



**MTD TRIFUSION
TRI1982 2"-6" PIPE SCRAPER**
Operator's Manual



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NOTICE

Any operation involving work on pipe containing liquids or gases under pressure is potentially hazardous. To ensure a safe working environment, always follow proper procedures including those available from the equipment manufacturer and your company.

No person is authorized to make plastic pipe joints for natural gas service unless that person has been qualified through training, assembling, fusing and testing specimens in accordance with 49 CFR 192.285.

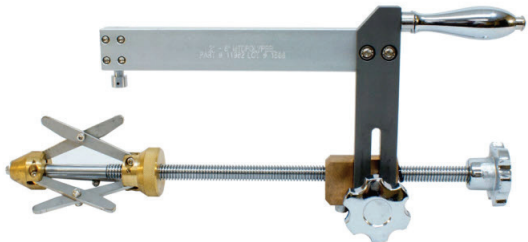
It is the responsibility of the operator to establish a method to determine that each person making joints in pipelines in their system is qualified to make those joints.

This manual does not serve to replace but should be used as a supplement to hands-on training. This manual is not intended to be used for system design purposes and does not take the place of the advice of a professional engineer.

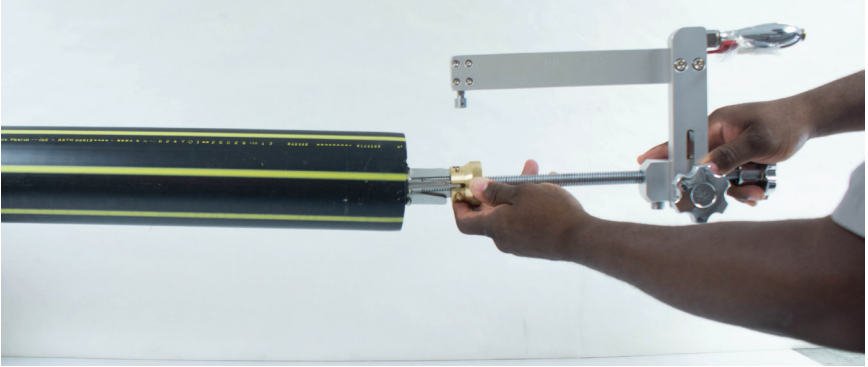
Should any issue or difficulty arise while operating this equipment, contact ISCO Industries, Inc.

MTD

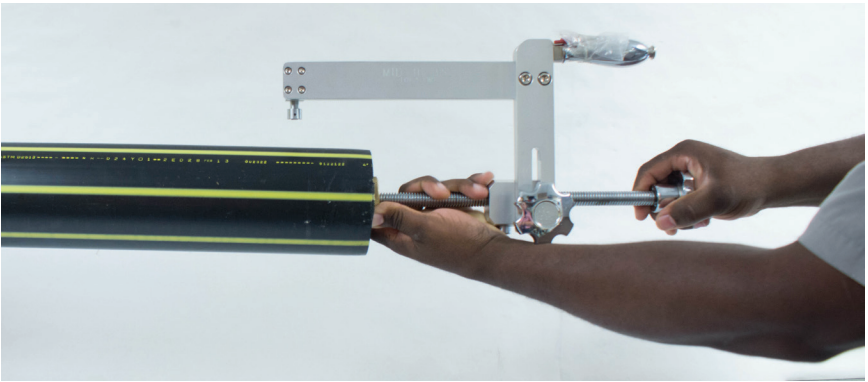
MTD TriFusion
Operator's Manual



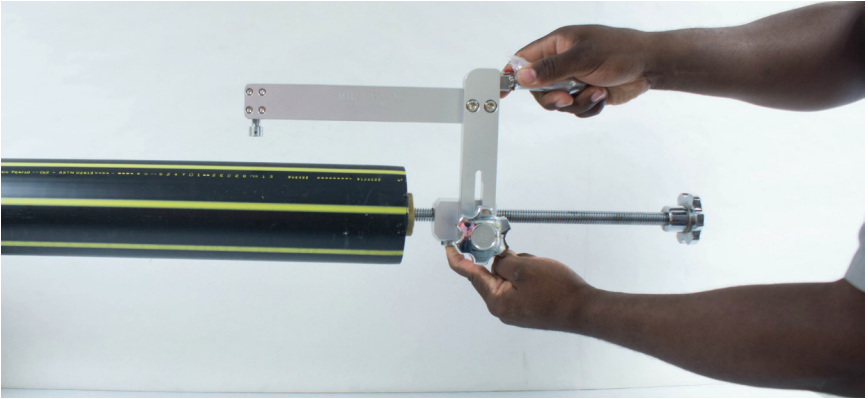
OPERATING INSTRUCTIONS



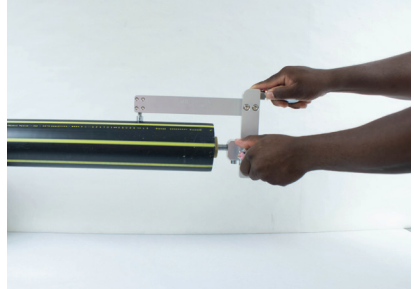
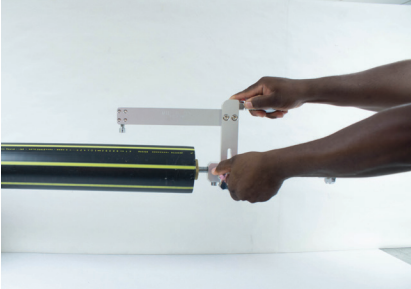
1. Insert the scraper into the pipe/fitting.



