

FILLET WELD TESTER

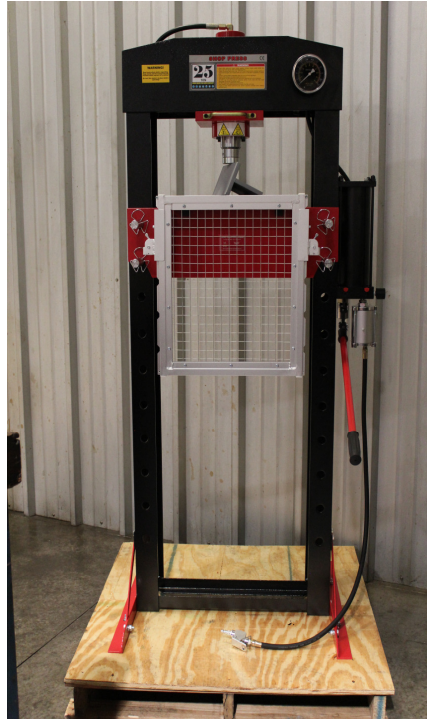
MODEL FWT1

“Test fillet welds in accordance with AWS and ASME codes”

This unit will perform qualification and process control testing of typical fillet-welded “T” joints made from 1/2” maximum thickness hot rolled low-carbon steel. The specimens to be tested must have dimensions in accordance with one of the following codes or standards: AWS D1.1, ASME Section IX, or AWS B2.1.

We provide a 25 ton, Hydraulic H-Frame Press, which includes the following:

- 6” Stroke cylinder with spring return
- Air and hand powered hydraulic pump
- Pressure gauge
- Safety Guard to protect the operator



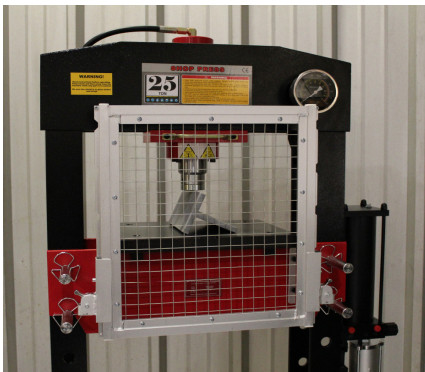
FWT1-AH Air/Hand Operated Version

The aluminum Safety Guard can be easily raised or lowered between tests. The aluminum mesh protects the operator and bystanders. An optional second guard can be provided on the back side of the press so that additional workers or students can safely observe tests.

The Model FWT-AH is shown here. It can be operated pneumatically or

manually. An electric powered version is also available (Model FWT-E). This model uses an electric pump that allows for fast operation when air is not available. The pump operates on 120 VAC.

The hardened and ground steel plate is located on the bed of the press. The specimen to be tested is placed on this plate, centered under the cylinder ram. During testing, the two legs of the specimen that contact the plate, slide on the hardened and smooth-ground surface. This allows the specimen to be flattened, or the weld to fracture, whichever occurs first.



HOW TO ORDER

Part No.	Description
FWT1-AH	Includes a hand operated pump. 72”H x 36”W x 30”D, 400 lbs. total
FWT-E	Includes an Electric-driven pump (120VAC). 72”H x 36”W x 30”D, 400 lbs. total
GUARD	Sliding guard, for back of the press, installed, 10 lbs.

**FISCHER
ENGINEERING
Company,
LLC**