HT275 TRENCHER

KEY FEATURES/BENEFITS

MAXIMIZED POWER

Built for pipeline distribution, underdrain installation and other heavy-duty trenching tasks, the Ditch Witch® HT275 provides exceptional power and productivity with a Cummins® 275-hp (205-kW) Tier 4 engine.

UNRIVALED VERSATILITY

The patent-pending design offers up to four purpose-built attachments for jobsite versatility and installations up to 10 ft deep and 26 in wide to optimize digging efficiencies in dirt and rock.

PROVEN PERFORMANCE

An integrated tractor tilt design provides the ability to dig a completely vertical ditch on a side slope. The track-tilt option allows both tracks to remain flat on the ground on uneven terrain. The unique, patent-pending design allows tracks to float independently for enhanced ground engagement and improved reliability.

INDUSTRY-LEADING CAB

The hydraulic sliding cab offers industry-leading visibility and boosts operator comfort with the most spacious cab in its class.

SIMPLIFIED MAINTENANCE

The innovative design offers easy access to the undercarriage, engine and hydraulic components, making routine maintenance and serviceability easy.

ENHANCED PRODUCTIVITY

The HT275 is equipped with multiple chain styles with various cut/tooth patterns to best meet the needs of each unique jobsite. All chain is available through your local Ditch Witch dealership.

Ditch Witch®

HT275 TRENCHER SPECIFICATIONS

DIMENSIONS (STD)	U.S.	METRIC
Height, transport	138 in	3505 mm
Height, transport w/rubber track pads	139 in	3533 mm
Length, transport (tractor only)	246 in	6240 mm
Length, transport (w/6 ft boom & trench cleaner)	450 in	11430 mm
Width, transport	100 in	2549 mm
Weight, transport (max tractor only)	42,000 lb	19051 kg
Weight, transport (max combined)	85,000 lbs	38555 kg

CENTERLINE TRENCHER	U.S.	METRIC
Trench depth		
Single chain	4, 6, 8, 10 ft	1.22, 1.83, 2.44, 3.05 m
Double chain	4, 6, 8 ft	1.22, 1.83, 2.44 m
Trench width		
Single chain	14, 16, 18, 20, 22 in	355, 406, 457, 508, 558 mm
Double chain	22, 24, 26 in	558, 609, 660 mm
Digging chain speed	270-650 fpm	82-198 m/s
Weight (dependent on boom option)	25,000-28,500 lb	11339-12927 kg
Width	100	2549 mm
Height	139.5 in	3543 mm
Length (6 ft boom option)	265 in	6737 mm

POWER	U.S.	METRIC
Engine	Cummins® 9L Tier 4	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged,charge air cooled	
Number of cylinders	6	
Displacement (Tier 4)	543 in^3	8.9 L
Bore	4.49 in	114 mm
Stroke	5.69 in	145 mm
Manufacturer's gross power rating (SAEJ1995)	275 hp	205 kW
Rated speed	2,200 rpm	
Engine tilt angles, max, longitudinal	45°	
Engine tilt angles, max, lateral	45°	
Emissions compliance, highly regulated countries	EPA Tier 4 final	
Emissions compliance, less regulated countries	EPA Tier 3	

OPERATION	U.S.	METRIC
Ground drive speed, high		
Forward/reverse	2.5 mph	4 km/h
Ground drive speed, low		
Forward/reverse	1.25 mph	2 km/h

HYDRAULIC SYSTEM		
Track drive closed loop (each track)	54 gpm	204 l/min
Track drive pump relief pressure	5,000 psi	345 bar
Attachment pump capacity	120 gpm	454 l/min
Attachment pump relief pressure	4,700 psi	324 bar
Auxiliary pump capacity	22 gpm	83 l/min
Auxiliary pump relief pressure	3,000 psi	206 bar
Conveyor pump capacity	32 gpm	121 l/min
Conveyor pump relief pressure	4,000 psi	275 bar

FLUID CAPACITIES		
Fuel tank	145 gal	549 L
Engine oil	20 qt	19 L
Hydraulic reservoir	90 gal	341 L
Cooling system	8.38 gal	31.7 L
DEF tank	10 gal	38 L

NOISE LEVEL*	
Sound pressure, operator	91 dBA
Sound power, exterior	109 dBA
*Unless otherwise specified, all figures are for standard equipment only	

BATTERY	
Group	8D
SAE reserve capacity rating	430 min
SAE cold crank @ 0°F (-18°C)	1450 CCA
Auxiliary power outlet	12 volt, 10 amp

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.

Ditch Witch®
ditchwitch.com

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