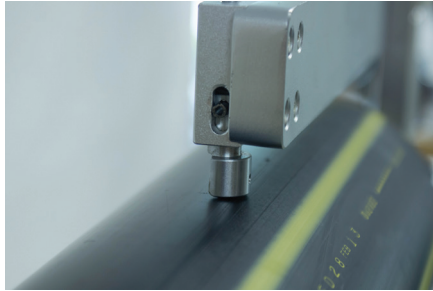
2. Expand fixation assembly into inner diameter of pipe by turning the locking expansion knob clockwise.



3. Set position of blade to match the requested scraping length by pushing above button and move the scraper body forward.

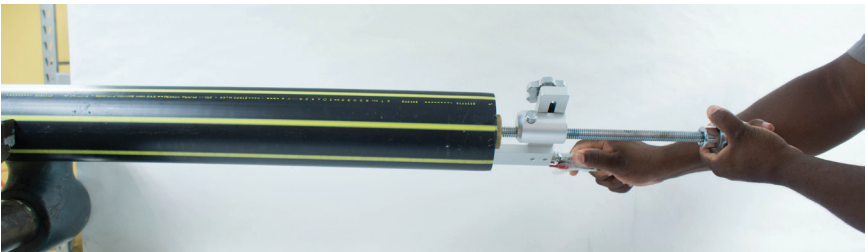


4. The pilot arm has to be in the upper position before scraping.
5. Loosen the pilot arm locking knob and lower the pilot arm, bringing blade into contact with pipe/fitting surface.



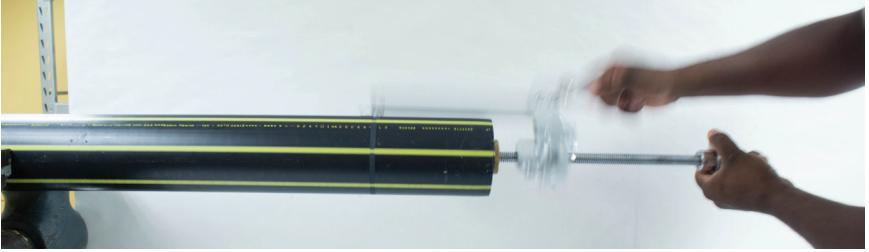
- Set blade pressure to one half of its maximum depth.

***Applying too much spring pressure can cause the scraper to gouge the pipe, bind, or bounce.**

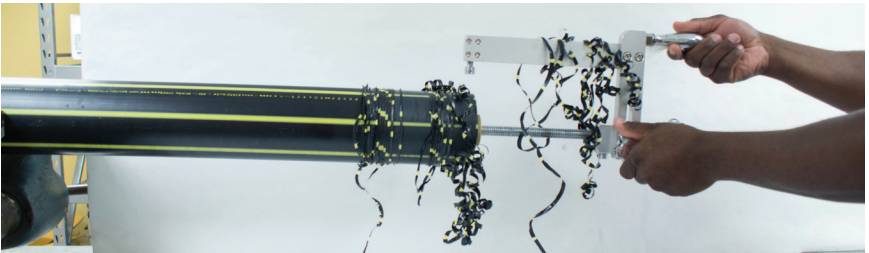


- Hold hand grip and expansion knob during scraping to help stabilize the scraper.

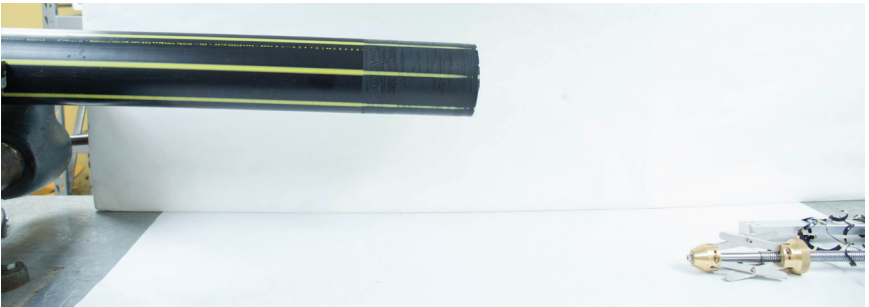
***This step is very important due to the flexibility of the pipe (especially for 2" IPS pipe).**



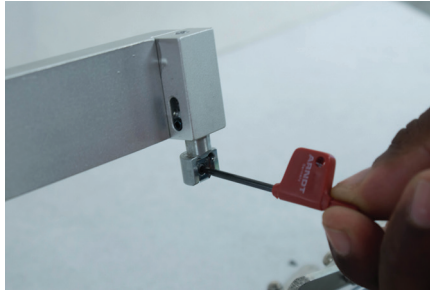
8. Scrape pipe by rotating the pilot arm clockwise.
9. Proceed with a constant rotating movement, supporting scraper with off-hand, until blade reaches the end of the pipe/fitting.



10. Loosen the pilot arm locking knob and raise pilot arm.



11. Loosen the expansion knob and remove both scraper and shavings from pipe/fitting.



12. The blade can be rotated thanks to its four cutting edges.
13. The durability of the cutting edges depends on the intensity of the use and on the ambient conditions.



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