

Big or small, trenchers have wide range of landscape uses

■ If you've got trenching to do—whether it's to install irrigation pipes or just to slip lawn edging into place—suppliers to the green industry have the right tool for you. From "major league" trenchers to small, walk-behind units to vibrating pipe pullers, landscape managers can fit the equipment to the task.

For instance, Vermeer's V-3550 is a 45.5 hp riding tractor that can trench up to 12 inches wide, up to 60 inches deep. Also in the large category is Ditch Witch's Model 5110, a 50-hp multi-purpose underground construction machine that can trench and vibratory plow.

On the other end of the spectrum is the Kwik-Trench "Earth Saw," a walk-behind machine with a small disc blade that trenches up to two inches wide to a depth up to eight inches.

In between are various attachments to tractors or skid steer loaders you might already own. Some, like the Bradco Model 612, operate off PTOs. Others, like the Lowe Model 21 and the Yeager-Twose Big K 14, are hydraulically driven.

For more information on any of the equipment listed in the chart accompanying this article, circle the corresponding number on this month's Reader Service Card, and the manufacturers will contact you within weeks.

—Jerry Roche

The Du-AI 1250 comes with a 18-35 hp tractor attachment.



Ditch witch trenchers reach a maximum depth of up to 80 inches.



Lowe's Model 21 has a skid-steer attachment and 13-25 gpm hydraulic drive.



Vermeer's 45.5 hp Deutz-powered rider hydrostatic Lawn Plow is narrow for small entry.



TRENCHERS FOR THE GREEN INDUSTRY

SUPPLIER	MODEL	DIG WIDTH	DIG DEPTH	TYPE OF MACHINE
Bradco Circle No. 311	612	6", 8", 10", 12"	to 60"	20-30 hp tractor PTO attachment
	617	6", 8", 10", 12"	to 48"	skid steer attachment; 2-pos. side shaft
	630	6", 8", 10", 12"	to 60"	skid steer attachment; multi-pos. side shaft
	650	6", 8", 10", 12"	to 60"	skid steer attachment, hydraulic 22-36 gpm
Ditch Witch Circle No. 312	400sx	3.5"-12"	to 48"	40 hp diesel engine vibratory plow
	5110	6"-24"	to 80"	50 hp mechanical drive
	3500	6"-12"	to 63"	35 hp with hydraulic digging chain drive
Du-Al Circle No. 313	1250	4"-12"	to 54"	18-35 hp tractor attachment; worm gear drive
	1200	4"-12"	to 54"	compact tractor PTO attachment
Kwik Trench Circle No. 314	K-T200	2"	to 8"	V-belt disc blade drive
	K-T1200	2"-3"	to 10"	walk-behind unit
	K-T2400	2", 3", 4"	to 12"	walk-behind unit
Lowe Circle No. 315	21	6"-12"	36"-60"	skid steer attachment; 13-25 gpm hydraulic
Vermeer Circle No. 316	V-3550	5"-12"	38"-60"	45.5 hp Deutz-powered rider
	LM-40	4"-6"	to 42"	hydrostatic Lawn Plow, narrow for small entry
Yeager-Twose Circle No. 317	Big K 14	1.5" pipe	to 14"	hydraulic vibrating pipe puller mounts on Yeager-Twose TC Turf Conditioner

Source: LM phone/mail survey, May, 1994

Kwik Trench models include two walk-behind units.



Three of Bradco's trenchers have skid-steer attachments.

A hydraulic vibrating pipe puller mounts on the Yeager-Twose TC Turf Conditioner.



Trencher applications:

- ✓ irrigation installation
- ✓ landscape edging installation
- ✓ surface root pruning
- ✓ "invisible fence" installation
- ✓ drainage pipes
- ✓ electrical lines in conduit/nightlighting

Some trenching features and attachments available:

- drill pipe racks
- hydraulic leveling systems
- rubber track drives
- backreamers, wing and cone-compaction
- side shifts
- foot pedals with creep overrides
- backfill attachments
- spoil augers
- earth saws
- vibratory plows
- anti-back flex digging chains
- dual-position trench assemblies
- fertilizer, sand and polymer injection
- worm gear drives