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Rig Model	Drill Pipe Model	OD Tool Joint (mm)	OD Tool Joint (in.)	ID of Tool Joint (mm)	ID of Tool Joint (in)	OD of Tube (mm)
JT520	JT520	44.5	1.750	8	0.315	31.8
JT920	JT920	51	2.000	12	0.472	38
JT920L	JT920L	51	2.000	12	0.472	38
JT922	JT922	51	2.000	12	0.472	54
JT1720	JT1720	63	2.500	17	0.669	54
JT1720 MACH 1	JT1720 MACH 1	63	2.500	17	0.669	54
JT2020 MACH 1	JT2020 MACH 1	68	2.625	17	0.669	54
JT2720	JT2720	70	2.750	17	0.669	60.3
JT2720 MACH 1	JT2720 MACH 1	76	3.000	20	0.787	60.3
JT3020 MACH 1	JT2720 MACH 1 FFW	76	3.000	17	0.669	60.3
JT4020	JT 4020	82.5	3.250	29	1.142	76.1
FT4020	JT4020 FFW	82.5	3.250	29	1.142	76.1
JT4020 MACH 1	JT4020 MACH 1	90	3.500	34	1.339	76.1
JT 4020 ALL TERRAIN	JT 4020 AT FFW	105	4.125	55	2.165	88.9
JT 7020	JT 7020	102	4.000	38	1.496	88.9
JT 7020 MACH 1	JT 7020 MACH 1 FFW	102	4.000	38	1.496	88.9
JT 8020 MACH 1	JT 8020 MACH 1 FFW	102	4.000	38	1.496	88.9

Rig Model	Drill Pipe Model	OD Tool Joint (mm)	OD Tool Joint (in.)	ID of Tool Joint (mm)	ID of Tool Joint (in)	OD of Tube (mm)
D7X11 SERIES II	D7X11	48	1.875	17	0.669	38
D9X13 SERIES II	D9X13	48	1.875	17	0.669	42.4
D10X14	D10X14	48	1.875	17	0.669	42.4
D10X15	D10X15	48	1.875	17	0.669	42.4
D16X20 SERIES II	D16X20	55	2.125	20	0.787	48.3
D24A	D24A FFW 54 F1	60	2.375	20	0.787	54
D24X40 SERIES II	D24X40 FFW F1	68	2.625	20	0.787	60.3
D33X44	D33X44 FFW F2	70	2.750	32	1.260	60.3
D36X50 SERIES II	D36X50 FFW F2	70	2.750	32	1.260	60.3
D80X100	D80X100 FFW F1	93	3.625	38	1.496	88.9
D100X120 SERIES II	D100X100 FFW F2	108	4.250	55	2.165	88.9

Rig Model	Drill Pipe Model	OD Tool Joint (mm)	OD Tool Joint (in.)	ID of Tool Joint (mm)	ID of Tool Joint (in)	OD of Tube (mm)
DD-65 MINIMAX	1.25" ASTEC	44.5	1.750	8	0.315	31.8
DD-1	DDA 6'	48	1.875	12	0.472	42.4
DD-1	SS1 10'	48	1.875	12	0.472	42.4
DD-2024	2" ASTEC FFW	57.2	2.250	16	0.630	48.3
DD-2024	D16X20FFW F1	57.2	2.250	20	0.787	48.3
DD-3238	2-3/8" ASTEC FFW	68	2.625	20	0.787	60.3
DD-3238	D24X40 FFW FQ	68	2.625	20	0.787	60.3
DD-3238	CDF1A1 FFW	72	2.878	29	1.142	60.3
DD-4	IF DD4	78	2.875	29	1.142	76.1
DD-4	MJR	78	2.875	29	1.142	60.3
DD-4	PACDS	72	2.875	29	1.142	60.3
DD-4045	CDF1A1 FFW	72	2.875	29	1.142	60.3
DD-6	NC31 FFW	105	4.125	44	1.732	88.9
DD-8	NC31 FFW	105	4.125	44	1.732	88.9
DD-9014	NC31 FFW	105	4.125	44	1.732	88.9
DD-10	NC38 FFW	118	4.750	65	2.559	88.9

GP Drilling Supply, LLC

Mini and Midi Rigs

Charles Machine Works, Inc which owns Ditch Witch trademarks. GP Drilling Supply, LLC claims no right or equipment that is compatible with the below machines and tooling.

