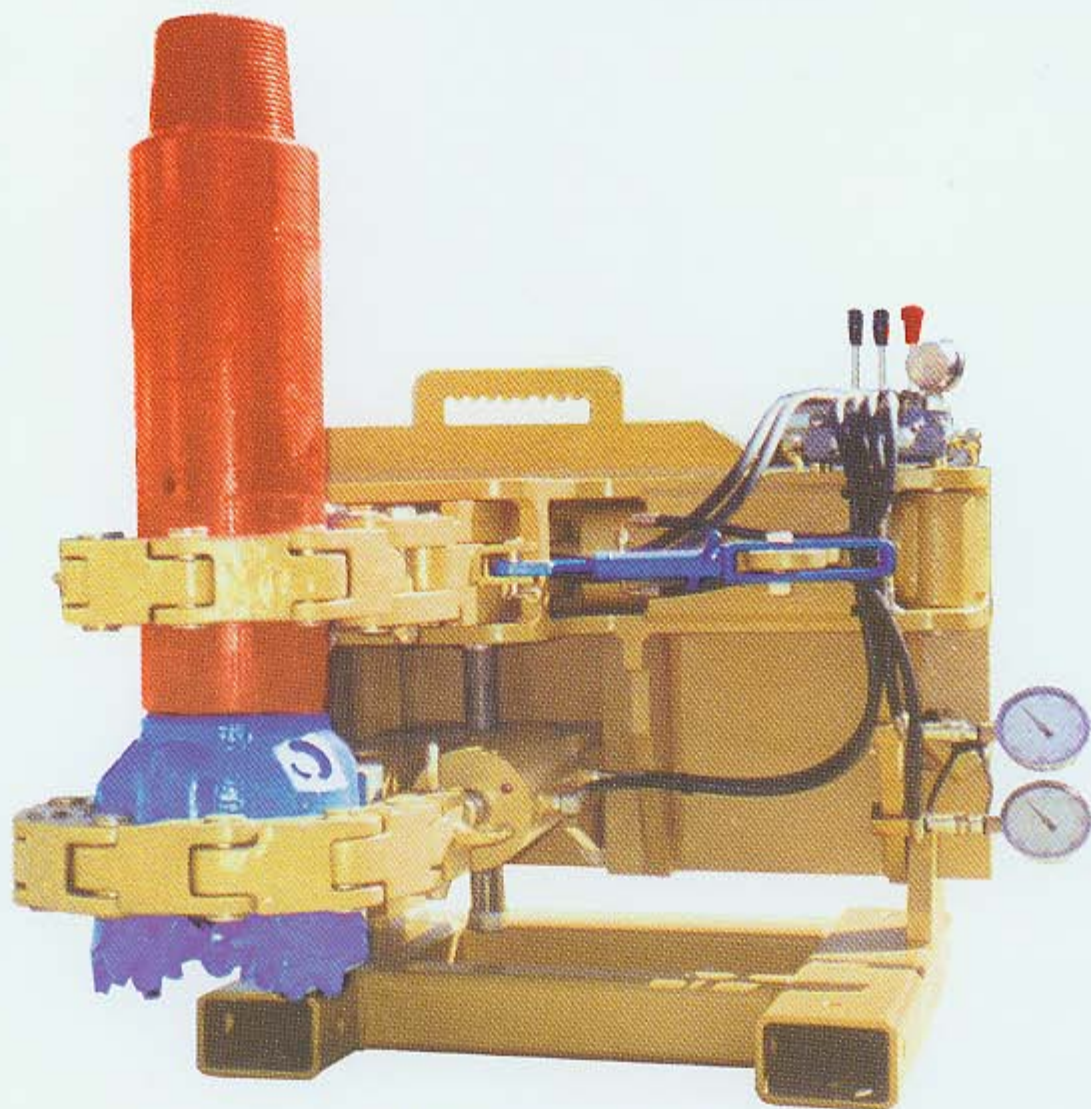


Scorpion



*Break Out / Make Up Tong
Model 2000 Series*



*Model 2000 VT
Working Range: 2 3/8" O.D. to 36" O.D.*

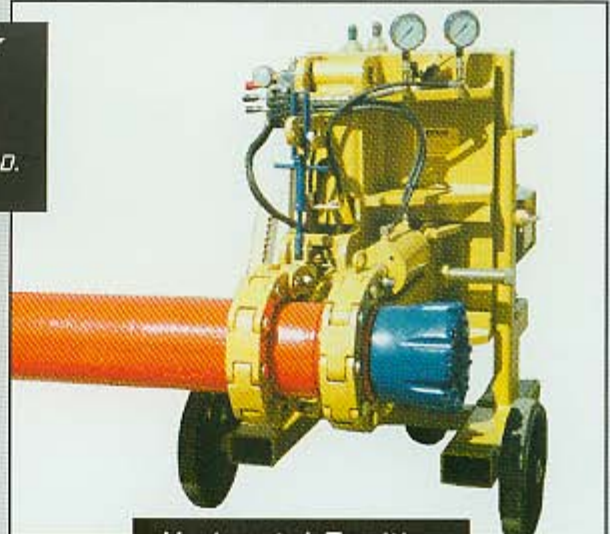
New Concept in Servicing Drilling Tools



Vertical Position

Model 2000 LRT Dual Position

Standard Range: 7" O.D. to 11" O.D.
Working Range: 2-3/8" O.D. to 36" O.D.
Breakout Torque: 200,000 FT. LBS.



