

Trencher (900 mm)

Vermeer RTX 250



A large self propelled petrol powered hydraulic track driven trencher. Designed to efficiently dig clean trenches with ease. Most commonly used when laying long runs of irrigation, stormwater, sewer pipes and electrical conduit.

Safety Notices

- ☐ Emergency stop controls identified.
- ☐ Operation and safety manual location identified. Please read and fully comply with instructions.
- ☐ Avoid traversing steep slopes as this unit is top heavy. Roll over can occur.
- ☐ If the unit rolls, turn off the engine and call Stirling Hire immediately.
- ☐ Maximum engine tilt is 25°. Do not start or operate the trencher at a greater angle.

The unit may not work correctly on surfaces that cannot provide traction, e.g. wet ground or slate. Please discuss this with Stirling Hire as no refunds are available if you select the wrong machine.

Acknowledgement

This operating and safety brochure is intended as a guide only for the safe operation of this equipment. It does not override licence requirements nor is it a substitute for a structured operating lesson. If you are unsure about any aspect of the equipment or its capabilities or if you are in doubt as to its proper usage, feel free to consult our trained employees for instruction or the answers to any questions you may have regarding the safe operation of this equipment.

By signing this document I acknowledge I have been advised of the above instructions and warnings for the above equipment which I understand.

Hirer:

Witness:

Signature:

Signature:

Date:

Date:

Site Preparation & Considerations



1.	This trencher will not trench through roots or rock. The unit will bounce or shudder badly if it encounters either.	
2.	Note which side you wish the spoils to be placed as the auger spills to one side.	
3.	Avoid tight curves as this will put undue pressure on the boom. Damage will occur.	
4.	If tight curves are needed then you may need to facet the trench.	
5.	Avoid traversing steep slopes as this unit is top heavy. Roll over can occur.	
6.	If parking on a slope use the park brake, don't drive with brake on. damage will occur.	
7.	Be aware that the start of the trench will always have a ramp effect due to the arc of the boom.	

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Starting The Unit ✓

1.	Ensure all levers including handle bars are in neutral, don't depress the red lever. (the unit will not start)	
2.	Set throttle to medium range, turn key to start position, release when engine starts.	
3.	Do not crank engine continuously for more than 10secs. Damage will occur.	
4.	Do not operate engine under load until engine has warmed up.	

Operating The Trencher ✓

1.	Always trench in reverse. Never plunge forward to trench as this will destroy the nose bearing.	
2.	Lower the boom whilst the chain is running. Allow the chain to do the digging.	
3.	Once depth is reached drive slowly backwards allowing the trencher to cut about 1m of trench.	
4.	Once you have trenched about a metre stop the chain and lift the boom out of the trench.	
5.	Lower the crumber bar (don't lose the clip). The bar will now be able to float and scrape.	
6.	On completion please hose out dirt from only the chain and the tracks. Do not hose down the engine.	

Trenching Curves (Facetting) ✓

1.	Lift the boom.	
2.	Alter the angle to a proportion of the final curve.	
3.	Dig that portion of the curve. Repeat from step 1.	
4.	When doing slight curves allow enough time for the chain to do the cutting and don't force it.	

Transporting The Trencher ✓

1.	Check that the trailer is connected properly to the towing vehicle with safety chains and with pin in place.	
2.	Position the towing vehicle and trailer on level ground to reduce the angle between the trailer and ramp.	
3.	Set throttle at half speed, raise the boom and drive machine squarely onto trailer. Slow and steady.	
4.	Stop when tie down position is reached. this will distribute weight on the trailer correctly.	
5.	Fasten machine to the trailer using two rear & two front tie down points. use all four turnbuckles.	
6.	To unload; remove turnbuckles from machine tie points and reverse the above procedure.	
7.	Unit must be refuelled on return with unleaded fuel. If unfueled, you will be charged for the fuel used at the current market rate.	