

ROTATING JETTING TOOL



TOOL APPLICATIONS

The Rotary Jetting Tool provides ultra-high impact 360° jetting coverage to target and dislodge debris, paraffin's, waxes and scales from completion tubulars and jewellery.

The tool can be configured with a number of jetting head diameters in order to reduce standoff and maximise impact pressure of the jet stream.

Various nozzle configurations can be selected dependent on the required application.

Rotational speed is optimised and controlled by altering fluid flow within the brake mechanism, ensuring the tool can be set up to maintain rotational speed within a desired operating range regardless of pump rate and temperature.

FEATURES AND BENEFITS

- Optional jetting head diameters
- Flexibility in quantity and orientation of jets
- Self-balancing brake mechanism to ensure reliable rotational speed at varying temperatures

SPECIFICATIONS

Technical Variable		Units	Size		
			1 1/16"	2 1/8"	2 7/8"
Max OD		in	1.687	2.125	2.875
Min ID		in	0.500	0.5000	1.000
Connection		Box	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
Make Up Length		in	16.78	17.52	19.04
Working Pressure		psi	10,000	10,000	10,000
Maximum Flow Area		in ²	0.0615	0.049	0.307
Strength	SWL	lbs	17,010	31,636	41,440
	Yield	lbs	18,900	35,151	46,045
	UTS	lbs	23,300	43,939	57,556
Make Up Torque		ft.lbs	500	900	3,250

Size & # of Nozzles		Pressure Drop (psi) at Flow Rate (gpm)											
0.125	0.165	10	20	30	40	50	60	70	80	90	100	110	120
0	5	7	30	67	120	187	270	367	480	607	750	907	1080
1	4	9	37	82	146	229	329	448	585	741	915	1107	1317
2	3	11	45	101	180	282	406	552	722	913	1127	1364	1624
0	2	14	56	127	225	351	506	689	900	1139	1406	1701	2025
3	2	14	56	127	225	351	506	689	900	1139	1406	1701	2025
4	1	18	71	160	284	444	639	870	1137	1439	1776	2149	2557
0	3	21	83	187	333	521	750	1020	1333	1687	2083	2520	2999
5	0	23	91	205	364	569	819	1115	1457	1844	2276	2754	3278
4	0	36	142	320	569	889	1280	1743	2276	2881	3557	4303	5121
0	2	47	187	422	750	1171	1687	2296	2999	3796	4686	5670	6748
3	0	63	253	569	1012	1581	2276	3098	4047	5121	6323	7651	9105
2	0	142	569	1280	2276	3557	5121	6971	9105	11523	14226	17214	20486