

LOCATIONS

SCOTT, LOUISIANA

337-269-7300

KILGORE, TEXAS

930-984-3953

PLEASANTON, TEXAS

830-569-8964

MUNCY, PENNSYLVANIA

570-546-9100



MILLING AND FISHING SPECIALISTS

SPARTAN THRU TUBING SERVICES, LLC is a premier thru-tubing, milling & fishing company utilizing the latest technology in motor, mill style and fishing tools and a compact group of dedicated people.

We have come together; much like the Spartans of old, for a common goal: To have 100% execution and satisfaction on your location.

PRODUCTS

1-11/16 to 3-3/4 O.D. Mud Motors: Bico, Roper, Dyna Drill & NOV Power Sections

Carbide Mills, Carbide Inserted Mills, PDC Mills, Carbide Shoes and Diamond Matrix Shoes, Hydraulic Pulling Tools, Reverse Jet Baskets, Hydraulic Spears, Mechanical Spears.

Oil Jars and Accelerators 1-11/16 – 3-7/8 O.D:
NOV, Logan, Hailey, Coiled Tubing Technology

SERVICES

Thru Tubing milling and fishing on coil tubing, rigs and snubbing units.

Barium Scale milling, cement and sand milling, composite and cast iron plug milling, under-reaming, honing out nipples and drilling float collars.

QUALITY CONTROL

All motors & tools disassembled, cleaned & inspected.
Bore Scope all stators.
Black light inspections on all tools.
Dyno all motors.

TRAINING

All employee's Safeland, Safegulf trained.
Member of DISA and ISNetWorld.



SPARTAN

THRU TUBING

MILLING AND FISHING SPECIALISTS

MUD MOTOR PERFORMANCE SPECIFICATIONS

	U.S. UNITS SHORTY	U.S. UNITS	U.S. UNITS	U.S. UNITS	U.S. UNITS	U.S. UNITS	U.S. UNITS	U.S. UNITS	U.S. UNITS
Outside Diameter	1.69"	1.69"	2.125"	2.875"	2.875"	3.75"	2.875"	2.875"	2.875"
Overall Length	6'	8.33'	11'	12.9'	9'	13.6'	13'	11'	11'
Top Connection	1" cs or 1" mt box	1" cs or 1" mt box	1 1/2" mt or 1 1/2" mt	2 3/8" pac	2 3/8" pac	2-3/8" reg	2-3/8" pac	2-3/8" pac	2-3/8" pac
Bottom Connection	1" mt box	1" mt box	1-1/2" mt box	2 3/8" pac	2 3/8" pac	2-3/8" reg	2-3/8" pac	2-3/8" pac	2-3/8" pac
Maximum Weight On Bit	2800 lbs	2800 lbs	5000 lbs	lbs	lbs				
Flow Rate:									
Minimum	25 gpm	20 gmp	20 gpm	60 gpm	50 gpm	80 gpm	60 gpm	60 gpm	60 gpm
Maximum	42 gpm	42 gpm	50 gpm	120 gpm	120 gpm	120 gpm	90 gpm	120 gpm	120 gpm
No Load On Bit Speed									
'@ Min. Flow Rate	190 rpm	190 rpm	275 rpm	315 rpm	180 rpm	130 rpm	172 rpm	172 rpm	186 rpm
'@Max. Flow Rate	380 rpm	380 rpm	675 rpm	630 rpm	565 rpm	320 rpm	520 rpm	520 rpm	390 rpm
Maximum Stall Pressure Differential	575 psi	575 psi	1500 psi	1000 psi	2250 psi	1000 psi	2200 psi	1900 psi	1000 psi
Torque:									
Maximum Stall Torque	80 ft-lbs	230 ft-lbs	300 ft-lbs	1050 ft-lbs	1300 ft-lbs	1995 ft-lbs	1050 ft-lbs	1050 ft-lbs	1050 ft-lbs
Maximum Allowable Over pull									
Max. Bit Pull (w/o damage)	17,000 lbs	17,000 lbs	23,800 lbs	40,000 lbs	40,000 lbs	60,000 lbs	40,000 lbs	40,000 lbs	40,000 lbs
Max. Bit Pull (w/ damage)	24,000 lbs	24,000 lbs	31,600 lbs	127,000 lbs	127,000 lbs	230,000 lbs	127,000 lbs	127,000 lbs	127,000 lbs
Max. Body Pull (w/ damage)	45,500 lbs	45,500 lbs	90,000 lbs	127,000 lbs	127,000 lbs	330,000 lbs	127,000 lbs	127,000 lbs	127,000 lbs
Bit Size Range	1.700" - 2.75"	1.700" - 2.75"	2.188" - 3.25"	3.125" - 4.75"	3.125" - 4.75"	4-1/2" - 5-7/8"	3.125" - 4.75"	3.125" - 4.75"	3.125" - 4.75"
Configuration	5:6	5:6	5:6	5:6	5:6	4:5	5:6	5:6	0.21
Stages	1	2.3	6	3.5	3.3	3.5	7.00	7.00	3.50
Temperature	400+	400+	400+	400+	380	400+	200	300	250
Power Section Manufacture	Spirostar Bico	Spirostar Bico	Sparostar Bico	Spirostar Bico	Dura Torque Roper	Spirostar Bico	Dyna-Drill	Power Plus	Hemi

