

# PIPE MAINTENANCE

## ST 225

Hydraulic pipe compressing tool for polyethylene

**The complete set  
ST225**



- *Robust hydraulic double effect cylinder with long rod guide designed to avoid deformation of the rod when in total extension (typical defect of the traditional tools with bottle type jacks)*

- *High quality hydraulic pump, separated pump means stability, tool remain firm on the pipe when pumping so there is not the typical rocking movement possible with the traditional tools, separated give also the possibility to work with tool in any position*

- *Supplied with two series of spacers for SDR 11 and SDR17 needed to avoid over compression of pipe*

- *The effort needed to pump is minimal thanks to the pump type and to the large cylinder*

- *The high power guarantees total compression also on larger pipe diameters and also in winter when the polymer is very hard*

- *Supplied in strong wood box with locks for the care and transport*

TECHNICAL CHARACTERISTICS	ST 225
Weight (kg)	55 without lower jaw
Pipe compressing capacity	PE pipe from mm 90 to 225 (3"-9")
Pe pipes type	SDR 11 -SDR 17
Flexible oil hose	diameter 1/4" - SAE 100 R2
Oil hose length	3 mt with flat face quick couplings
Hydraulic pump type	Double acting with flattening/opening inversion
Pump weight (kg)	18

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### Hydraulic emergency steel pipe compressing equipment

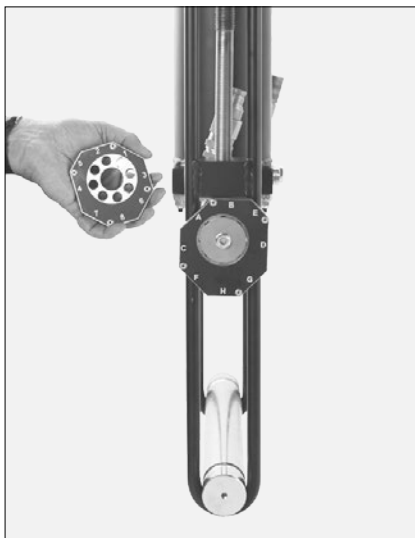
**ST225** is a pipe compressing tool designed for stopping the flow in polyethylene pipes for gas and water with diameters up to 225 mm (9"), it has no typical limitations of similar tools that for the compression use common hydraulic jacks "bottle". **ST225** allows a slow reopening of the jaws at the end of the compressing, the tube can be damaged more in the re-opening phase than in the compressing phase because the rapid re-opening, typical of the bottle jacks, causes the so-called "entanglement" phenomenon of the polyethylene fibers, the too rapid reopening does not allow the polymer molecules to return in order in the original position (entanglement) causing rupture breakers in the tube that often result in a break, **ST225** avoids this possibility. Thanks to the robustness and its exclusive features ensures the best results and can not be missing in the equipment of modernly equipped teams.



**Long "T" wrench for the mechanical safety blocking of the pipe when in total compressio**



**Hydraulic pump and flexible hoses**



**Rotating calibers/specers to avoid over compression of the pipe and consequential PE fibres damages**

