

# Well Construction

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

### Inner String Spider

The 7 5/8 inch 175 Ton Inner String Spider has been engineered to handle strings ranging in size from 2 3/8 in to 7 5/8 in. A pneumatic cylinder actuates a link that rotates crankshafts, which, in turn, lift and lower slips. A safety pin can be engaged to disable the movement of the link, halting the slips in either an "up" or "down" position. This Expro innovation enables remote operation to eliminate the manual bowl and handslips typically required of inner string applications. The slips can also be actuated manually.

Specifications	
Height	21 in
Base dimension	24 in x 23 1/2 in
Capacity	175 tons
Weight	1,600 lbs.
Gate opening	7 3/4 in
Bowl opening	9 5/8 in
Tubular range	2 3/8 in - 7 5/8 in

