



The Charles Machine Works, Inc.
Ditch Witch Division
1959 West Fir Avenue
P.O.Box 66
Perry, OK 73077
Phone No : 1-800-654-6481
Fax No : 580 336 0617
Email : global@ditchwitch.com

Sold-to Party Address

CITY OF KINGSPORT
SOURCEWELL MEMBER 29779
415 BROAD STREET
KINGSPORT TN 37660

Quotation

Information

Quotation No. 20219240
Document Date 12/11/2024
Customer No. 513148
Dealership DITCH WITCH OF TENNESSEE
KNOXVILLE
PO _____
Created by Todd Miller

Global Account Price Quote Quote Valid until : 09/02/2025

TAXES ARE AN ESTIMATE AT TIME OF QUOTATION-ACTUAL TAX WILL BE CALCULATED AT TIME OF INVOICING. IF TAXES ARE QUOTED AND THIS IS A TAX EXEMPT TRANSACTION, PLEASE PROVIDE TAX EXEMPT CERTIFICATE OR LEASING DETAILS WITH YOUR PURCHASE ORDER.

FOR MODEL SPECIFICATIONS OR OTHER INFORMATION, VISIT OUR WEBSITE AT WWW.DITCHWITCH.COM

Page 1 of 4

Quotation Details

Qty	Material Description	Unit Price	Discount	Amount
	***** SOURCEWELL CONTRACT 110421-CMW ***** JT5/DP/DHT \$90,542.90 ELECTRONICS \$19,438.70 CABLE LOCATOR \$6,752.86 EQPT TOTAL \$116,734.46 ***** PER SOURCEWELL CONTRACT PLEASE ISSUE PURCHASE ORDER TO THE CHARLES MACHINE WORKS, INC *****			
1EA	JT5B - JT5B With the following configuration: Anchor Bits 4in Auger Hydraulic Oil Standard			
1EA	190-1662 - ANTIFREEZE KIT			
1EA	JT5B-PREP - JT5B-Prep			
30EA	355-1038 - JT5 POWER PIPE 1.13 X 1.88 1.10 -5 1.5M			

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Qty	Material Description	Unit Price	Discount	Amount
1EA	TD-RECON - TD-RECON With the following configuration: Radio Option North America Radio			
1EA	190-1986 - JT5 TD RECON STEEL MOUNT KIT			
1EA	300-7827 - SAVER SUB (1.10 F)			
1EA	400-1261 - EZ CONNECT 2 (1.10-5M X 1.31-6M EZ2)			
1EA	400-2672 - CONNECTOR (1.31-6 F EZ2 / 2.0 A PI-IF, M)			
1EA	400-3323 - 2.38" PWRHOUSE XD (3H-12MM/DW/2 .0 IF)			
1EA	400-2749 - 3-3/12-50-10 OMNI BIT			
1EA	MARKSMAN - Marksman With the following configuration: Radio Option North America Radio			
1EA	220-2383 - Carry Bag, W/ Blank Strap (830)			
1EA	220-2847 - MARKSMAN SWIVEL BASE MOUNT			

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Qty	Material Description	Unit Price	Discount	Amount
1EA	102-1790 - M15 BEACON			
1EA	UTG2-CLASSIC - UTG2-CLASSIC With the following configuration: Power Frequencies 60/120/180 Headphones No			
1EA	222-10422 - UTG EVA CASE			
1EA	UTG2-T5 - UTG2-T5			
1EA	220-2310 - LITHIUM BATTERY KIT, NORTH AMER ICA			
1EA	220-2329 - CARRY BAG, MFL, SS			
1EA	220-2330 - Trans Bag, MFL, SS			
1EA	220-2331 - 5 INCH CLAMP ASSEMBLY			
1EA	220-373 - Telephone lead adapter (alligat or clip)			

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Quotation Details				
Qty	Material Description	Unit Price	Discount	Amount
		Corporate Account Price		116,734.46
		Total Freight		970.00
		Installation Charge		80.00
		Total Amount		\$ 117,784.46

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JT5

Experience built the Ditch Witch® JT5 Horizontal Directional Drill. With input from our customers and their many years of experience installing utilities on tight jobsites, our engineers developed the ideal compact rig with the right amount of thrust and pullback for shallow installations of cable, fiber and water systems up to 180 feet in length (46 m) beneath roads, driveways, sidewalks, sensitive landscaping, and other surface obstacles. The JT5 is a true team effort.

