

# 50 Ton Bend, Tensile and Fillet Tester



Model 273-50FT



## OVERVIEW

The Fillet Weld Tester is a 50-Ton Bend and Tensile Tester with the added ability of fillet weld testing. This machine was specifically built specifically to break fillet weld coupons with increased safety for the operator. Fillet insert plates are interchangeable with a die and plunger set for greater versatility. The Fillet Weld Tester introduces a safe, repeatable testing method that can easily perform guided bend, pull tests and fillet break tests all with one heavy duty machine.

## FEATURES AND BENEFITS

- Safely break fillet welds; ideal for educational weld testing
- Performs guided bend, tensile and fillet break tests
- Comes standard with ASME 3/8" die and plunger and 1/4" - 1/2" jaws
- Includes: Liquid-filled certified gauge with high level indicator, electric pump, (1) set of fillet insert plates, (1) set of pulling jaws, (1) die and plunger set
- Optional die and plunger sets to meet code
- 1 year warranty



Fillet Insert Plates

## ESTIMATED SHIPPING WEIGHT

Model No.	Description	Weight
273-50FT	50T Bend, Tensile and Fillet Tester w/Elec. Pump	350 lbs. 18.8 kg.
116P	ASME Die/Plunger Set	Call for Weight
116N	API Die/Plunger Set	Call for Weight
115A	Jaws for Tensile Tester	Call for Weight
13R	Carrying Case	Call for Weight

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## ACCESSORIES

### HAND PUMP (526-5)

- Formed handle provides less flex
- Durable all metal construction for long life
- Fill cap seal acts as safety valve preventing over pressurizing



### FOOT PUMP (526-20)

- Compact, lightweight, and portable
- Air requirement, operates at 40-100 psi (3-8 bar) at the pump
- Permanently vented reservoir cap with an internal relief valve



### ELECTRIC PUMP (526-28)

- Operating pressures to 10,000 psi (700 bar)
- 1/2 hp, 3,450 rpm, single-phase, thermal protected induction motor; 10 ft. remote control cord
- Extremely quiet noise level



### DIE & PLUNGER SETS

\*ASME 3/4" also available



ASME 1/4"    ASME 3/8"    ASME 1/2"    API 1104

### JAW SETS

#### 275-25    275-50

- |                |             |
|----------------|-------------|
| 1. 1/4" - 1/2" | 1/2" - 3/4" |
| 2. 0" - 1/4"   | 1/4" - 1/2" |
| 3. NA          | 0" - 1/4"   |
| 4. NA          | 3/4" - 1"   |

