

MT12 MICROTRENCHER

 **Ditch Witch**[®]



TRENCHERS

MT12 MICROTRENCHER

1 Optional, specially configured FX60 vacuum excavator efficiently handles spoils, saving time, money and manual labor.

2 Versatile MT12 is ideal for other roadway applications such as cutting expansion joints, sawing square sections of roadway before excavation and trimming new asphalt to make a clean shoulder.

3 MT12 saw can hydraulically traverse 24 inches (610 mm) from the center to trench next to curbs and gutters.

4 Mechanically adjustable trenching depth—from 6 inches (152 mm) to 12 inches (305 mm) in 1-inch increments.

7 MT12 can be manually tilted 6 degrees to the right or left to help maintain a true vertical trench on uneven surfaces.

6 Choice of four specially designed and manufactured saw blades that cleanly create a trench in one pass, reducing labor expense.

5 Narrow, shallow trench enables fiber installation above existing utilities, minimizing disruption of infrastructure and saving time and money.



Around the world, demand for faster residential and commercial broadband communication solutions is increasing. So, we developed a machine that can keep up with the demand: the [Ditch Witch® MT12 MicroTrencher](#), which provides the fastest, most efficient way to install high-speed fiber-optic cable underground. Slicing through asphalt and concrete with remarkable speed and precision, the MT12 is the high-tech solution to our increasingly high-tech world—and the most cost-effective solution for fiber-installation contractors.

WE'RE IN THIS TOGETHER.



MT12 MICROTRENCHER SPECIFICATIONS

MT12 ON RT45

U.S.

METRIC

DIMENSIONS, WITH 28 X 9 SOLID TIRES

Angle of departure	19°	
Attachment height, transport	68 in	1.73 m
Attachment weight (includes mount kit)	1,400 lb	636 kg
Approximate minimum sawing radius, min, offset to right*	35 ft	10.7 m
Trench depth, 1-in (25.4-mm) increments	6.5-12.5 in	165-318 mm
Trench width	0.75-1.5 in	19-38 mm
Overall width***	67 in	1.7 m
Working length, from CL of rear axle	81 in	2.06 m
Transport width	60.5 in	1.54 m
Transport length, from CL of rear axle	75 in	1.91 m
Blade diameter	34 in	864 mm
Blade speed, variable	0-160 rpm	
Saw offset distance	24 in	610 mm
Saw tilt adjustment	+/- 6°	
Saw motor displacement	40.55 in ³	664 mm ³
Number of cutting teeth on saw blade		
.75-in width	24	
.95-in width	32	
1.25-in width	32	
Cutting bit types**		
Rotating	Self-sharpening, full-cap conical bit w/pin retainer	
Fixed	Sharktooth carbide-tipped bits (0.75-in width only)	
CL saw to CL unit (offset, min)	5.3 in	135 mm

VIBRATIONAL LEVEL WHEN SAW IS OPERATING

During normal operation, vibration transmitted to the operator's:		
Hand/arm	18.5 ft/sec ²	5.6 m/sec ²
Feet/seat	2 ft/sec ²	0.62 m/sec ²

* Minimum sawing radius will depend on surface conditions and hardness of material being cut. Cut will be slightly wider in curved sections of the trench.

** See dealer for counterweight requirements.

*** Other widths available upon request.

MT12 ON RT55

U.S.

METRIC

DIMENSIONS, WITH 31 X 10 SOLID TIRES

Angle of departure	19°	
Attachment height, transport	68 in	1.73 m
Attachment weight (includes mount kit)	1,480 lb	673 kg
Approximate minimum sawing radius, min, offset to right*	35 ft	10.7 m
Trench depth, 1-in (25.4-mm) increments	6.5-12.5 in	165-318 mm
Trench width	0.75-1.5 in	19-38 mm
Overall width***	74 in	1.88 m
Working length, from CL of rear axle	84 in	2.13 m
Transport width	67.5 in	1.72 m
Transport length, from CL of rear axle	78 in	1.98 m
Blade diameter	34 in	864 mm
Blade speed, variable	0-175 rpm	
Saw offset distance	24 in	610 mm
Saw tilt adjustment	+/- 6°	
Saw motor displacement	40.55 in ³	664 mm ³
Number of cutting teeth on saw blade		
.75-in width	24	
.95-in width	32	
1.25-in width	32	
Cutting bit types**		
Rotating	Self-sharpening, full-cap conical bit w/pin retainer	
Fixed	Sharktooth carbide-tipped bits (0.75-in width only)	
CL saw to CL unit (offset, min)	7 in	178 mm

VIBRATIONAL LEVEL WHEN SAW IS OPERATING

During normal operation, vibration transmitted to the operator's:		
Hand/arm	17 ft/sec ²	5.2 m/sec ²
Feet/seat	1 ft/sec ²	0.32 m/sec ²

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.

