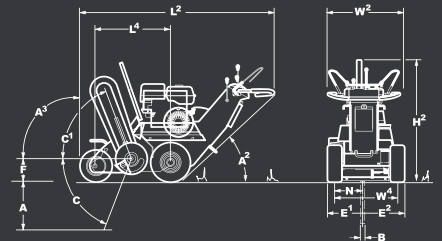
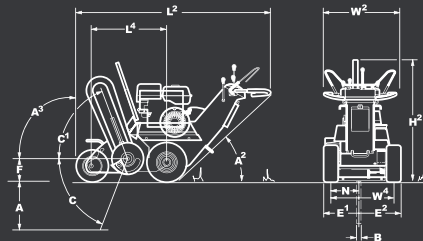


DITCH WITCH 1230, 1030

Do you want a good reason why Ditch Witch pedestrian machines have been the best-selling trenchers in the world? Here are two. The Ditch Witch 1030 and 1230 feature rugged mechanical digging drives and hydrostatic ground drives that never let you down. Their compact size lets you take them anywhere, while their solid frames and variety of digging chains let you take on any type of dirt.





SPECIFICATIONS

GENERAL

DIMENSIONS*

A TRENCH DEPTH, MAXIMUM*
A¹ ANGLE OF APPROACH
A² ANGLE OF DEPARTURE
B TRENCH WIDTH*
C BOOM TRAVEL, DOWN
C¹ BOOM TRAVEL, UP
E¹ CENTERLINE TRENCH TO OUTSIDE EDGE OF MACHINE, LEFT
E² CENTERLINE TRENCH TO OUTSIDE EDGE OF MACHINE, RIGHT
F HEADSHAFT HEIGHT, DIGGING CHAIN
H¹ TRANSPORT HEIGHT
L¹ TRANSPORT LENGTH
L² WHEELBASE
N SPOILS DISCHARGE REACH
W¹ WIDTH, TRANSPORT
W² TREAD

OPERATION

VEHICLE SPEEDS
DIGGING CHAIN SPEED
SPOILS HANDLING (SINGLE, OPEN-END AUGER) AUGER-SIZE
OUTER DIAMETER
INNER DIAMETER
LENGTH
TRENCHER CLEANER TYPE
TRENCHER CLEANER SIZE
OPERATING WEIGHT (BASED ON ROLLER BOOM AND NARROW-WIDTH DIGGING CHAIN)

POWER

ENGINE
TYPE
FUEL
COOLING MEDIUM
NUMBER OF CYLINDERS
DISPLACEMENT
BORE
STROKE
MANUFACTURER'S POWER RATING
RATED SPEED

POWER TRAIN

GROUND DRIVE TRANSMISSION
PUMP DRIVE CLUTCH
DIGGING CHAIN CLUTCH
TRENCHER DRIVE
BELT
DIGGING CHAIN
CHAIN DRIVE SPROCKET
SPOILS HANDLING DRIVE

TIRES/PRESSURE

DRIVE, STANDARD
DRIVE, OPTIONAL
TRAIL

HYDRAULIC SYSTEM

DRIVE PUMP CAPACITY @ 2500 RPM
FILTRATION
HYDRAULIC DRIVE MOTOR
TORQUE @ 1000 PSI (69 BAR) AND 9.8 GPM (37 L/MIN)
SPEED @ 1000 PSI (69 BAR) AND 9.8 GPM (37 L/MIN)
DISPLACEMENT
TYPE

FLUID CAPACITIES

FUEL TANK
ENGINE OIL
HYDRAULIC RESERVOIR
HYDRAULIC SYSTEM
AXLE OIL
HEADSHAFT GEARBOX OIL

1230

DITCH WITCH MODEL 1230 SELF-PROPELLED WALK-BEHIND,
MANUALLY STEERED, TWO-WHEEL DRIVE, RIGID-FRAME,
CHAIN-TYPE TRENCHER

U.S.	METRIC
36 IN	910 MM
35°	35°
65°	65°
4.3-6 IN	110-150 MM
60°	60°
47°	47°
15 IN	381 MM
17 IN	432 MM
8.6 IN	220 MM
47 IN	1.17 M
88 IN	2.24 M
32 IN	810 MM
10.6 IN	270 MM
32 IN	800 MM
26 IN	660 MM

