

We know the demands placed on drill pipe, the careful balance of strength and flexibility required to ensure maximum performance of the drill and the drill string. We know because we are the only directional drill manufacturer that designs and manufactures its own drill pipe. Producing long-lasting Ditch Witch® drill pipe begins with the highest-quality steel and involves a precise, time-tested series of steps. After machining, every tool joint is inspected and gauged to ensure quality and reliability. Our proven welding technique does not produce stress concentration points that are common on competitors' pipe. After welding, we inspect each pipe, and section a piece of pipe from each batch to ensure weld quality and integrity. You expect a lot from our drill pipe. So we put a lot into it.

### POWER PIPE® HD, FLUID MISER® II

Power Pipe HD, Fluid Miser II is a premium drill pipe designed specifically for Ditch Witch® drills. It features an improved bend radius with the strongest, most wear-resistant tool joints in the industry. It includes a wear indicator groove and allows you to pressurize your drill string faster, while reducing mud scaling and reducing spillage during pipe breakout. Meets S-135 strength standards and made with U.S. and German steel to provide more scratch-resistant material and improve the life of the pipe.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
355-1150	1.58" x 2.125" x 1.3	6' / 1.8 m	82' / 25.0 m	JT922 Coarse Thread / JT9 / JT10
355-1229	1.58" x 2.00" x 1.41	6' / 1.8 m	82' / 25.0 m	JT922 Fine Thread
355-1151	2.06" x 2.5" x 1.69	10' / 3 m	107' / 32.6 m	JT1720M1
355-1107	2.06" x 2.63" x 1.94	9.8' / 3 m	107' / 32.6 m	JT2020 / JT20
355-1313	2.25" x 2.63" x 1.76	10' / 3 m	117' / 35.6 m	JT24
355-1111	2.38" x 2.75" x 2.11	9.8' / 3 m	123' / 37.5 m	JT25 / JT2720M1 / JT30
355-1211	2.81" x 3.13" 2.10	15' / 4.57 m	146' / 44.5 m	JT40
355-1100	3.06" x 3.5" x 2.46	15' / 4.57 m	170' / 51.8 m	JT60

"I prefer to buy Ditch Witch® Power Pipe® HD, Fluid Miser® II for my JT20 because it saves us time, money and the high-quality pipe lasts longer."

- Gene Cox, MidCon Underground Construction, Inc., Denton, NE

## POWER PIPE® HD, UNLINED

Power Pipe HD Unlined is a premium drill pipe designed specifically for Ditch Witch drills. This unlined pipe features an improved bend radius, and a wear indicator groove with double shoulders for the strongest, most wear-resistant tool joints in the industry. Meets S-135 strength standards.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
355-1038	1.13" x 1.875" x 1.1	4.9' / 1.5 m	70' / 21.3 m	JT5
355-1228	1.58" x 2" x 1.41	6' / 1.8 m	82' / 25.0 m	JT922 Fine Thread
355-1149	1.58" x 2.125" x 1.3	6' / 1.8 m	82' / 25.0 m	JT922 Coarse Thread / JT9 / JT10
355-1152	2.06" x 2.5" x 1.69	7' / 3 m	107' / 32.6 m	JT1720
355-1106	2.06" x 2.63" x 1.94	10' / 3 m	107' / 32.3 m	JT2020 / JT20
355-1312	2.25" x 2.63" x 1.76	10' / 3 m	117' / 35.6 m	JT24
355-1094	2.38" x 2.75" x 2.11	9.8' / 3 m	123' / 37.5 m	JT25 / JT2720M1 / JT30
355-1210	2.81" x 3.13" x 2.10	15" / 4.57 m	146' / 44.5m	JT40
355-1079	3.06" x 3.5" x 2.46	15' / 4.57 m	170' / 51.8 m	JT60
355-1200	3.63" x 4" x 3.27	14.75' / 4.5 m	205' / 56.5 m	JT7020M1 / JT8020M1 / JT100M1

#### **FORGED HD**

Designed specifically for Ditch Witch® drills, the Forged HD drill pipe is forged from a single piece of 4130 steel. It's compatible with all Power Pipe® HD, Fluid Miser® II and unlined pipe. The Forged HD features the same great bend radius as our Fluid Miser II pipe, with the strongest tool joints and most wear-resistant threads in the industry. Meets S-135 strength standards and made with U.S. and German steel to provide more scratch-resistant material and improve the life of the pipe.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
355-1301	1.63" x 2.00" x 1.3	6' / 1.8 m	84 ' / 25.6 m	JT9 / JT922 Coarse Thread / JT10
355-1246	2.10" x 2.50" x 1.94	10' / 3.05 m	109' / 33.2 m	JT20
355-1233	2.38" x 2.63" x 1.76	10' / 3 m	123' / 37.5 m	JT24
355-1244	2.38" x 2.75" x 2.11	9.8' / 3.05 m	123' / 37.5 m	JT25 / JT30
355-1303	2.75" x 3.13" x 2.10	15' / 4.57 m	143' / 43.6 m	JT40

