

# Well Construction

## Frank's Tubular Running Services (TRS) - Drilling Services

### Hydraulic Catwalk

#### Features and Benefits

- Safely increases pipe handling speeds between the pipe-rack and rig floor by eliminating crane hazards
- Dramatically reduces the risk of accidents through explosion-proof, remote operations
- Programmable Logic Controller (PLC) system controls automation and functionality through sensors to reduce maintenance, replacement parts, and down time
- Reduces footprint and logistics requirements by fitting onto one truck for ease of mobility
- Foldable pipe loaders enable ability to fit onto most rigs without need to modify configurations or remove existing catwalk
- Protects chrome tubulars with UHMW PE-1000 polyurethane applied layer across machine pathways
- Advanced telescoping system positions pipe closer to the well bore to ease pick-up and laydown rig floor operations





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Specifications	
Equipment Type	Mechanized - Electromechanical and Hydraulic
Machine Total Weight	50,700 lbs [23.0 tons]
Machine Total Length	76 - 93.8 ft [23.2 - 28.6 m]
Rig Floor Height	10 - 42 ft [3 - 12.8 m]
Electrical Motor	No.2 x 22 kW @50 Hz / 25 kW @60 Hz
Hydraulic Pump	No.2 Variable Displacement
Voltage	380-480 V
Frequency	50-60 Hz
Transport Loads	No. 1
Transport Dimensions	43.0 x 8.2 x 9.8 ft (13.1 x 2.5 x 3.0 m)
Max Pressure	3600 psi [250 bar]
Max Flow Rate	44.6 GPM (169 L/min) @ 2250 rpm
Pipe Weight	8,800 lbs [4.0 tons]
Pipe Length	Up to 50 ft [15 m]
Pipe OD Max	30 in.
Time for Cycle	Less than 120 seconds
Controls	Radio Remote, Cable Remote, Manual & HMI Touchscreen Display
Pipe Type	HWDC, HWDP, DP, CSG, TBG, CRA/Chrome