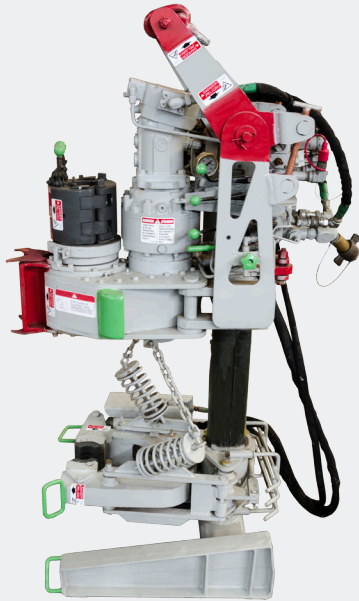


Dual String Tong



Key Benefits and Features

- Can be configured with conventional 2-die or wrap-around inserts as well as Frank's Fluid Grip® technology
- High efficiency axial piston motor insures consistent high torque capabilities and facilitates a hydraulic speed control that eliminates the need to shift gears
- Torque monitoring provided through a hydraulic load cell or with Frank's Data Trek Advantage® data acquisition system
- Both the conventional and Fluid Grip® models of the Dual String Tong incorporate Frank's patented Zero Side Load back-up technology
- Ability to run dual completions from one side by swallowing near coupling with Deep Throat back-up design

Use in the following applications: Deepwater and ultra-deepwater Mid-water shelf Land

Specifications

Pipe Size Range	2 1/16 inches - 3 1/2 inches
Height	72 inches
Length	45 inches
Width	25 inches
Tong Weight, Including Backup	1,500 pounds
Maximum Torque (constant)	7,500 pounds
Operating Pressure	3,000 pounds per square inch
Flow	24 - 30 gallons per minute
Low Speed	1 revolution per minute
High Speed	30 revolutions per minute at 30 gallons per minute