155 FPM	47 M/MIN
276 FPM	84 M/MIN

12 IN	305 MM
4 IN	102 MM
9 IN	229 MM
MECHANICAL	
4-6 IN	100-152 MM

905 LB	410.5 KG
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HONDA GX390
4-STROKE, OVERHEAD VALVE
GASOLINE
AIR

1	
23.7 IN ³	389 CM ³
3.5 IN	88 MM
2.5 IN	64 MM
13 HP	9.7 KW
3600 RPM	3600 RPM

HYDROSTATIC, INFINITELY VARIABLE FROM ZERO TO MAXIMUM,
GEARBOX TO AXLE, SPEED AND DIRECTION CONTROLLED WITH SINGLE LEVER
MECHANICAL, HAND-OPERATED, SPRING-LOADED
WITH TENSION ROLLER FOR BELT DRIVE
MECHANICAL, HAND-OPERATED, SPRING-LOADED
WITH TENSION ROLLER FOR BELT DRIVE
MECHANICAL; BELT DRIVE TO REDUCTION DRIVE, HEADSHAFT
2-GROOVE POWER BAND
33,000-LB (15 000 KG) OR 35,000-LB (15 875 KG) TEST
FORGED AND TEMPERED
MECHANICAL, ATTACHED TO AND ROTATES WITH HEADSHAFT

16 X 6.50-8; 28 PSI	193 KPA
18 X 8.50-8; 22 PSI	152 KPA
13 X 5.00-6; 20 PSI	138 KPA

9.8 GPM	37.1 L/MIN
RETURN FLOW, 10 MICRON NOMINAL	

714 IN•LB	81 N•M
369 RPM	369 RPM
6 IN ³ /REV	98 CM ³ /REV
BI-DIRECTIONAL	

1.7 GAL	6.5 L
2.3 PT	1.1 L
4.5 GAL	17 L
5 GAL	18.9 L
2.8 PT	1.3 L
2 PT	1 L

1030

DITCH WITCH MODEL 1030 SELF-PROPELLED WALK-BEHIND,
MANUALLY STEERED, TWO-WHEEL DRIVE, RIGID-FRAME,
CHAIN-TYPE TRENCHER

U.S.	METRIC
30 IN	760 MM
35°	35°
65°	65°
4.3-6 IN	110-150 MM
60°	60°
47°	47°
15 IN	381 MM
17 IN	432 MM
8.6 IN	220 MM
47 IN	1.17 M
88 IN	2.24 M
32 IN	813 MM
10.6 IN	270 MM
32 IN	813 MM
26 IN	660 MM

155 FPM	47 M/MIN
276 FPM	84 M/MIN

12 IN	305 MM
4 IN	102 MM
9 IN	229 MM
MECHANICAL	
4-6 IN	100-152 MM

900 LB	408 KG
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HONDA GX340
4-STROKE, OVERHEAD VALVE
GASOLINE
AIR

1	
20.6 IN ³	337 CM ³
3.2 IN	82 MM
2.5 IN	64 MM
11 HP	8.2 KW
3400 RPM	3400 RPM

HYDROSTATIC, INFINITELY VARIABLE FROM ZERO TO MAXIMUM,
GEARBOX TO AXLE, SPEED AND DIRECTION CONTROLLED WITH SINGLE LEVER
MECHANICAL, HAND-OPERATED, SPRING-LOADED
WITH TENSION ROLLER FOR BELT DRIVE
MECHANICAL, HAND-OPERATED, SPRING-LOADED
WITH TENSION ROLLER FOR BELT DRIVE
MECHANICAL; BELT DRIVE TO REDUCTION DRIVE, HEADSHAFT
2-GROOVE POWER BAND
33,000-LB (15 000 KG) OR 35,000-LB (15 875 KG) TEST
FORGED AND TEMPERED
MECHANICAL, ATTACHED TO AND ROTATES WITH HEADSHAFT

16 X 6.50-8; 28 PSI	193 KPA
18 X 8.50-8; 22 PSI	152 KPA
13 X 5.00-6; 20 PSI	138 KPA

9.8 GPM	37.1 L/MIN
RETURN FLOW, 10 MICRON NOMINAL	

643 IN•LB	73 N•M
410 RPM	410 RPM
5.4 IN ³ /REV	88.5 CM ³ /REV
BI-DIRECTIONAL	

1.7 GAL	6.5 L
2.3 PT	1.1 L
4.5 GAL	17 L
5 GAL	18.9 L
2.8 PT	1.3 L
2 PT	1 L

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. CONTAINS PATENTED FEATURES. *DIMENSIONS ARE BASED ON 16 X 6.50-8 TIRES AND 24-INCH (610 MM) DEPTH BOOM (EXCEPT FOR REFERENCE A).