



# HIDRACAR S.A.

## INSTRUCTIONS FOR THE USE OF HIDRACAR LOAD MEASURING CYLINDERS IN AGRICULTURAL TRAILERS AND TANKERS

(REF. C/DH40.6/100/2R25)

- 1.- Fit the cylinder and hold it by passing the retaining bolts through the anchor lugs to fasten it to the trailer or tanker.
- 2.- Loosen the purge cap slightly (use a 5 mm Allen key).
- 3.- Connect the female plug of the tractor pressure hose into the cylinder quick release male socket adapter (quick release male socket adapter ref.: STUCCHI-M-BIR 14 BSP-K06). The thread of the cylinder connector is 3/8" BSP.
- 4.- Keep the purge cap loosened while introducing oil with the tractor pump. Tighten the purge cap when oil starts to overflow it.
- 5.- Keep pumping until the trailer or tanker rises a few centimeters. Be aware that the maximum rod stroke is 100 mm.
- 6.- Stop the tractor pump and check that the cylinder rod is not at full stroke yet.
- 7.- Take the Kg - force pressure gauge reading.
- 8.- The amount read in the pressure gauge must be divided by 1.6 to give the actual weight applied in the anchor point.

***WARNING!!!: Performing this operation with a loaded vehicle is not recommended.***