

## TCT AG TRENCHER

Designed for use in the drainage of civil construction, agriculture and horticultural land.

- This is a PTO driven trencher.
- Driven via a reduction gearbox which allows an optimum digging speed.
- Designed for tractors with 50 – 100HP with hydrostatic transmission or creep gearbox trans-mission that does not exceed 0.3 kph or 0.12 miles/hr.

**DIGGING DEPTH** 1000mm standard boom.  
Extra Options: 800, 1200, 1400mm boom

**DIGGING WIDTH** 150mm standard.  
Extra Options: 200, 250, 300mm

**WEAR PARTS** Quality USA trenching parts, with tungsten carbide cutting teeth.

**SLIP CLUTCH** This protects tractor and trencher from undue shock.

**CRUMBER BAR** Grades trench as you go.

## TPL TRENCHER

A versatile easily attachable trencher built for compact tractors.

- Driven via a reduction gearbox and chain drive, giving optimum trenching speed

**PRIME MOVER** is a 30 – 40 HP tractor with hydrostatic transmission (automatic).

**DIGGING DEPTH** Up to 1200mm with various chain options.

**DIGGING WIDTH** From 100, 150, 200 mm wide trench with various chain options.

**WEAR PARTS** Easily replaced. Quality USA trenching parts, with tungsten carbide cutting teeth.

**SLIP CLUTCH** This protects the tractor and trencher from undue shock loading.

**SPOIL HANDLING** Auger places soil neatly to one side, to allow easy access to trench.

**CRUMBER BAR** Grades trench as you work.



TrenchIt is a family owned business that strives to deliver safe, high quality trenching attachments that represent value for money, improve productivity for our customers and exceed expectations.



**TrenchIt has been manufacturing specialist trenching machines for over 35 years for the New Zealand market and exports worldwide.**

**The TRENCHIT TCT PRO & TCT FAIRWAY trenchers have been designed specifically for the sports and turf industries drainage and irrigation projects.**

They are a chain trencher that provides a complete soil clear up system and a clean tidy trench. The soil is elevated up using the conveyor system and then deposited onto a running vehicle alongside the machine, thus ensuring clean up time is minimal. Driven via a reduction gearbox; this allows an optimum digging speed.

These models can also be easily converted into a conventional trencher, with the conveyor system being easily removed.

Also being a three-point linkage trencher they can be easily taken off to fit other implements.

**WEAR PARTS**

Quality USA trenching parts, with tungsten carbide cutting teeth.

**SLIP CLUTCH**

This protects tractor and trencher from undue shock.

**CRUMBER BAR** Grades trench as you go.

Operating from premises in Tauranga, New Zealand these machines have been built with an excellent reputation for reliability and economical use, with a minimum of maintenance.

We are proud of our machinery and are always looking at ways to improve our models with continuous improvements being part of the process of manufacture. All our machinery is designed and manufactured from our premises in New Zealand with over 35 years in the industry.

✓ **HEAVY DUTY**

✓ **LOW MAINTENANCE**

✓ **SOLID QUALITY**

✓ **BUILT TO LAST**



**TRENCH IT TCT PRO TRENCHER & CONVEYOR**

Designed for tractors with horsepower (HP) from 50 -100HP with hydrostatic transmission or creep gearbox transmission that does not exceed 0.3 kph or 0.12 miles/hr.

**DIGGING DEPTH** 1000mm standard boom, 800mm, 1200mm boom – Extra options available.

**DIGGING WIDTH** 100mm standard, 150, 200, 250, 300mm – Extra options available.



**TRENCH IT TCT FAIRWAY TRENCHER & CONVEYOR**

Designed for tractors with horse power (HP) from 40- 60 HP with hydrostatic transmission or creep gear-box transmission that does not exceed 0.3 kph or 0.12 miles/hr.

**DIGGING DEPTH** up to 1000mm

**DIGGING WIDTHS** 75, 100, 150, 200mm



**TRENCHIT RTS950 ROOTSAW ATTACHMENT**

Designed for rootsawing shelter belt trees on your farm or orchard.

- High torque rating.
- 3D carbide tungsten cutting teeth.
- Heavy duty gearbox.
- Backfill trench as you go.

**DIGGING DEPTHS AVAILABLE** up to 1 metre

**DIGGING WIDTHS AVAILABLE** 80 – 120mm

**WEAR PARTS** Quality USA trenching parts.

**PRIME MOVER 90+ HP** tractor with creep gear or Vireo transmission. Three point linkage with PTO 540 RPM output.

**CUTTING WHEEL** 12mm plate with carbide tungsten teeth.

**GEARING** The trencher is driven by PTO shaft via adjustable torque limiting safety clutch and reduction gearbox.



**TRENCHIT GLT GRADER BLADE**

2.00M | 2.4M

High precision Gooseneck type grader, giving maximum towing capacity while providing smooth level grade. Suitable for use in sports fields, large building sites, farm tracks, paddock leveling.

- Grader can be used manually direct from tractor with up and down function or Automatic 2D dual machine control laser system.
- Grader is designed for dual receivers.
- X4 trailing wheels for equalizing stability.
- Heavy duty construction.

**BLADE WIDTH** 2.00m or 2.4m

**OVERALL HEIGHT** 1350mm

**BLADE HEIGHT** 800mm

**WEIGHT** 850—900kgs

The TRENCHIT TWT 400 & TWT 550 Trenchers are a tractor mounted disc trencher with a conveyor attachment designed to fit onto a three-point linkage tractor. The TWT 400 & TWT 550 Trenchers have been designed with the turf industry in mind, providing a fast, reliable clean and tidy trench. Also suitable for fibre network projects.

#### TRANSMISSION

The trenching unit is driven by PTO shaft via adjustable torque limiting safety clutch and reduction gearbox.

#### CONVEYOR SYSTEM

The digging wheel is completely enclosed above the ground and the soil is directed onto a conveyor, elevating it onto a small truck or trailer running alongside the trencher.

#### CONVENTIONAL TRENCHER

The conveyor unit can be easily removed, allowing the TWT to become a conventional trencher.



#### TWT 550 TRENCHER WITH CONVEYOR

PRIME MOVER 90+ HP tractor with creep gear or Vireo transmission. Three point linkage with PTO 540 RPM output.

**DIGGING DEPTH** 200 – 550mm

**DIGGING WIDTH** 60, 75, 120, 150mm

**CUTTING WHEEL** 16mm plate with carbide tungsten teeth.

**DOUBLE CONVEYOR SYSTEM**



#### TWT 400 TRENCHER WITH CONVEYOR

PRIME MOVER 45 – 90 HP tractor with hydrostatic or a very slow speed creep gear box. Three point linkage PTO output 540 rpm.

**TRENCH DEPTH** 250, 300, 350, 400mm

**TRENCH WIDTH** 50 – 100mm

**CUTTING WHEEL** is a 800° digging disc made from high grade steel with carbide tungsten teeth.



#### TRENCH IT SGH HOPPER ATTACHMENT

The TRENCHIT SGH sand gravel hopper is designed for trenches from 50 – 300 mm width.

- Hydraulic chute for operation.
- Replaceable chute sizes for different trench widths.
- 1 cubic meter capacity.
- Hopper mounts onto 3 Point Linkage of the tractor.
- Hydraulic agitator for fast flow of sand.
- Bolt on sand placement undercarriage with compaction wheel.

