

ZATJ Series

*These compact, heavy-duty hydraulic jack units are designed for use on trucks, buses and agricultural machinery.*

**Features:**

1. These units are lightweight and built for heavy-duty use.
2. All-steel welded construction makes our ZATJ series fast, smooth and efficient.
3. The quick-lift mechanism allows a substantially shortened ram lifting time without load.
4. A flow control valve prevents sudden falls of the ram on models 220, 250 and 350.
5. The built-in safety valves prevent use beyond the rated capacity or lifting limit.
6. All models feature a specially processed air pump for low noise operation.
7. An extension screw for fine adjustments is included. Extension adapters are also available upon request.
8. When connected to standard shop air which provides 90-140 psi, these jacks can quickly obtain rated lift capacity with air-actuated operation.
9. The two large rubber-tire wheels (Fig.23) and 3 position locking T-handle (Fig.24) make these jacks easy to fit into any space.
10. Extension adapters are also available as an option for extra height. When used with 4" height adapter, the maximum lift can reach up to 20". (Fig.25)



Model: ZSTJ-22S-4



Fig.23



Fig.24



Flow Control Valve



ZTSJ-220DL (2 stage ram)



Model: ZSTJ-220DL



Fig.25

| Part#             | Height       | Saddle  | Weight |
|-------------------|--------------|---------|--------|
| 96220AD1 - 1/2"   | 2.7580 dia.  | 12oz    |        |
| 96220AD2 - 2-3/8" | 2.5580 dia.  | 2lb 2oz |        |
| 96220AD3 - 4"     | 1.96900 dia. | 3lb 7oz |        |
| 96250AD1 - 1/2"   | 2.3605 dia.  | 14oz    |        |
| 96250AD2 - 2-3/8" | 2.3620 dia.  | 3lb 1oz |        |
| 96350AD1 - 1/2"   | 2.5580 dia.  | 1lb 1oz |        |
| 96350AD2 - 2-3/8" | 2.5580 dia.  | 4lb 4oz |        |



Model: ZSTJ-250



ZSTJ-250 (screw extension)

| Model Number | Capacity (Tons) | Min Ht. (in) A | Hydraulic Lift (in) B | Max Ht. (in) C | Chassis Length (in) D | Chassis Width (in) E | Ht. of Frame (in) F | Screw Ext. (in) G | Shipping Weight (lbs) |
|--------------|-----------------|----------------|-----------------------|----------------|-----------------------|----------------------|---------------------|-------------------|-----------------------|
| ZATJ-22S-4   | 22              | 8              | 4 1/4                 | 15 7/8         | 23 7/8                | 12 5/8               | 7 1/4               | 3 5/8             | 82                    |
| ZATJ-220DL   | 22              | 6 1/4          | 5 1/8                 | 11 1/4         | 23 3/4                | 12 5/8               | 6 3/8               |                   | 99                    |
| ZATJ-220     | 22              | 8 1/4          | 4 1/8                 | 15 7/8         | 23 3/4                | 12 5/8               | 6 3/8               | 3 1/2             | 88                    |
| ZATJ-250     | 25              | 8 1/2          | 4 1/8                 | 15 7/8         | 23 3/4                | 12 5/8               | 6 3/8               | 3 1/2             | 94                    |
| ZATJ-350     | 35              | 8 1/4          | 3 7/8                 | 14 7/8         | 23 3/4                | 12 5/8               | 6 3/8               | 2 3/4             | 99                    |

ZBR & ZOTR Series

Capacity: 10 tons at 10,000 psi.

*Ideal for tractor, truck, grader and farm implement tire bead breaking. Smooth air hydraulic action work on all type of rims.*

**Features:**

1. Detached both the inner and outer bead without removing the tire, and will not damage the bead or rim.
2. Best performance when used with air hydraulic pump (such as ZAP-101), or any equivalent 10,000 psi pumps. For more selection of pumps, please refer to our pump section starting from page 15.
3. Conversion kits are available for ZBR series increasing its versatility.
4. Comes with a flush face, no-spill quick-dry coupler.
5. No screws, bolts, or attachments are required.

**Conversion Kits: ZBR-20B**

1. Adapts to bead breaker for use with larger rim size.
2. Interchanges with a special longer adapter feet and shovel.
3. Jaw opens to 6-1/8".
4. Weight: 5 lbs.



Model: ZAP-101 w/ air hose

Use ZAP-101 with our bead breakers to free both hands by way of foot pump.

For more information on Zinko's line of air pumps, please refer to page 15.



Model: ZOTR-25C

**Bead Push-Off Ram: ZOTR-25C**

1. Pushes off earth mover tires mounted with rims away from axle by leaning against the chassis and pushing the lateral rim.
2. When applying this tool, the vehicle needs a special jack stand support for safety purposes.
3. Output pressure: 20 tons of force at 10,000 psi.
4. Cylinder bore diameter: 2". Stroke: 4". Weight: 12 lbs.



Model: ZOTR-25B

**OTR Bead Breaker: ZOTR-25B**

1. Special application on large OTR tires (25" to 49" rims with pry bars pockets).
2. Output pressure: 16 tons of force at 10,000 psi.
3. Cylinder bore diameter: 2". Stroke: 2". Weight: 17 lbs.

**Wheel Dolly**

Capacity: 1000 or 1500 lbs.



Model: ZWD-1500

**Wheel Dolly**

Use this dolly to remove, transport and replace tire assembly without strain or struggle.

1. Full swivel caster wheels provide smooth steering for easy positioning.
2. The four ton bottle jack provides smooth and rapid lift capability.
3. The push bar is adjustable providing unobstructed access to the hub area.
4. ZWD-1500 model features an 8" travel adjustment on rear caster wheel which matches lifting arms with spindle angle.
5. Two 8' chains are provided to hold the wheel assembly in place during removal and transport.

| Model Number | Capacity (Tons) | Dimensions (in)   |                |               |                | Ship Wt. (lbs) |
|--------------|-----------------|-------------------|----------------|---------------|----------------|----------------|
|              |                 | Lift Travel Range | Overall Length | Overall Width | Overall Height |                |
| ZWD-1000     | 1               | 17 3/4            | 42 1/2         | 33 1/2        | 43 3/8         | 190            |
| ZWD-1500     | 1.5             | 7 1/4             | 39             | 42            | 28 3/4         | 158            |