



ZELOSO
INDÚSTRIA E COMÉRCIO EIRELI

Rod. Regis Bittencourt - Nº 2930 - Km 296,5 - CEP 06888-700
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Manual

MA - 81Z

MANUFACTURING SERIES:
PLATE IDENTIFICATION: -

INTERNAL REQUEST -

Client:



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1. Presentation



MA – 81Z

Equipment built in profiles, laminated and carbon steel drawn, of a special model.

TECHNICAL SPECIFICATIONS

DISTRIBUTED MAXIMUM CAPACITY LOAD	8.000	kg
FULLY RETRACTED HEIGHT	165	mm
HYDRAULIC COURSE	200	mm
THREADED FUSE COURSE	80	mm
TOTAL HEIGHT	445	mm
ESTIMATED WEIGHT	25	kg

FINISHING PAINT JOB:

- ✓ PAINTING IN SYNTHETIC GLAZE BASED ON POLYURETHANE IN YELLOW SAFETY COLOR, ZEALOUS STANDARD.

OPERATING INSTRUCTIONS AND MAINTENANCE OF TRIPOD JACK FOR AVIATION – BRAND “ZEALOUS”



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Capacity: **8.000 Kg**

Check the oil level. If necessary add oil to the reservoir, remove the plug which is on the reservoir cap and carefully and with cleanliness add oil to level, which is about three quarters of the reservoir height (being the piston retracted).

The Jack has a strap for transport, which must always be stored and transported in an upright position to prevent any loss of oil.

Two stage telescopic cylinder, with a adjustment spindle.

Operation:

To remove the air system, open the drain valve, at the cylinder base, by turning it counterclockwise, pump about 5 to 10 times. Close the drain valve (clockwise), tighten it by hand only, **WITHOUT EXCESS**.

Position the jack under the fulcrum, making sure it is well supported. Touch the head of the adjusting screw at this point. It is important that the adjustment screw stroke is minimized.

Avoid reaching its maximum limit.

Proceed to pump, pumping the piston so it moves to the desired point, throughout the pumping period verify jack's (vertical) stability, in case of just a slight inclination, remove the load and restart the process. When an increase in the pumping effort is noticed, it is required to check the hydraulic pumping stroke limit.

To unload the jack and collect the piston, gently open the drain valve 1-3 turns counterclockwise. If the piston is loaded, it will retract alone, but if does not have any weight, retraction should be forced.

When it is a new jack, the effort to retract the piston is higher, due to the seals that have not yet shaped the cylinder.

When not in use, keep the jack clean, with the piston retracted, in dust-free location and do not expose it to sun and humidity. (Avoid rain)

Maintenance:

Avoid spillage of corrosive material, or any type of debris on the set when in operation or not. The jack should be stored in a clean, dust-free place and sheltered from the sun and moisture when not in use. (retract piston and screws).



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Periodically check the quality of the oil and change it whenever needed.
Before completing or replacing, **FILTER THE HYDRAULIC OIL, IN ORDER TO MEET REQUIREMENTS FOR CONTAMINATION.**

A special oil for hydraulic systems is recommended (**ISO STANDARD - VG - 68**).
For example, the **SHELL TELLUS 68**.