



DITCH WITCH HT25

COMPACT TRENCHER



DETAILS

Operator's station features same-seat operation for trencher, optional backhoe, and optional drilling attachment tasks.

Narrow width (35.5 inches/902 mm) and zero turn radius maximize productivity and maneuverability in tight spaces.

Rubber tracks minimize surface damage and reduce jobsite restoration time and expense.

Standard canopy and optional heated cab provide year-round operator comfort.

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.

KEY FEATURES

Enclosed, self-lubricating gearbox and serpentine belt reduce daily digging attachment maintenance needs.

Easy-to-identify, color-coded controls are conveniently placed and include electric-over-hydraulic digging chain engagement.



DITCH WITCH HT25 COMPACT TRENCHER

From city streets to suburbs, from construction sites to backyards, the Ditch Witch® HT25 is never out of its element. Service line replacement or installation, small utility work, and a myriad of landscaping projects pose little challenge for this versatile, 25-hp (18.6 kW) machine. Three digging attachment choices allow for centerline, wide centerline, and offset trenching. Add an optional backhoe, backfill blade, and Roto Witch® drilling attachment and you can work all day behind one set of easy-to-use controls.

SPECIFICATIONS HT25

DIMENSIONS

TRENCH DEPTH, MAXIMUM
ANGLE OF APPROACH
ANGLE OF DEPARTURE
TRENCH WIDTH, MAXIMUM
BOOM ANGLE, DOWN
BOOM ANGLE, UP
HEIGHT, TOP OF CAB
BASIC UNIT LENGTH, TRANSPORT
CENTERLINE OF TRACK, HUB TO HUB
WIDTH, TRANSPORT
WIDTH, CENTER OF TRACKS

U.S.	METRIC
48 IN	1.22 M
19°	19°
18°	18°
16 IN	406 MM
53°	53°
50°	50°
80 IN	2.03 M
120 IN	3.05 M
39 IN	990 MM
35.5 IN	902 MM
26 IN	66 CM

OPERATION

VEHICLE SPEEDS
MAXIMUM TRANSIT FORWARD
MAXIMUM TRANSIT REVERSE
DIGGING CHAIN SPEED @ 3000 ENGINE RPM
HEADSHAFT SPEED @ 3000 ENGINE RPM
OPERATING WEIGHT, W/3-FT (914 MM) BOOM,
BACKFILL BLADE, CAB, AND A225 BACKHOE
OPERATING WEIGHT, W/ATTACHMENT FRAME,
6-IN (15.7 CM) CHAIN, AND BACKFILL
BLADE

U.S.	METRIC
2.3 MPH	3.7 KM/H
1.7 MPH	2.7 KM/H
364 FPM	111 M/MIN
180 RPM	180 RPM
4080 LB	1850.7 KG
2660 LB	1206.5 KG

BACKFILL BLADE

4-WAY HYDRAULIC LIFT, ANGLE
BLADE WIDTH
BLADE HEIGHT
BLADE LIFT, ABOVE GROUND
BLADE DROP, BELOW GROUND
MAXIMUM SWING ANGLE, LEFT/RIGHT
STANDARD LEFT AUGER
DIAMETER
LENGTH
STANDARD RIGHT AUGER
DIAMETER
LENGTH
OFFSET AUGER (OPTIONAL)
DIAMETER
LENGTH

U.S.	METRIC
35.5 IN	902 MM
9.9 IN	251 MM
30°	30°
20°	20°
28°	28°
4 IN	100 MM
13.5 IN	343 MM
10.5 IN	267 MM
12.2 IN	310 MM
10.5 IN	267 MM
16.4 IN	417 MM

POWER

ENGINE
FUEL
COOLING MEDIUM
INJECTION
ASPIRATION
NUMBER OF CYLINDERS
DISPLACEMENT
BORE
STROKE
MANUFACTURER'S GROSS POWER RATING*
ESTIMATED NET POWER RATING**
RATED SPEED

