



WWW.CABLEJOINTS.CO.UK  
**THORNE & DERRICK UK**  
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**FW3000 3T LINE PULL**  
**CABLE HAULING WINCH**



**TECHNICAL DESCRIPTION of FW3000 3T LINE PULL SEB TRAILER WINCH**

- Basic Frame:** Manufactured from high quality steel with relevant points welded in holding the trailer down while in operation, lifting hooks are also strategically positioned to enable you to safely offload the winch from transportation.
- Drive Engine:** Twin Cylinder Lombardini Diesel Engine, which is air-cooled and key start in operation. The engine is rated at 13Kw at 3600rpm. The unit is also fitted with a mechanical fuel lift pump, torque regulator and produces 55Nm of torque at 2100 and with a 7 Litre fuel capacity tank, this unit is perfect for your requirements and that of the FW3000
- Drive System:** The main drive comes from a single capstan operation providing power payin, the wire rope simply needs to be wrapped around the capstan 3 times to ensure that no slippage occurs and that all the tensions goes through the capstan rather than travelling onto the storage drum and potentially causing damage to the wire rope on the drum.



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**Relief Setting:**

The unit as standard is fitted with a relief valve system which allows you to manually set the maximum line pull that the cable is allowed to see, if the line pull reaches that tonnage then the hydraulics will stop applying pressure to the motors and the winch will stop pulling, thus protecting the integrity of the cable.

**Winch Performance:Line Pull Speed**

0.5 Tonne	@ 30mtrs/min
1.5 Tonne	@ 22mtrs/min
3.0 Tonne	@ 7/mtr/min

**OPERATIONAL AND AFTER-SALES SUPPORT FOR FW3000 3T CABLE WINCH**

The FW3000 is an extremely robust piece of engineered plant, designed specifically to cope with light/medium cable pulls, which are still the main stay in today's economic environment. The Winch is designed to be simplistic in operation, and thus you will find the winch is also straightforward to maintain and service. The result is a product, which is cost effective, will provide many years of service, is easy to operate and simplistic to maintain, the FW3000 will be an excellent addition to your plant fleet.

Please note that although the winch has a line pull of 3t, this is rated at the winch itself and therefore due to friction reductions, this winch will pull cable from a drum weighing up to 10t. This is dependant on the site conditions and cable route.

All SEB International equipment is designed with the operator in mind, indeed the unit is supplied on a single axle road-going trailer with parking brakes, jockey wheel, prop stands, struts and road going lighting system. The units are all cosmetically finished to a high standard, and are primed and then finish painted in high gloss, our standard colour is Golden Yellow, and however your corporate colours are available on request.

As the units are built to be simplistic in every way, the ability to look after their health can be done at a local level, all items are easily accessible and as we export the equipment to all parts of the world, reputable global manufacturers supply most of the equipment we use. If however you do not have a local supplier, SEB carries stock of every item, and therefore if during the course of the life of the equipment the unit does suffer a failure, parts can be on-site in approximately 2-3 days.



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**OPTIONAL EXTRAS FOR USE WITH THE FW3000 3T CABLE WINCH**

**PVC – Roll-Up Canopy**

The option for the PVC Canopy unit is a cost effective way of ensuring the winch unit is covered, the canopy supplied is a heavy-duty PVC, which is designed to be rolled-up during operation and then simply let down for transportation, it is safely secured into place by the catches on the frame of the winch.

**Other Items you may likely require for the Cable Pull**

Cable Stockings from 6mm up to 130mm available from stock

Swivel Links to work between the winch rope and cable

Cable Drum Trailers up to 48000Kg in capacity

Hydraulic Jacks up to 40000Kg in capacity

Straight Line Cable Rollers

Corner Cable Rollers

This is just a small list of the items you will require; please request a brochure to enable you to view the full range of SEB International Ltd products.