MT12 MICROTRENCHER

FEATURES & BENEFITS

SUPERIOR MANEUVERABILITY

The MT12 can be manually tilted 6 degrees to the right or left for trenching on uneven surfaces. Plus, its saw traverses 24 inches from the center to trench near curbs and gutters.

MAXIMUM EFFICIENCY

Three blades with conical bits can be replaced in the field with standard hand tools, extending blade life and reducing maintenance.

BOOSTED PRODUCTIVITY

Choice of four specialty saw blades cleanly create an asphalt trench in one pass, reducing your labor expense.

MINIMAL DISRUPTION

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

ADJUSTABLE DEPTH

Hydraulically adjustable trenching depth from 3 inches (76 mm) to 12 inches (305 mm) depending on blade.

HANDLE SPOILS

Optional, specially configured HX75 vacuum excavator efficiently handles spoils, saving time, money and manual labor.

MT12 MICROTRENCHER SPECIFICATIONS

MT12 ON RT45

DIMENSIONS	U.S.	METRIC
Angle of departure	19°	
Attachment height, transport	68 in	1.73 m
Attachment weight, includes mount kit	1,400 lb	636 kg
Approximate sawing radius, min, offset to right*	35 ft	10.7 m
Trench depth, 28-in blade	3-9 in	76-229 mm
Trench depth, 34-in blade	6-12 in	152-304 mm
Trench width	0.375-1.5 in	9.5-38 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	610mm
Saw tilt adjustment	+/- 6°	
Saw motor displacement	40.55 in^3	664 mm^3
Cutting bit types**		
Fiberblade, fixed	PDC Bits, 0.5-1.5 in (13-38 mm)	
Shark, fixed	Sharktooth carbide-tipped bits, 0.75-in (19 mm) only	
Concrete, fixed****	Diamond matrix cutters, 0.375-1.024 in (9.5-26 mm)	
Conical, rotating	Self-sharpening, full cap conical bit w/ pin retainer, 0.75-1.5 in (19.05-38 mm)	
CL saw to CL unit, offset, min	5.3 in	135 mm

VIBRATION LEVEL, SAW IN OPERATION

During normal operation, vibration transmitted to the operators:		
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.
****Requires high speed motor.

MT12 ON RT80

DIMENSIONS	U.S.	METRIC
Angle of departure	19°	
Attachment height, transport	68 in	1.73 m
Attachment weight, includes mount kit	1,480 lb	673 kg
Approximate sawing radius, min, offset to right*	35 ft	10.7 m
Trench depth, 28-in blade	3-9 in	76-229 mm
Trench depth, 34-in blade	6-12 in	152-304 mm
Trench width	0.375-1.5 in	9.5-38 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	610mm
Saw tilt adjustment	+/- 6°	
Saw motor displacement	40.55 in^3	664 mm^3
Cutting bit types**		
Fiberblade, fixed	PDC Bits, 0.5-1.5 in (13-38 mm)	
Shark, fixed	Sharktooth carbide-tipped bits, 0.75-in (19 mm) only	
Concrete, fixed****	Diamond matrix cutters, 0.375-1.024 in (9.5-26 mm)	
Conical, rotating	Self-sharpening, full cap conical bit w/ pin retainer, 0.75-1.5 in (19.05-38 mm)	
CL saw to CL unit, offset, min	7 in	178 mm

VIBRATION LEVEL, SAW IN OPERATION

During normal operation, vibration transmitted to the operators:		
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.