Compact and maneuverable JT5 fits through a 26-inch (910-mm) yard gate; at 220 inches (5.7 m) long, it can be set up on the street with minimal traffic disruption.

Ergonomic operator's station features a stationary seat, automatic flare, shutoff control and easy visibility of the remote display.

Specially designed drill pipe has aggressive bend radius so you can successfully install utilities around structures.

Convenient, electrically operated lubrication system helps maximize the life of pipe joints and increase productivity.

Stand removes easily for access to engine and service points.

Field-proven rack-and-pinion thrust drive designed for low maintenance and reliability.

Open-top vise wrenches are designed to center the pipe better every time and provide an excellent view of the tool joint.

Heavy-duty anchor system keeps the JT5 secure during operation, reduces wear on pipe threads and enables better alignment of pipe during makeup.





JT5

HORIZONTAL DIRECTIONAL DRILL

**Ditch
Witch®**

Ditch Witch®

JT5 HORIZONTAL DIRECTIONAL DRILL

OPERATION

	U.S.	METRIC
Spindle speed, max	195 rpm	
Spindle torque, max	550 ft-lb	746 N-m
Carriage thrust travel speed	130 fpm	40 m/min
Carriage pullback travel speed	130 fpm	40 m/min
Thrust force	4,100 lb	18.2 kN
Pullback force	5,000 lb	22.2 kN
Bore diameter	2.5 in	63.5 mm
Backream diameter, soil dependent	4.5 in	114 mm
Ground travel speed		
Forward/reverse	1.53 mph	2.46 km/h

POWER

Engine	Kubota® D1105	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Indirect	
Aspiration	Natural	
Number of cylinders	3	
Displacement	68.6 in³	1.12 L
Bore	3.07 in	78 mm
Stroke	3.09 in	78.5 mm
Manufacturer's gross power rating	24.8 hp	18.5 kW
Rated speed	3,000 rpm	
Emissions compliance Tier 4	EPA Tier 4	

DIMENSIONS

	U.S.	METRIC
Length	120 in	3.1 m
Width	35.9 in	91.2 cm
Height	70 in	1.78 m
Weight	3,690 lb	1674 kg
Entry angle	10-16°	
Angle of approach	18°	
Angle of departure	18°	

DRILLING FLUID SYSTEM (ONBOARD)

Pressure, max	750 psi	51.7 bar
Flow, max	5 gpm	18.9 l/min

FLUID CAPACITIES

Hydraulic reservoir	8 gal	30 L
Fuel tank	13 gal	49 L

POWER PIPE® HD

Length of drill pipe, nominal	59 in	1.5 m
Diameter of drill pipe, tool joint end	1.88 in	47.8 mm
Diameter of drill pipe	1.13 in	28.7 mm
Bend radius, min	70 ft	21.3 m
Weight of drill pipe	16 lb	7.25 kg

BATTERY

SAE reserve capacity rating	85 min	
SAE cold crank rating @ 0°F (-18°C)	525 amps	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

THE DITCH WITCH® HDD SYSTEM INCLUDES:



HDD TOOLING

Genuine Ditch Witch drill bits, backreamers, drill pipe, and beacon housings provide superior performance and maximum productivity.



DEALER SERVICE AND SUPPORT

Get the best new or used equipment, parts, service, financing, or all of the above.



TRAINING

Your Ditch Witch HDD system comes with more than just equipment. It comes with the training to keep your crews confident and efficient, with courses online, in-the-classroom and even on-the-job from certified industry pros.



MUD MIXERS

Our fluid-management systems include the FM5X, which is simple, easy to transport and offers multiple configuration options.