#### **FORGED HDX**

Designed to match competitive threads, the Ditch Witch® Forged HDX drill pipe is forged from the highest-quality steel and meets S135 strength standards. It features thicker wall tubing than competitive pipe, delivering superior stability without compromising bend radius.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
355-1349	1.63" x 1.88" x #200	6' / 1.8 m	82' / 25 m	JT9 / JT10 / D9X13 / D10X15
355-1350	2.38" x 2.63" x #600	10° / 3.05 m	123' / 37.5 m	JT20 / JT24 / JT25 / JT30 / D24X40 / D23X30
355-1352	2.75" x 3.13" x #700	15' / 4.57 m	143' / 43.6 m	JT40

## POWER PIPE®, FLUID MISER® II\*LEGACY

Our patented manufacturing process produces something no one else can: the strongest pipe available. Fluid Miser II features our exclusive lining to reduce drilling fluid volume of the pipe by as much as 76 percent, allowing your drill string to pressure up faster and clean up quicker.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
369-227	1.63" x 2" x 1.41	10' / 3.05 m	100' / 30.5 m	JT920L
369-048	1.58" x 2" x 1.41	6.6' / 2 m	100' / 30.5 m	JT920 / JT921
401-239	1.82" x 2.38" x 1.47	10' / 3.05 m	120' / 36.6 m	JT1220
369-235	2.23" x 2.75" x 1.94	9.8' / 3 m	145' / 44.2 m	JT2720
369-221	2.63" x 3.25" x 2.40	14.75' / 4.5 m	150' / 45.7 m	JT4020
369-804	2.81" x 3.5" x 2.59	14.75' / 4.5 m	185' / 56.4 m	JT4020M1

# POWER PIPE®, UNLINED\*LEGACY

Power Pipe is a high-strength, low-alloy steel pipe, delivering the perfect balance of tensile strength and flexibility.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
355-1066	1.13" x 1.88" x 1.10	4.9' / 1.5 m	70' / 21.3 m	JT520
355-1052	1.13" x 1.75" x 1.21	4.9' / 1.5 m	70' / 21.3 m	JT520
400-842	1.63" x 2" x 1.41	10' / 3.05 m	100' / 30.5 m	JT920L
400-963	1.58" x 2" x 1.41	6.6' / 2 m	100' / 30.5 m	JT920 / JT921
355-1005	1.82" x 2.38" x 1.47	10' / 3.05 m	120' / 36.6 m	JT1220
400-844	2.23" x 2.75" x 1.94	9.8' / 3 m	145' / 44.2 m	JT2720
400-846	2.63" x 3.25" x 2.4	14.75' / 4.5 m	150' / 45.7 m	JT4020
400-847	2.81" x 3.5" x 2.59	14.75' / 4.05 m	185' / 56.4 m	JT4020M1

### **ALL TERRAIN PIPE**

The patented mechanical dual-pipe All Terrain system features a strong drive rod that turns inside an outer pipe. This enables Ditch Witch® All Terrain directional drills to utilize a mechanical transfer of power to the cutting head. This method delivers a more efficient and productive system that outperforms all other rock systems in their horsepower class. Made with U.S. and German steel.

PART NUMBERS	PIPE BODY X TOOL JOINT X THREAD	DRILL PIPE LENGTH	BEND RADIUS	MODEL(S)
355-1354	1.94" x 3.25" x 2.77DS / LR	9.3' / 2.84 m	145' / 44.2 m	AT30 / AT2720
355-1351	2.23" x 3.25" x 2.77DS	9.3' / 2.84 m	145' / 44.2 m	AT30 / AT2720
355-1338	2.94" x 3.25" x 2.77DS / FLUSH	9.3' / 2.84 m	153' / 46.6 m	AT30 / AT2720
355-1195	3.07" x 3.75" x 2.95DS	15' / 4.6 m	170' / 51.8 m	AT40
355-1258	3.63" x 4.13" x 3.25SS	14.25' / 4.34 m	205' / 62.5 m	AT4020 / AT60
355-1254	3.63" x 4.50" x 3.44SS	14.1' / 4.31 m	205' / 62.5 m	AT100

DS = Double Shoulder LR = Lead Rod SS = Single Shoulder



### **ROD WIPERS**

PART NUMBERS	MODEL(S)
116-515	JT520 / JT5
149-578	JT920 / JT920L / JT921 / JT922 / JT9 / JT10
149-974	JT1220
362-2078	AT30 Flush / AT40
149-973	JT1720 / JT2020 / JT2720 / JT20 / JT24 / JT30 / JT40 / AT2720 / AT30 / HIWS2
362-2694	JT40
117-627	JT4020M1 / JT60
157-196	JT7020M1 / JT8020M1 / JT100M1 / AT4020 / AT60 / AT10



### **TOOL JOINT COMPOUNDS**

PART NUMBERS	<b>CONTAINER SIZE</b>	DESCRIPTION
256-026	14 oz	Artic GD Cartridge
256-1003	14 oz	ENVTL Friendly Cartridge
256-663	14 oz	STD Cartridge
256-1000	1 gal	STD Spray
259-858	2 gal	STD Spray
256-031	2 gal	SUMR Spray
256-1005	2 gal	ENVTL Friendly
256-1006	5 gal	ENVTL Friendly
256-025	5 gal	SUMR Spray
256-027	5 gal	STD Spray

