



Toll Free: 1-800-579-8088 Web: www.zinko.com

MODEL

ZWS Series Hydraulic Spreaders

Operation & Maintenance Manual

Important Receiving Instructions

Visually inspect all components for shipping damage. Shipping damage is NOT covered by warranty. If shipping damage is found, notify carrier at once. The carrier is responsible for all repairs and replacement costs during product shipping.

Safety Information

Read and follow all **instructions**, **warnings**, and **cautions** carefully. Follow all safety precautions to avoid personal injury or property damage during system operation. ZINKO is not responsible for damage or injury resulting from unsafe product use, lack of maintenance, or incorrect product and/or system operation. Contact ZINKO when in doubt as to the safety precautions and operations. Failure to comply with the following cautions and warnings could cause equipment damage and personal injury.

Operation Instructions

It is the operator's responsibility to read and understand all of the following safety statements:

IMPORTANT: Always be sure to use the appropriate hydraulic spreader for your specific application.

Standard Model: ZWS-10 The standard model is designed for use in a variety of applications where the spreader is **not** in full contact with a flat surface. Ideal for rescue operations, pipefitting, and above ground structure adjustments.

Floor Models: ZWS-05 & ZWS-13. The floor models are designed for use when in direct contact with a flat surface. Ideal for moving and/or adjusting heavy machinery.

The ZWS spreaders require a 10,000 psi hydraulic hand pump properly connected with an adequate supply of hydraulic oil and a two-way valve in order to operate as designed.

To open the spreader:

1. Place the spreader in the desired position for operation.
2. Turn the valve control on the hydraulic pump to the *closed* position and begin pumping the handle.
3. Pump handle until the desired opening is reached.
4. Support the opening with adequate supporting material.

To close the spreader:

1. Turn the valve control on the hydraulic pump to the open position.

IMPORTANT: Never use any type of clamp or wrench on the piston. Any surface damage to the piston can result in serious damage to the unit and cause malfunction.

Servicing

Always inspect unit before using. If any suspected problem arises, bring the unit to an authorized ZINKO service facility immediately for further inspection.



ZINKO HYDRAULIC JACK

PO Box 4903, Ontario, CA 91761

Toll Free: 1-800-579-8088

www.zinkojack.com

Phone: (909) 230-4100

Fax: (909) 230-4137