

## EQUIPMENT FOR BUTT WELDING OF POLYMERIC PIPES



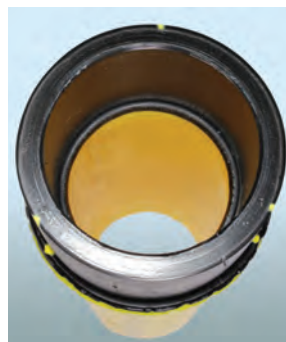
Innovative welding equipment prototype

### Areas of Application

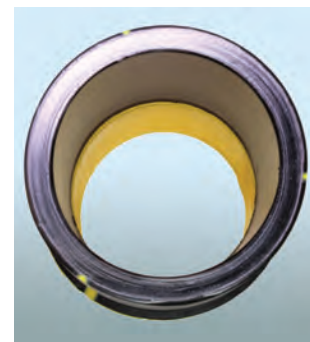
The innovative equipment is to be used for construction, reconstruction, and repair of plastic pipelines, including vacuum sanitary ones

### Specification

The technology and equipment are used for heat butt welding of polymeric pipes without butt mechanical parting-off and internal rag formation



Conventional weld joint



Innovative weld joint

### Advantages

Weight and cost of semiautomatic welding equipment are about 50% less as compared with the conventional manual equipment. Improves joint quality

### Stage of Development.

#### Suggestions for Commercialization

IRL7, TRL6

License sale and transfer of technical documentation for equipment manufacture; in the case of investments – incorporation of a venture and launch of a production line. Manufactured upon request

### IPR Protection

IRP3

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