

## SPIN CAT JETTING TOOL



### TOOL APPLICATIONS

The Spin Cat Jetting Tool is a self-rotating nozzle designed for coil tubing well service. The powerful rotating jets cover a large area for efficient cleaning. Jet reaction force (thrust) powers rotation of the head. An internal centrifugal speed control maintains rotation speeds of 150 to 200 rpm.

A viscous fluid governor controls rotation speed to maximize jet power delivered to the tubing walls. By using only a few rotating jets, each jet is bigger to convey hard-hitting power.

Replaceable jets are efficient and clean recesses and irregular surfaces without damaging the well pipe.

### FEATURES AND BENEFITS

- Straight flow-through design with a leak-free high pressure seal
- Suitable up to 30% HCL and nitrogen injection
- Rotating assembly for complete coverage
- Easy field serviceability
- Durable fluoro elastomer seals
- Computerized flow calculations
- Controlled rotation, increases cleaning power
- Carbide nozzles, deliver the hardest hitting, longest lasting jet possible
- Standard nozzle head has five ports with 1/8 NPT threads; one at 15° forward, two at 45° forward and two at 90° to the axis of rotation

### SPECIFICATIONS

| Technical Variable | Units       | Size      |             |            |        |
|--------------------|-------------|-----------|-------------|------------|--------|
|                    |             | 1 11/16"  | 2 1/8"      | 2 7/8"     |        |
| Max OD             | in          | 1.687     | 2.125       | 2.875      |        |
| Connection         | Box         | 1" AMMT   | 1 1/2" AMMT | 2 3/8" PAC |        |
| Overall Length     | in          | 9.8       | 12.3        | 15.6       |        |
| Weight             | lbs         | 4.6       | 8.9         | 20         |        |
| Flow Range         | gpm         | 30 – 55   | 34 – 84     | 42 – 126   |        |
| Rotation Speed     | rpm         | 150 – 200 | 150 – 200   | 80– 150    |        |
| Working Pressure   | psi         | 5,000     | 5,000       | 5,000      |        |
| Max Temperature    | °F          | 390       | 390         | 390        |        |
| Strength           | Compression | lbs       | 12,000      | 21,000     | 25,000 |
|                    | UTS         | lbs       | 8,500       | 15,000     | 20,000 |
| Make Up Torque     | ft.lbs      | 500       | 900         | 2200       |        |