in.) | | | Rotary table (in.) | Pipe range (in.) | Rated capacity |
| | | Into rotary | Above rig floor | O.D. | | | |
| 22 inch - 1,250 ton | 11,115 pounds (dressed for 17") | 20 7/8 | 5 7/8 | 52 1/2 | 49 1/2 | 11 3/4 - 22 | 1,250 tons |
| 14 inch - 1,000 ton | 5,788 pounds (dressed for 14") | 22 | 5 3/4 | 40 | 37 1/2 | 4 1/2 - 14 | 1,000 tons |
| 30 inch - 1,000 ton | 7,800 pounds (dressed for 30") | 23 | 9 1/8 | 52 1/2 | 49 1/2 | 24 - 30 | 1,000 tons |