



# 100SX VIBRATORY PLOW



**VIBRATORY PLOWS**

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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   |
|-------------------------------------|---------|----------|
| <b>DIMENSIONS</b>                   |         |          |
| 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   |
| <b>OPERATION</b>                    |         |          |
| 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    |
|--|-----------------------------------|-----------|
| <b>POWER</b>   |                                   |           |
| Engine   | Briggs & Stratton®<br>2100 Series |           |
| Fuel   | Gasoline                          |           |
| Cooling medium                                       | Air                               |           |
| Aspiration   | Natural                           |           |
| Number of cylinders                                  | 1                                 |           |
| Displacement   | 25.6 in <sup>3</sup>              | 420 cc    |
| Bore   | 3.54 in                           | 90 mm     |
| Stroke   | 2.6 in                            | 66 mm     |
| Rated speed  | 3,600 rpm                         |           |
| Manufacturer's gross power rating<br>(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                        |           |
| <b>HYDRAULIC SYSTEM</b>                              |                                   |           |
| Ground drive   |                                   |           |
| Pressure   | 2,500 psi                         | 172 bar   |
| Flow rate  | 2.2 gpm                           | 8.3 l/min |
| <b>FLUID CAPACITIES</b>                              |                                   |           |
| 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.