*PER SAE J1995
**PER SAE J1349

U.S.	METRIC
KUBOTA D1105-ES	
DIESEL	
LIQUID	
INDIRECT	
NATURAL	
3	
68.6 IN³	1.1 L
3.07 IN	78.0 MM
3.09 IN	78.4 MM
26 HP	19.4 KW
24.5 HP	18.3 KW
3000 RPM	3000 RPM

POWERTRAIN

GROUND DRIVE

SERVICE BRAKE

PARKING BRAKE

TRACKS

TRENCHER DRIVE
TRANSMISSION

CLUTCH

U.S.	METRIC
DUAL HYDROSTATIC, INFINITELY VARIABLE FROM ZERO TO MAXIMUM, HAND-LEVER OPERATED SPEED/DIRECTION CONTROL	
GROUND DRIVE SPEED/DIRECTION CONTROLS BRAKE MACHINE HYDRAULICALLY WHEN MOVED TO NEUTRAL POSITION	
DISC, SPRING APPLIED, HYDRAULIC PRESSURE-RELEASED	
230 X 39 X 72 FP	
BELT DRIVE THROUGH GEARBOX REDUCTION	
ELECTRIC OVER HYDRAULIC	

FLUID CAPACITIES

FUEL TANK
ENGINE OIL, W/FILTER
ENGINE COOLING SYSTEM
HYDRAULIC SYSTEM
HYDRAULIC RESERVOIR

HYDRAULIC SYSTEM
GROUND DRIVE
PUMP CAPACITY
PUMP RELIEF
AUXILIARY
PUMP CAPACITY PER TRACK
PUMP RELIEF

U.S.	METRIC
6 GAL	22.7 L
4.5 QT	4.3 L
6 QT	5.7 L
10.1 GAL	38.2 L
8.7 GAL	32.9 L
11.8 GPM	44.9 L/MIN
TRACK SLIP	
6.7 GPM	25.2 L/MIN
2320 PSI	160 BAR
26	
525 AMPS	
85 MINUTES	

BATTERY

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

ATTACHMENTS/OPTIONS

TRENCHERS

CENTERLINE (3 TYPES)
DEPTH
WIDTH
WIDE CENTERLINE (3 TYPES)
DEPTH
WIDTH
OFFSET (2 TYPES)
DEPTH
WIDTH

U.S.	METRIC
3-4 FT	0.9-1.2 M
4-8 IN	100-200 MM
2-4 FT	0.6-1.2 M
8-16 IN	200-400 MM
2-3 FT	0.6-0.9 M
12 IN	300 MM

A225 BACKHOE

TRANSPORT HEIGHT
GROUND CLEARANCE
DIGGING DEPTH, MAXIMUM
DIGGING DEPTH, 2 FT (0.6 M) FLAT BOTTOM
OPERATING HEIGHT, FULLY RAISED
BUCKET ROTATION
BUCKET WIDTH
BUCKET CAPACITY
BACKHOE WEIGHT WITH BUCKET
LIFT CAPACITY,
BOOM OVER END AND SWING ARC, SAE
@ 36 IN (0.9 M)
AT GROUND LEVEL
LIFT CAPACITY,
DIPPER STICK OVER END AND SWING ARC, SAE
@ 41 IN (1 M)
@ 62 IN (1.6 M)
SWING ARC

U.S.	METRIC
77.3 IN	1.96 M
20 IN	510 MM
68 IN	1.73 M
64 IN	1.63 M
93 IN	2.36 M
176°	176°
12 IN	305 MM
1 FT³	0.027 M³
780 LB	354 KG
154 LB	70 KG
359 LB	163 KG
180 LB	82 KG
140 LB	64 KG
170°	170°

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. *DIMENSIONS ARE BASED ON 3 FT (910 MM) CENTERLINE DIGGING ATTACHMENT AND BACKFILL BLADE.