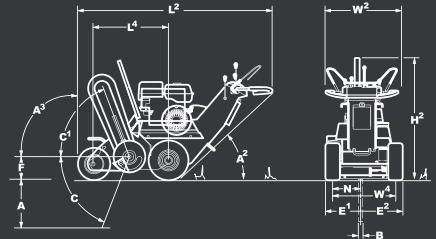
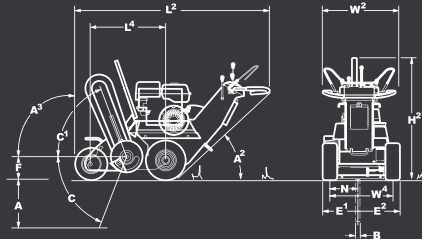


DITCH WITCH 1230, 1030

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

1230

1030

GENERAL

DIMENSIONS*

A TRENCH DEPTH, MAXIMUM*
 A' ANGLE OF APPROACH
 A'' ANGLE OF DEPARTURE
 B TRENCH WIDTH*
 C BOOM TRAVEL, DOWN
 C' 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

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

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

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

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
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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