



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 IN ³ | 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

BATTERY

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

| 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 | |

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 FT ³ | 0.027 M ³ |
| 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.