

Scorpion



Break Out / Make Up Tong



New Concept in Servicing Downhole Tools

Model 800 Series

Break Out / Make Up Hydraulic Chain Tong



Model 800ST
Horizontal Position

Model 800ST
Vertical Position



Specifications:

Standard Package Capacity Range:

4"-11" O.D.

Full Working Capacity Range:

2"-11" O.D.

Weight:

900 lbs. (410 Kg)

Make Up Torque:

45,000 ft. lbs.

Break Out Torque:

50,000 ft. lbs.

Computerized Torque

Read-Out System available.

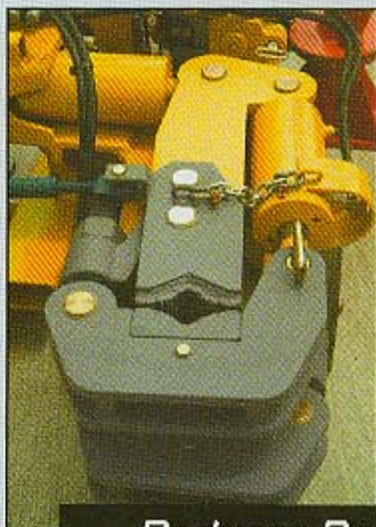
Shipping Dimensions:

Length: 48" (122 cm)

Height: 39" (99 cm)

Width: 34" (86 cm)

Weight: 1,250 lbs.



Reducer Package

2"-4 1/2" O.D. Working Diameter Range

Model 800DM
Drill Mounted



Model 800VT
All Positions Hydraulic Tong
with detachable power pack



Features:

- Compact and Portable, Self-Maintained Unit
- No Extra Backup Or Lifting Equipment Required
- Handles A Wide Diameter Range With Same Setup
- Instantly Changes From Break Out to Make Up Mode
- Safe To Operate and Easy To Handle
- Operates In Vertical Or Horizontal Position In Limited Space
- Chain Design Safely Enables Tong To Handle Tools, Regardless Of Design Or Application
- Portable And Designed With Two Hydraulic Chain Tongs In One Unit, With One Being The "Built-In" Backup
- Powered By Diesel, Gasoline Engine, Electric Motor, Or Air/Hydraulic Pump
- The "Hydraulic Chains" Are Designed To Grab Any Shape With Different O.D. Sizes At The Same Time

Applications:

Oil Field, Offshore Drilling, Directional Drilling, Down Hole Tools, Wire Line, Shop Use, Mining, Water Well, River Crossing and Construction Drilling

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SCORPION 13911 Faber Street Houston, Texas 77037 U.S.A.

Phone: 281-999-TONG

Fax: 281-999-2502

Phone: 281-999-8664

Email: scorpiontong@scorpion-tong.com

www.scorpion-tong.com

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MODEL 800 SERIES BREAK OUT - MAKE UP HYDRAULIC TONG

SCORPION MODEL 800ST

DUAL POSITION, INCLUDES MAKEUP/BREAKOUT HYDRAULIC CHAIN TONG AND BACK-UP CHAIN TONG, ONE SET FIXED JAWS, BUILT-IN POWERPACK ALL MOUNTED ON WHEELS. RECOMMENDED FOR SHOP AND FIELD USE.

SCORPION MODEL 800VT

ALL POSITIONS HYDRAULIC CHAIN TONG WITHOUT WHEELS. REQUIRES LIFTING CRANE. COMES COMPLETE WITH STORAGE STAND, DETACHABLE POWERPACK AND 20' HYDRAULIC HOOKUP HOSES. RECOMMENDED FOR ANY USE ESPECIALLY HARD TO REACH LOCATIONS.

SCORPION MODEL 800DM

DRILL MOUNTED UNIT THAT OPERATES BY THE RIG'S HYDRAULIC SYSTEM AND HANDLED BY THE RIG WINCH. OPERATED IN VERTICAL OR HORIZONTAL POSITION OR ANY ANGLE. TAKES MINIMUM SPACE WHILE BREAKING OUT JOINTS AND CAN BE STORED ON THE RIG OR IN SPECIAL FOLDING TRAY INCLUDED IN PACKAGE. NO POWERPACK, WHEELS OR CARRIER INCLUDED.

ADDITIONAL INFORMATION

ALL MODEL 800 SERIES INCLUDES ONE BREAKOUT - MAKEUP CHAIN, ONE BACK-UP CHAIN, SEVEN (7) LINKS PER CHAIN, ONE SET OF FIXED JAWS. STANDARD CAPACITY RANGE FOR MODEL 800 SERIES IS 4" THRU 11" O.D., TO 50,000 FT. LBS. TORQUE. FOR UNDER 4" O.D. TOOLS THE SCORPION REDUCER PACKAGE IS REQUIRED. THIS HYDRAULIC CHAIN TYPE DESIGN CAN GRAB ANY SHARP TOOL AND CAN HANDLE JOINTS WITH DIFFERENT SIZE O.D. ON EACH SIDE. EASY TO OPERATE, SAFE TO HANDLE AND SIMPLE TO OPERATE. UNITS THAT INCLUDE POWERPACK CAN CHOOSE FROM GAS ENGINES, ELECTRIC MOTORS, DIESEL OR AIR/HYDRAULIC. ADDITIONAL ACCESSORIES ARE ALSO OFFERED DEPENDING ON APPLICATION.

"SCORPION" Tel: (281) 999-TONG

"Scorpion" 13911 Faber Road • Houston, Texas 77037 • USA

Tel: (281) 999-8664 • FAX (281) 999-2502