

# Miller Sturdi-Saw 1 and Mini 1 (8HP thru 15HP push saws)



Sturdi-Saw 1

Both the Series 1 and Mini 1 saws share a number of design features that make them the most durable and easily maintained push saws available. The quick release blade collars make it easy to install and remove the blades, eliminating arbor damage caused by not adequately tightening the arbor nut.

With the engine mounted forward on the frame, the weight is concentrated over the arbor. This helps keep the blade in the cut, thereby increasing cutting speeds.

The tough welded box design reduces vibration and provides the most stable sawing platform in the industry. This boxed design is a Miller original and eliminates the "frame twist" that is common in saws of lighter construction. This construction minimizes blade bounce resulting in longer blade life and improved cutting performance.

## Sturdi-Saw Specifications

	Mini	Saw 1
<b>Blade capacity</b>	12"-14"	12"-18"
<b>Blade Guard</b>	One piece	Hinged
<b>Engine</b>	8-13HP	13-15HP
<b>Sheaves</b>	3 groove (2 groove for 8HP Mini only)	
<b>Bushings</b>	Quick Disconnect bushing	

	Mini	Saw 1
<b>Arbor</b>	1¼" with Quick Disconnect collar	
<b>Arbor belts</b>	(3) cog type V belts (2 for 8 Mini only)	
<b>Blade collar</b>	3½" dia. Quick Release	4" dia.
<b>Front wheels</b>	4" x 2"	4" x 2"
<b>Rear wheels</b>	6" x 2"	8" x 2"

	Mini	Saw 1
<b>Rear axle</b>	⅝"	¾"
<b>Front axle</b>	¾"	¾"
<b>Length</b>	36"	42"
<b>Width</b>	21"	24"
<b>Height</b>	36"	37"
<b>Depth of Cut</b>		
12" Blade	4"	3.75"
14" Blade	5"	4.75"
16" Blade	NA	5.75"
18" Blade	NA	6.75"

## Standard Features

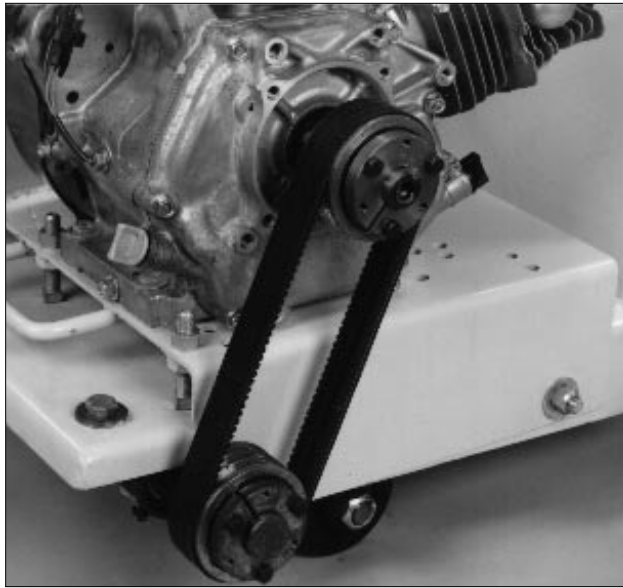
- ◆ Welded box frame construction
- ◆ Quick release 1¼" arbor shaft with self-aligning pillow block ball bearings
- ◆ Complete console with operating instructions, stop switch and engine throttle
- ◆ Adjustable engine motor mount
- ◆ Console mounted, low resistance manual crank lift with locking mechanism
- ◆ Quick disconnect sheaves

The quick disconnect bushings used on the arbor shaft and motor output shaft allow the sheaves to be easily removed, even after years of service. The laminar flow water system optimizes water flow on the blade. This improved water system reduces spray while delivering more water where the blade meets the surface.



Mini Saw 1

# The Miller Advantage



Engine Mounting Plate

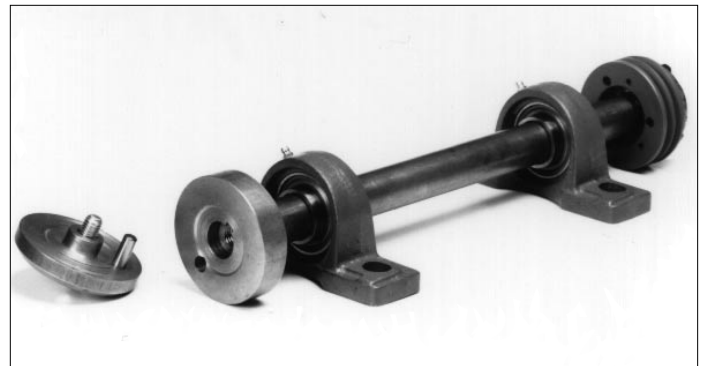
- ◆ Quick release blade collar eliminates costly replacement of arbors due to improper tightening of arbor nut.
- ◆ Engine mounting plate provides quick and easy tensioning of the arbor belts
- ◆ Weight distribution over the arbor helps keep the blade in the cut
- ◆ Rear axle leveling adjustment eliminates saw rock
- ◆ 1¼" arbor bearings are service rated at twice the life of 1" bearings
- ◆ Quick disconnect bushings allow sheaves to be easily removed



Mini Saw Blade Guard



Saw 1 Blade Guard



Arbor Assembly

## Mini 1 Models with 14" Blade Guard

	MCS-M8H	MCS-M13H
Engine	8HP Honda QXC recoil start	13HP Honda QXC recoil start
Weight	163 lb.	183 lb.

## Saw 1 Models with 18" Blade Guard

	MCS-13H	MCS-15K
Engine	13HP Honda QXC recoil start	15HP Kohler recoil start
Weight	288 lb.	288 lb.

## Saw 1 Available Option

Dual Arbor

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