THE SRS WIRING UNIT

- Safe
- Fast
- Proven
- Highly trained operators

The basic vehicle

The basic tool is a single 26 tonne SRS road rail vehicle fitted with two hydraulically operated cable drum carriers, together with wire manipulating rollers both fore and aft.

The drum carriers are designed to dispense wire at 75% full tension. They can push wire out and reel it in.

The manipulating rollers capture the wire and move both laterally and vertically. Horizontal rollers within each roller assembly allow two wires to be dispensed simultaneously, one above the other.

Cable Drum Data

Total weight of drum rack	1500kg
Weight of centre axle	45kg
Centre axle diameter	60mm
Maximum brake/feed force	9000 N
Speed at maximum brake/feed force	(3.1mph) 5 kph
Maximum cable drum diameter	2100mm
Maximum cable drum width	920mm
Maximum cable drum weight	4500kg

Different Tasks

Separate sheets cover recommended SRS solutions for different wiring tasks.

We are proud of the experience expertise and experience within SRS. Not only have our linesmen and MEWP operators installed OLE all over the UK, but worldwide, from the Saudi Arabian dessert to within the Arctic Circle.

We are always pleased to advise.

SRS RAIL SYSTEM LTD | UNIT 3 | RIVERSIDE WAY | GATEWAY BUSINESS PARK BOLSOVER | CHESTERFIELD | S44 6GA

For more information about how we can help you;
CALL: 08700 509253
EMAIL: INFO@SRSRAILUK.CO.UK
VISIT: WWW.SRSRAILUK.COM

SRS INTERNATIONAL
SRS RAIL SYSTEM LIMITED

WIRING: WHY SRS

- Safe
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Advantages offered by the SRS wiring unit

Kinks and deformation
Both catenary and contact wires are normally run at 75% full tension. This greatly reduces the risk of kinks and wire deformation. Similarly wire run at 75% full tension is unlikely to roll over. Thus the task of chasing and flushing out twists is eliminated. A single run through to check the groove is usually sufficient.

Sag
Running at near to full tension minimises sag between rollers and temporary tie wires, again reducing the risk of kinks and protecting the wire from the damage or contamination which may occur if it touches the ground.

Flaking
The resistance of the hydraulic drum is variable making it easy to flake, particularly at the start of a new run.

Pushing wire out
The drum can also 'pump' wire out so that wire may be run in the more traditional fashion without having to pull or tow it out.

Recoiling old OLE
The machine can also recoil the old wire onto a second empty drum, eliminating the need for trailers and dedicated ground staff to recover wire and the potential for valuable scrap metal to be inadvertently left on site.

Correct positioning
Hydraulically controlled guide rollers may be manipulated both vertically and horizontally to ensure that the wire is run out as close to the required route as possible.

Safety
The guide rollers completely encompass the wire so that it cannot jump free, important for the safety of following linesmen.

Retrieval of old equipment
The gap between guide rollers may be set to encompass a single wire or greatly enlarged to allow the retrieval of old contact wire together with catenary and droppers.

Speed
Properly prepared it is possible to run wire at 5 kilometres per hour. Speed is usually limited by the rate at which linesmen can work.

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