

Well Construction

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

EXTENDED RANGE™ Split Bushing Spider

Features and Benefits

- EXTENDED RANGE™ design allows tapered casing strings to be run without redressing the spider (example; 9-5/8" x 10-3/4")
 - Eliminating the need to change the spider when between casing sizes
 - Reducing the risk of differential sticking
 - Reducing risks of crushing, pinch-points, strains, etc.
 - Saving Rig Time (up to 1 hour for an elevator swap)
- Optimized slip design significantly reduces the risk of slip crush
- Long slip travel maximises pass-through diameters and coupling clearance
- Equipped with Expro's proprietary Spider/Elevator Interlock System
 - Control Console enables remote control from outside the Red Zone
 - Optional 'Wireless-Control' through Expro's Centri-FI Control System
 - Optional 'Driller-Control' through Expro's Centri-FI Control System



Specifications

Model	Weight	Total Height	Depth below Rig Floor	Height Above Rig Floor	Max Width	Rotary Table Size	Pipe Range	XR	Rated Capacity	Hyd	Air
30 in 1,000 ton	9,276lbs (4,208 kg) ¹	32 5/8 in (829mm)	23 1/2 in (597 mm)	9 1/8 in slips-down 20 3/8 in slips-up (232 mm - 518mm)	55 1/4 in (1,403 mm)	49 1/2 in	24 - 30 in (610 mm - 762 mm)	2 in (51 mm)	1,000 tons	X	
22 in 1,250 ton	11,966 lbs (5,428 kg)	29 7/8 in (759 mm)	21 1/8 in (536 mm)	8 3/4 in (222 mm)	52 1/2 in (1,334 mm)	49 1/2 in	11 3/4 - 22 in (298 mm - 559 mm)	2 3/8 in (60 mm)	1,250 tons	X	
22 in 500 ton (49 1/2 in Rotary)	8,356 lbs (3,798 kg)	37 1/4 in (946 mm)	18 3/8 in (467 mm)	18 7/8 in (479 mm)	53 5/8 in (1,362 mm)	49 1/2 in	16 - 22 in (406 mm - 559 mm)	2 in (51 mm)	500 tons		X
22 in 500 ton (37 1/2 in Rotary)	5,250 lbs (2,386 lbs)	40 1/4 in (1,022 mm)	19 3/4 in (502 mm)	20 1/2 in (521 mm)	51 1/4 in (1,276 mm)	37 1/2 in	16 - 22 in (406 mm - 559 mm)	2 in (51 mm)	500 tons	X	X
14 in 1,000 ton	6,682 lbs (3,031 kg)	29 1/4 in (743 mm)	Up to 23 3/8 in (594 mm)	Up to 7 1/8 in (181 mm) ²	39 5/8 in (981 mm)	37 1/2 in	4 1/2 - 14 in (114 mm - 356 mm)	2 in (51 mm)	1,000 tons	X	
14in 500 ton	3,100 lbs (1,407 kg) ¹	36 5/8 in (930 mm)	21 3/4 in (552 mm)	14 7/8 in (378 mm)	39 1/2 in (1,003 mm)	27 1/2 in	4 1/2 - 14 in (114 mm - 356 mm)	1 1/2in (38.1 mm)	500 tons	X	X
6 5/8 in 11,250 ton	12,500 lbs (5,669 kg) ¹	47 in (1,194 mm)	Up to 41 1/8 in (1,045 mm) ³	Up to 7 1/8 in (181 mm) ³	52 in (1,321 mm)	49 1/2 in	6 5/8 - 6.906 in (154 mm - 175 mm)	0.281 in (7 mm)	1,250 tons	X	

Note: Refer to equipment manuals for top-guide, bottom-guide and slips-up pass-through dimensions for each dressing.

1. Heaviest Dressing

2. See M-099 for more details

3. See M-183 for more details