



DITCH WITCH®

HT220/HT300 TRENCHERS

The Ditch Witch line of trenchers just got bigger—a lot bigger. The HT220 and HT300 are rock-digging workhorses designed to thunder through extreme conditions that others wouldn't dare to. And with trenches up to 10 feet (3 m) deep and up to 36 inches (914 mm) wide, the HT220 and HT300 will dig down deep and get the job done.



KEY FEATURES

Exclusive flywheel gearbox delivers maximum power to the trenching attachment on demand—while greatly reducing shockloads to the hydraulic system.

Forged, heat-treated, high-alloy steel headshaft is guaranteed for life.

Reversible spoils conveyor effectively deposits soils on either side of the trench.

Trencher stabilizers—which effectively isolate vibration in rock and other harsh conditions—are standard equipment.

HT220 0908-3

DETAILS

Reliable cruise control system automatically adjusts ground speed to changing soil conditions.

Patented bit block digging system lets you easily customize your digging tooth pattern to best fit your application.

Easy-to-use controls are designed for optimal productivity and reliability in harsh job applications.

Fully enclosed cab with climate control greatly increases operator comfort, reduces noise, and comes standard on every machine.

Sturdy undercarriage is designed to withstand the rigors of rock-laden jobsites.

The Ditch Witch organization supports all of its products with superior-quality parts, service, and training, all available from a worldwide network of Ditch Witch dealers.

 **Ditch Witch®**
GROUNDBREAKING™

SPECIFICATIONS

HT220

HT300

DIMENSIONS

TRANSPORT HEIGHT
TRANSPORT LENGTH (WITH 6-FT/1.8-M BOOM
AND TRENCH CLEANER)
TRANSPORT WIDTH
WEIGHT, MAXIMUM

U.S.	METRIC
112 IN	2.8 M
27 FT 3 IN	8.31 M
87 IN	2.2 M
43,000 LB	19 504 KG

U.S.	METRIC
122 IN	2.8 M
29 FT 10 IN	9.09 M
102 IN	2.61 M
70,500 LB	32 000 KG

OPERATION

GROUND DRIVE SPEED, FORWARD
GROUND DRIVE SPEED, REVERSE
GROUND DRIVE TRANSMISSION

BRAKE

TRENCH DEPTHS
TRENCH WIDTHS
SINGLE CHAIN
DOUBLE CHAIN
DIGGING CHAIN SPEED

0 - 2.1 MPH	0 - 3.3 KM/H
0 - 2.1 MPH	0 - 3.3 KM/H
DUAL PATH, HYDROSTATIC DRIVE; PLANETARY TRANSMISSION	
INTEGRAL SPRING-APPLIED, PRESSURE- RELEASED, WET DISC BRAKE	
4 FT, 6 FT, 8 FT	1.2 M, 1.8 M, 2.4 M
12 - 18 IN	300 - 460 MM
20 - 24 IN	500 - 600 MM
0 - 650 FPM	0 - 200 M/MIN

0 - 2.5 MPH (HIGH)	0 - 4.0 KM/H (HIGH)
0 - 2.5 MPH (HIGH)	0 - 4.0 KM/H (HIGH)
DUAL PATH, HYDROSTATIC DRIVE; PLANETARY TRANSMISSION	
INTEGRAL SPRING-APPLIED, PRESSURE- RELEASED, WET DISC BRAKE	
4 FT, 6 FT, 8 FT, 10 FT,	1.2 M, 1.8 M, 2.4 M
12 - 18 IN	300 - 460 MM
24 - 36 IN	600 - 900 MM
0 - 530 FPM	0 - 160 M/MIN

CONVEYOR DRIVE

BELT SPEED
DISCHARGE DIRECTION
CONVEYOR LENGTH
CONVEYOR BELT WIDTH
DISCHARGE HEIGHT

0 - 656 FPM	0 - 199 M/MIN
RIGHT OR LEFT	
79 IN	1.95 M
22 IN	560 MM
TBD	TBD

0 - 790 FPM	0 - 240 M/MIN
RIGHT OR LEFT	
98.5 IN	2.5 M
24 IN	600 MM
57 IN	1.45 M

HYDRAULIC SYSTEM

TYPE
FLOW RATE, MAXIMUM
PRESSURE, MAXIMUM

PRESSURE AND FLOW COMPENSATED	
53 GPM	201 L/MIN
2600 PSI	180 BAR

PRESSURE AND FLOW COMPENSATED	
43 GPM	164 L/MIN
2600 PSI	172 BAR

POWER

ENGINE
FUEL
COOLING MEDIUM
INJECTION
ASPIRATION
NUMBER OF CYLINDERS
DISPLACEMENT
BORE
STROKE
NET POWER RATING PER SAE J1349
RATED SPEED

CUMMINS QSB6.7 TIER 3	
DIESEL	
LIQUID	
DIRECT	
TURBOCHARGED AND AIR-COOLED	
6	
408 CU IN	6.7 L
4.02 IN	102 MM
4.72 IN	120 MM
220 HP	164 KW
2200 RPM	2200 RPM

CATERPILLAR C9ACERT 5834 3	
DIESEL	
LIQUID	
DIRECT	
TURBOCHARGED AND AIR-COOLED	
6	
537 CU IN	8.8 L
4.41 IN	112 MM
5.87 IN	149 MM
300 HP	224 KW
2200 RPM	2200 RPM

FLUID CAPACITIES

FUEL TANK
ENGINE OIL, INCLUDING FILTER
HYDRAULIC RESERVOIR

114 GAL	431 L
6.6 GAL	25 L
85 GAL	321 L

192 GAL	730 L
TBD	TBD
73 GAL	275 L

BATTERY

SAE RESERVE CAPACITY RATING
SAE COLD CRANK RATING @ 0°F (-18°C)

150 MIN	150 MIN
825 AMPS	825 AMPS

TBD	TBD
TBD	TBD