Horizontal Position

Specifications:

Working Diameter Range:
2-3/8" O.D. - 30" O.D.

Breakout Torque:
200,000 ft. lbs.
(16" O.D. @ 4000 Psi.)

Makeup Torque:
190,000 ft. lbs.

Shipping Dimensions:

Length: 60" (152 cm)
Height: 40" (101 cm)
Width: 54" (137 cm)
Weight: 2,500 lbs. (1135 Kg.)



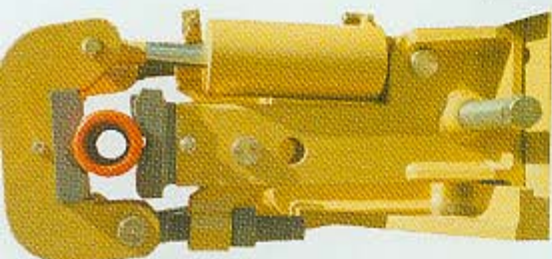
**Model 2000 LRT
with Reducer Package**

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

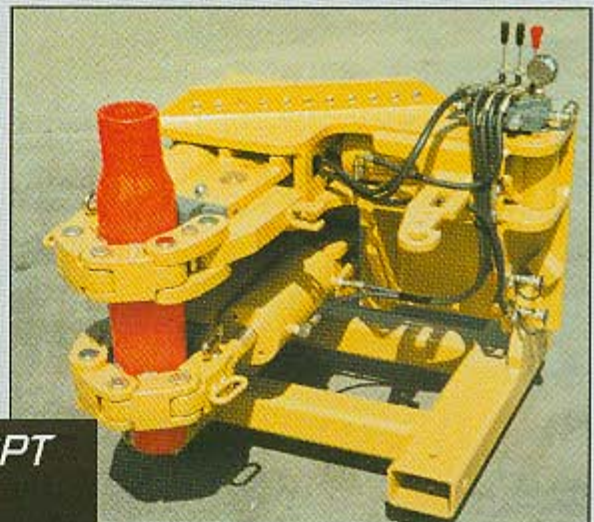


Reducer Package

Working Range: 2-3/8" O.D. to 7" O.D.

Model 2000 DPT Drill Pipe Tong

5-1/2" O.D. to 8" O.D. Drill Pipe
4-1/2" O.D. to 6-5/8" API Threads
Breakout Torque: 100,000 FT. LBS.



Scorpion

MODEL 2000 SERIES

BREAK OUT - MAKE UP HYDRAULIC CHAIN TONG

SCORPION MODEL 2000 LRT

SELF-MAINTAINED PORTABLE UNIT MOUNTED ON 3-WHEEL DOLLY WITH SPECIAL FORKLIFT SLIDES AND LIFTING EYES. DUAL POSITION, INCLUDES MAKEUP/BREAKOUT HYDRAULIC CHAIN TONG AND BACK-UP CHAIN TONG, ONE SET OF REMOVABLE JAWS, BUILT-IN POWERPACK. SAFE AND EASY TO USE. STANDARD PACKAGE COMES COMPLETE TO RUN 7" - 11" O.D., WORKING RANGE IS 2-3/8" - 30" O.D., WITH ADDED ACCESSORIES.

SCORPION MODEL 2000 DPT

BREAKOUT - MAKEUP DUAL POSITION AND PORTABLE HYDRAULIC CHAIN DRILL PIPE TONG WITH BUILT-IN BACKUP CHAIN TONG. CAPACITY IS 5-1/2" - 8" O.D. DRILL PIPE, 4-1/2" - 6-5/8" API THREADS, BREAKOUT/MAKEUP TORQUE 100,000 FT. LBS. CAN BE OPERATED ON RIG'S HYDRAULICS OR SCORPION POWERPACK.

SCORPION MODEL 2000 RST

DESIGNED TO HANDLE ALL DOWNHOLE TOOLS IN VERTICAL OR HORIZONTAL POSITION, ESPECIALLY DRILL PIPE AND DRILL BITS AND JOINTS WITH DIFFERENT O.D. SIZES AT EACH END. USED AS A PORTABLE BACKUP UNIT FOR OTHER RIG OPERATIONS, WILL REPLACE ROUGHNECK AS PORTABLE BREAKOUT/MAKEUP TONG.

SCORPION MODEL 2000VT

DESIGNED WITH TWO HYDRAULIC CHAIN TONGS IN ONE UNIT WITH ONE BEING THE "BUILT-IN BACKUP" WHICH COVERS SAME RANGE AS THE MAKEUP TONG. THE CHAINS ARE DESIGNED TO GRAB ANY SHAPE WITH DIFFERENT O.D. SIZES AT SAME TIME. SELF-MAINTAINED, PORTABLE UNIT WITH DETACHABLE POWERPACK, CAN OPERATE IN EITHER POSITION ON RIG FLOOR OR IN THE FIELD. WORKING RANGE 2-3/8" - 30" O.D.

- COMPUTERIZED TORQUE READ-OUT SYSTEM AVAILABLE.