

Datasheet Welltec® Puncher 318 Standard

Welltec Puncher® provides an efficient, e-line conveyed, non explosive method for equalizing pressures between tubular strings. Its innovative design quickly creates a controlled diameter hole in the tubular at the target depth for pipe recovery or completion removal without the use of explosives. Utilizing a fast, drilling technique, the Well Puncher produces a precise, uniform hole. The puncher can be run slick to any depth in the well or equipped with a 'no-go' for a hole punch at an exact depth. Multiple holes can be drilled in a single descent and it can be deployed independently or with other tools. It can be combined with the Well Tractor® for punching in highly deviated or horizontal wells

Applications	Features	Benefits
• Pressure equalization	• Through tubing hole punching	• No explosives
• Heavy fluids injection	• Through wired	• Multiple punches in the same run
• Production inflow control	• Modular and configurable	• No perforation burr
• Injection flow control	• Compatible with all service providers	• Combinable with other Welltec services
	• Universal: operates on any e-line via DC	• Rigless punch for batch work
	• NACE compliant	• Accurate depth control

Specifications*	Imperial	Metric
• Length	• 20.5 ft	• 6.25 m
• Running OD nominal	• 3 1/8"	• 80 mm
• Weight in air	• 385 lbs	• 175 Kg
• Minimum completion ID	• 3.4"	• 86,4 mm
• Maximum pipe thickness	• 1"	• 25.4 mm
• Maximum pipe ID	• 9.8"	• 250 mm
• Punch hole diameter	• 0.5" - 1"	• 12 mm - 25 mm
• Punch extension	• 0.67" - 1"	• 17 mm - 25 mm
• Maximum well pressure	• 25,000 psi	• 1.750 bar
• Maximum well temperature	• 302° F	• 150 °C
• Tensile strength	• 42,000 lbs	• 19.000 Kg
• Compressive strength	• 50,000 lbs	• 22.700 Kg

* Dependent on pipe material and well parameters

