



"Delta Pulse" EXTENDED REACH

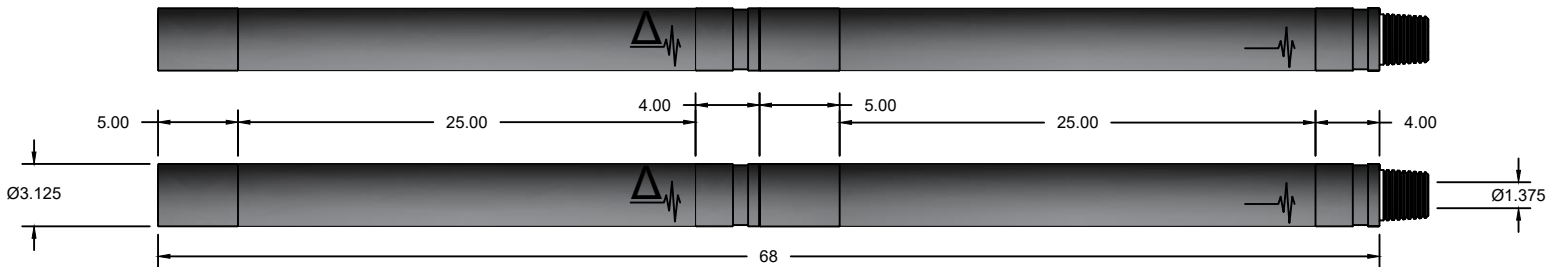
SPEC SHEET (PATENT PENDING)

"A LEADER IN COILED TUBING TECHNOLOGY"

The "DELTA-PULSE" Frequency induced Pulsating tool that produces internal cavitation utilizing a popette valve system.

The cavitation provided by the popette valve system creates a water hammer affect creating a powerful frequency pulling the string "FRICTION OUT " preventing a lock up situation.

The "DELTA-PULSE" popette valve system provides a reliable water hammer system created by cavitation.



O.D SIZE	STANDARD CONNECTION	CONNECTION DIRECTION	LENGTH INCHES	WEIGHT LBS.	LOW FLOW RATE GPM/LT	HIGH FLOW RATE GPM/LT	OPERATION PRESSURE DROP	TEMPERATURE °F	MAX PULL
Ø 2.875	2 3/8 PAC	BOX UP PIN DOWN	68"	100 LBS.	40-180 GPM	120-235 GPM	300-1000 PSI	500°F	75,000 LBS
Ø 3.125	2 3/8 REG	BOX UP PIN DOWN	69"	110 LBS.	40-180 GPM	120-235 GPM	300-1000 PSI	500°F	80,000 LBS

PSI	GPM/LITER	FREQUENCY HZ	PSI	GPM/LITER	FREQUENCY HZ
100 PSI	40 GPM / 151 LITER	8.9 HZ	100 PSI	120 GPM / 454 LITER	9.5 HZ
200 PSI	60 GPM / 227 LITER	9.8 HZ	200 PSI	140 GPM / 530 LITER	11.0 HZ
300 PSI	90 GPM / 151 LITER	11.2 HZ	300 PSI	150 GPM / 568 LITER	13.1 HZ
400 PSI	100 GPM / 379 LITRE	12.0 HZ	400 PSI	160 GPM / 605 LITRE	14.7 HZ
500 PSI	120 GPM / 454 LITRE	13.0 HZ	500 PSI	180 GPM / 681 LITRE	15.8 HZ
600 PSI	180 GPM / 681 LITRE	13.9 HZ	600 PSI	200 GPM / 757 LITRE	16.5 HZ

Note: Unless otherwise indicated, all strength figures given in this manual are the calculations based on the yield strength of the materials used in the manufacture of this product. These strength calculations are considered accurate within plus or minus 20% and are to be used only as a guide. They do not constitute a guarantee, actual or implied. In use appropriate allowance should be made as a safety factor.