OD of Tube (in)	Wall thickness of tube (mm)	Wall thickness of tube (in)	Working Length (mm)	Working Length (in)	Weight (Kg)	Weight (lbs.)	Max torque (Nm)
1.250	6.3	0.248	1500	59.1	7	15.4	813
1.660	6.45	0.254	2000	78.7	12	26.5	1491
1.660	6.45	0.254	3000	118.1	17	37.5	1491
2.063	6.45	0.254	1829	72.0	11	24.3	1491
2.063	6.45	0.254	3000	118.1	27	59.5	2440
2.063	6.45	0.254	3000	118.1	28	61.7	2440
2.063	6.45	0.254	3048	120.0	29	63.9	2983
2.375	7	0.276	3000	118.1	29	63.9	4474
2.375	7	0.276	3000	118.1	35	77.2	4339
2.375	7	0.276	3000	118.1	35	77.2	5423
2.875	7.3	0.287	4500	177.2	64	141.1	6779
2.875	6.3	0.248	4500	177.2	66	145.5	6779
2.875	7.3	0.287	4500	177.2	68	149.9	6779
3.500	8.8	0.346	4345	171.1	90	198.4	6779
3.500	8.8	0.346	4500	177.2	98	216.1	13558
3.500	8.8	0.346	4500	177.2	100	220.5	13558
3.500	8.8	0.346	4500	177.2	90	198.4	13588

OD of Tube (in)	Wall thickness of tube (mm)	Wall thickness of tube (in)	Working Length (mm)	Working Length (in)	Weight (Kg)	Weight (lbs.)	Max torque (Nm)
1.660	6.45	0.254	1829	72.0	1	2.2	1763
1.660	7.1	0.280	1829	72.0	13	28.7	1763
1.660	7.1	0.280	3048	120.0	21	46.3	1898
1.660	7.1	0.280	3048	120.0	21	46.3	2034
1.900	6.45	0.254	3048	120.0	24	52.9	2712
2.000	11.8	0.465	3048	120.0	29	63.9	3227
2.374	11	0.433	3048	120.0	35	77.2	5423
2.374	11	0.433	3048	120.0	36	79.4	5966
2.374	11	0.433	3048	120.0	36	79.4	6772
3.500	13.5	0.531	4572	180.0	95	209.4	13558
3.500	13.5	0.531	6096	240.0	130	286.6	16270

OD of Tube (in)	Wall thickness of tube (mm)	Wall thickness of tube (in)	Working Length (mm)	Working Length (in)	Weight (Kg)	Weight (lbs.)	Max torque (Nm)
1.250	6.3	0.248	1524	60.0	7	15.4	678
1.660	7.1	0.280	1829	72.0	13	28.7	1763
1.660	7.1	0.280	3048	120.0	21	46.3	1763
1.900	6.45	0.254	3048	120.0	25	55.1	3254
1.900	6.45	0.254	3048	120.0	25	55.1	3254
2.375	7	0.276	3048	120.0	35	77.2	5152
2.375	7	0.276	3048	120.0	35	77.2	5152
2.375	7	0.276	3048	120.0	35	77.2	5152
2.875	7.3	0.287	3048	120.0	44	97.0	5423
2.875	7	0.276	3048	120.0	36	79.4	5423
2.875	7	0.276	3048	120.0	36	79.4	5423
2.875	7	0.276	3048	120.0	36	79.4	6101
3.500	8.8	0.346	4572	180.0	100	220.5	13558
3.500	8.8	0.346	4572	180.0	100	220.5	18439
3.500	8.8	0.346	6096	240.0	130	286.6	18439
3.500	8.8	0.346	6096	240.0	135	297.6	20337

interest in or any trademark, service mark or other

Max torque (ft. lbs)	Max Pullback (kN)	Max Pullback (lbs.)	Min. Bend radius (m)
600	22.2	4991	21
1100	38.2	8588	26
1100	38.2	8588	30
1100	40	8992	32
1800	75.6	16996	40
1800	75.6	16996	40
2200	88.9	19986	40
3300	120.1	27000	40
3200	110.3	24796	53
4000	177.9	39994	53
5000	177.9	39994	46
5000	177.9	39994	46
5000	177.9	39994	58
5000	177.9	39994	91
10000	311.3	69983	70
10000	311.3	69983	70
10022	355.8	79987	70

Max torque (ft. lbs)	Max Pullback (kN)	Max Pullback (lbs.)	Min. Bend radius (m)
1300	40	8992	29
1300	40	8992	29
1400	42.7	9599	29
1500	44.5	10004	29
2000	71.2	16006	30
2380	105.8	23785	31
4000	106.7	23987	33
4400	146.8	33002	33
4995	160.1	35992	33
10000	355.8	79987	60
12000	444.7	99973	60

Max torque (ft. lbs)	Max Pullback (kN)	Max Pullback (lbs.)	Min. Bend radius (m)
500	26.7	6002	21
1300	44.5	10004	30
1300	44.5	10004	30
2400	88.9	19986	
2400	88.9	19986	
3800	142.3	31990	
3800	142.3	31990	
3800	142.3	31990	
4000	149	33497	33
4000	149	33497	33
4000	149	33497	33
4500	177.9	39994	44
10000	266.8	59979	60
13600	355.8	79987	60
13600	400.3	89991	60
15000	422.5	94982	70