

Well Construction

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

Wide Track Remote Tong System (RTS)

Expro's Wide Track RTS is a modular system capable of making up and breaking out a large range of pipe sizes with three different tong cassette modules. The self-contained system supports Expro's 7 5/8 inch Casing and Tubing Tong Cassette, Expro's 14 3/8 inch Casing Tong Cassette, and Expro's XT-22 Casing Tong Cassette. The Wide Track System is designed to operate in two configurations: one which utilizes its own rail system that can be installed on top of the rig floor and one which uses the rig's built in iron roughneck rails.

Features and Benefits

- 2 rail options:
 - Expro's supplied rail system
 - Rig's iron roughneck rails
- Modular cassette system
 - Cassettes can be installed into carriage in minutes
- Self-contained air over hydraulic control operates independently from rig's control systems
- Hydraulic supply options:
 - Portable diesel units
 - Portable electric units
 - Rig-supplied hydraulics
- Compatible with Expro's Data Trek® Torque Turn Monitoring System
- Compatible with Expro's Integrated Control System for torque hold required connections
- 14 3/8 in Cassette provides for variable separation distance between tong and backup to accommodate casing and drill pipe landing string connections
- 7 5/8 in Cassette can be supplied with Expro's Fluid Grip™ for the ultimate in non-marking gripping systems for use on CRA tubulars



Specifications

	Wide Track Carriage*	X-22 Tong Cassette Module	14 3/8 Tong Cassette Module	7 5/8 Tong Cassette Module
Overall dimensions (l x w x h)	110 in x 86 in x 110 in	105 in x 63 in x 96 in	90 in x 54 in x 90 in	90 in x 54 in x 90 in
Cassette weight	13,000 lbs w/ XT-22 Cassette	8,500 lbs	6,700 lbs	3,900 pounds
Torque high gear	N/A	18,000 ft-lbs	11,000 ft-lbs	5,600 ft-lbs
Torque low gear	N/A	100,000 ft-lbs	70,000 ft-lbs	30,000 ft-lbs
Maximum speed	N/A	19 1/4 rpm	34.6 rpm	60 rpm
Casing size range	N/A	9 5/8 in - 22 in	4 5/8 in - 14 3/8 in	2 in - 7 5/8 in
Vertical Stroke	50 in			Optional Fluid Grip™ kit available

*Accepts 3 Expro's Tong Cassettes, Emergency Shut Down Features