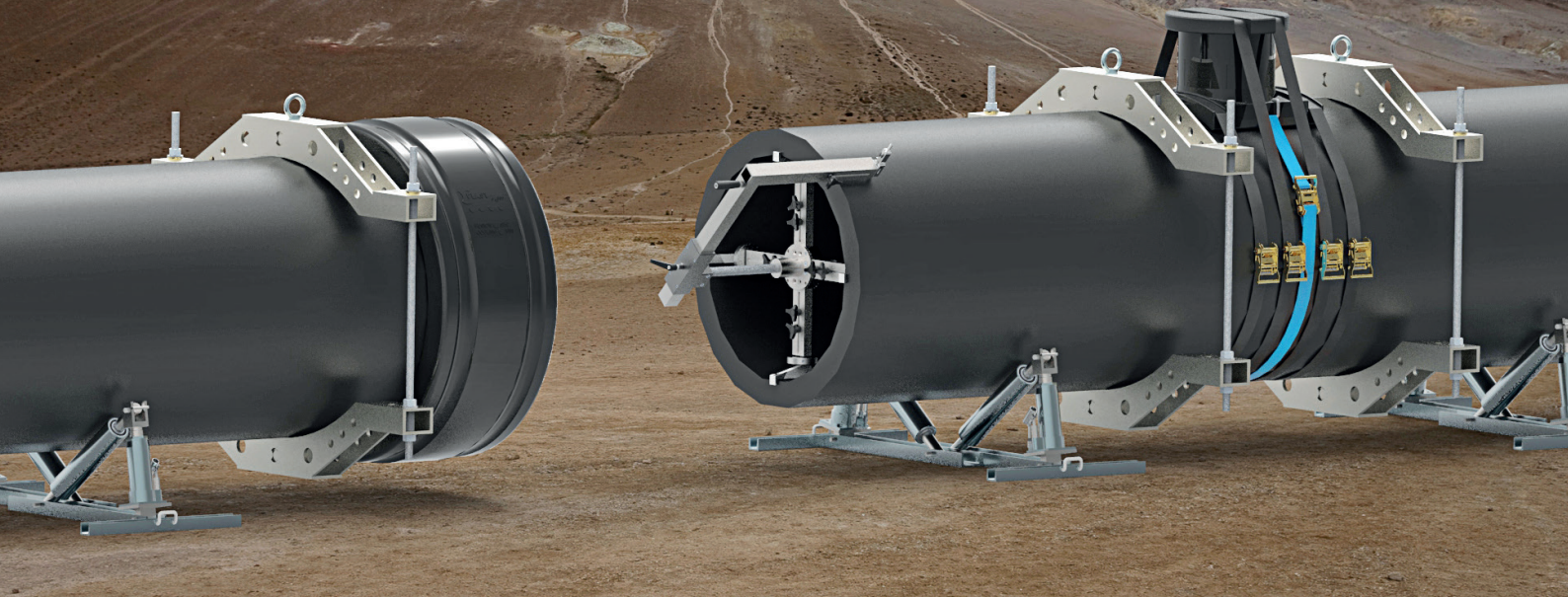


# MECHANICAL TOOLS

COMPLETE SYSTEM FOR THE INSTALLATION OF LARGE DIAMETER FITTINGS

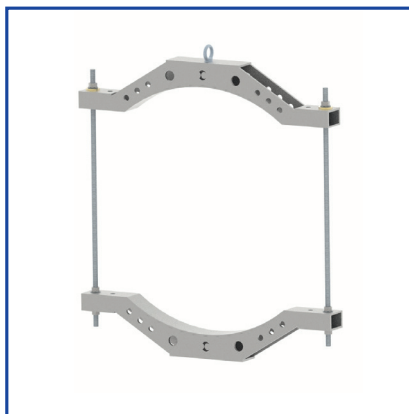


Plastitalia has developed mechanical tools to simplify installation of the own large diameter fittings .



**Pipe scraper**

The pipe scraper is an indispensable tool for uniform removal of the dioxide layer on the outer surface of the pipes. The aluminum body ensures an easy use in the field. This instrument is designed to allow the blade to compensate for any irregularities on the outer surface of the tubes on which it will be used. This pipe scraper is applicable on pipes with diameters between 900 mm and 1200 mm.



**Re-rounding**


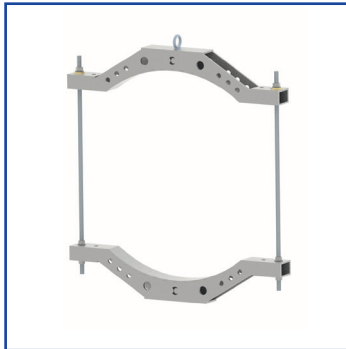

Usually, the electrofusion welding process requires that the elements to be joined (pipes and fittings) be round and with an ovality not greater than 1.5%. With a little effort and simple wrenches, this re-rounding reshapes the pipes with a huge ovalization within the tolerance. This instrument has been designed to be used on pipes with  $SDR \geq 11$  and with a range between 800 mm and 1200 mm.



**Roller clamp**

The clamp is an indispensable tool, which allows to keep the electrofusion pipes and fittings aligned during the whole welding process. The hydraulic jacks and the rollers, on which the pipe rests, allow an easy positioning. This instrument is designed to be used on pipes with diameters ranging from 400 mm to 1200 mm.



Technical specifications			
Code	PIPE SCRAPER	RE-ROUNDING	ROLLER CLAMP
Work pipe range (mm)	900 – 1200	800 – 1200	400 – 1200
Work pipe range (in - IPS)	36" – 48"	32" – 48"	16" – 48"
Weight (kg)	25	82	52
Dimensions (max - mm)	1430 x 1300 x 640	1375 x 1510 x 120	1200 x 700 x 400
Material	aluminum	iron	iron