



Electrofusion Saddle & Specialized Hole Driller Kits For Easy Under Pressure Drilling



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Easy Under Pressure Drilling Service

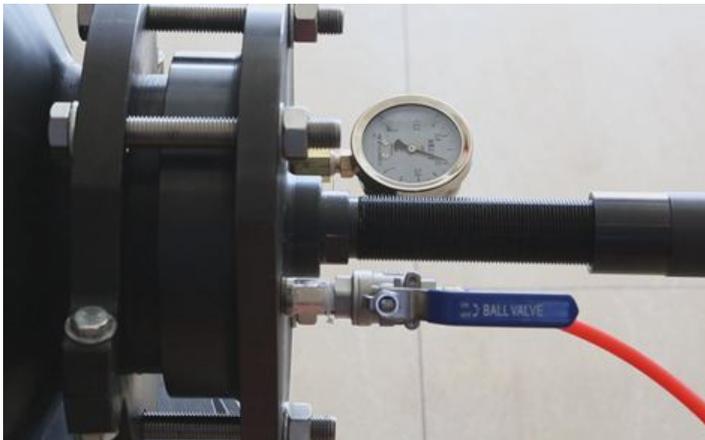
- Under pressure drilling is a procedure undertaken when a branch connection is required off a live pipe in constant operation. The branch connection could be required to bypass a gas pipeline section due for repair, outlet pipe replacement, Water pipe alteration or a gas pipe relocation.
- With Smart Joint Electrofusion Saddle, Under pressure drilling services can be easily and more cost effectively offered, all the contractors can make new branch connections and repairs without requiring a shutdown of existing supplies or loss of production.

Under Pressure(0.7 Mpa) Drilling Test Installation

Operation Guide Video Can Be Supplied

Gas piping line pressure <0.7Mpa Water piping line pressure< 1.6Mpa

Environment Temp.: -5 ° C-+40 ° C



Pressure Test



Smart Joint conduct all necessary tests required by ISO standard for the produced Electrofusion Saddle. All tests pass.

Pictures of hydrostatic pressure test are showed above, for detailed test report, pls contact with our QC dept. qc@smartjoint.net

Product Specification Table

Code	SDR	Size(mm)	Remark
UPEFSA250110A	11	250-110	Branch Part For Electrofusion
UPEFSA250160A	11	250-160	Branch Part For Electrofusion
UPEFSA315110A	11	315-110	Branch Part For Electrofusion
UPEFSA315160A	11	315-160	Branch Part For Electrofusion
UPEFSA315200A	11	315-200	Branch Part For Butt Fusion
UPEFSA355110A	11	355-110	Branch Part For Electrofusion
UPEFSA355160A	11	355-160	Branch Part For Electrofusion
UPEFSA355200A	11	355-200	Branch Part For Butt Fusion
UPEFSA400110A	11	400-110	Branch Part For Electrofusion
UPEFSA400160A	11	400-160	Branch Part For Electrofusion
UPEFSA400200A	11	400-200	Branch Part For Butt Fusion

Solution Components



**Full
Electrofusi
on Saddle**



**Ball Valve
(Friatec,
Polytec,
Smart Joint
recommended)**

Producer	dn(mm)	Bore Size(mm)	Driller OD(mm)	Ball Valve Pipe Length(mm)	Applicable or not	
					Yes	No
Friatec	110	90	89	160	Yes	
	160	96	118	180	No	Bore Size Small, Driller can't go through.
	200	96	160	180	No	Bore Size Small, Driller can't go through.
Polytec	110	90	89		Yes	
	160	122	118		Yes	
	200	160	160		Yes	Pipe Length Should Be Lengthened.
Smart Joint	110	90	89		Yes	
	160	120	118	100	Yes	Pipe Length Should Be Lengthened.
	200	120	118	105	Yes	Pipe Length Should Be Lengthened.

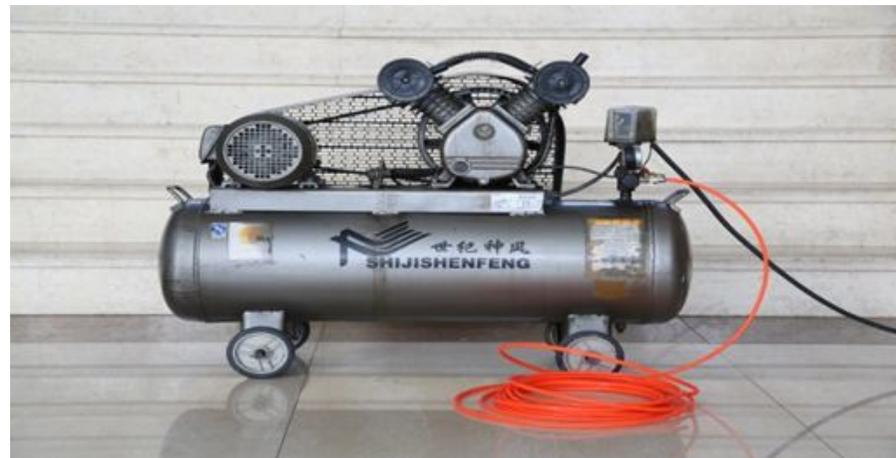
Solution Component



Electrofusion Machine



Driller Set



Air Compressor > 0.8 Mpa



More Information Pls contact with Smart Joint
sales@smartjoint.net

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