

100SX VIBRATORY PLOW

 **Ditch Witch®**



VIBRATORY PLOWS

100SX VIBRATORY PLOW



1

All controls are color-coded and accessible from the operator's position for easy operation.

2

Minimal maintenance requirements and easy access to service points.

3

Self-propelled design for better maneuverability.

4

Hydrostatic ground drive provides greater traction, maneuverability and durability.

5

Compact size allows access through a standard yard gate.

8

Versatile plow blade can bury pipe and cable with up to 12 inches (305 mm) of cover.

7

Feed and pull blades install power and communication lines up to 0.88 inches in diameter and natural gas, water service and sprinkler systems up to 0.75 inches (19 mm) in diameter.



The Ditch Witch® 100SX does more than stand its ground against the competition. Its high-flotation tires give you the traction you need without manhandling the turf, and its quiet Briggs & Stratton® engine gives you the necessary power without assaulting your ears. With the 100SX, noise and vibration stay where they belong—below the surface.

WE'RE IN THIS TOGETHER.



100SX VIBRATORY PLOW SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS		
Height, min/max	40 in	1.02 m
Length, min	67 in	1.7 m
Width		
Max	35 in	889 mm
Min	32.5 in	825.5 mm
Ground clearance, max	4.1 in	104 mm
Plow cover depth, max	12 in	305 mm
Basic unit weight	720 lb	326 kg
OPERATION		
Ground drive speed, max		
Forward/reverse	92 fpm	28 m/min
Material installation diameter, max		
Pull blade	0.88 in	22 mm
Feed blade	0.5 in	13 mm
Material bend radius, max/min		
Feed blade	1 in	25 mm
Plow blade width		
Max	0.77 in	20 mm
Min	0.38 in	10 mm
Plow blade depth		
Max	12 in	305 mm
Min	6 in	152 mm

Dimensions are dependent on plow blade size, tire size and selection of trencher options.

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.

	U.S.	METRIC
POWER		
Engine	Briggs & Stratton® 2100 Series	
Fuel	Gasoline	
Cooling medium	Air	
Aspiration	Natural	
Number of cylinders	1	
Displacement	25.6 in³	420 cc
Bore	3.54 in	90 mm
Stroke	2.6 in	66 mm
Rated speed	3,600 rpm	
Manufacturer's gross power rating (per SAE J1940)	13.5 hp	10 kW
Drive type		
Ground	Hydrostatic	
Plow	Belt w/hand clutch	
Tires		
Max	18 x 11-8	
Min	16 x 6.5-8	

HYDRAULIC SYSTEM

Ground drive		
Pressure	2,500 psi	172 bar
Flow rate	2.2 gpm	8.3 l/min

FLUID CAPACITIES

Fuel tank	1.8 gal	6.8 L
Hydraulic reservoir	3.5 gal	13.2 L

VIBRATORY PLOW PARTS, ACCESSORIES AND SUPPORT:



DEALER SERVICE AND SUPPORT

Whether it's new or used equipment, parts, service, financing, or all of the above, your Ditch Witch dealer is prepared to offer you the best of everything. Ditch Witch dealers are chosen for their commitment to the underground construction profession, and they are thoroughly trained to represent the highest standards in the industry.

