Cable Spooling Unit

The Wireline Spooling System is specifically designed for the spooling of wireline cables and can be used within wireline company workshops.

Cable can be spooled both on and off most wire drum sizes, ranging from monocable to heptacable, or supplier transport drums. The winch drive system is hydraulic with power provided from a separate electro-hydraulic power pack. Proprietary software allows automatic spooling tension control to an operator pre-set value.

Performance Characteristics
- 8,000lbs maximum line pull
- Minimum 18,000ft/hr at 3,000lbs tension

Electro Hydraulic Power Pack L-690699
- Skid mounted
- 55 Kw electric motor
- 440/380V 50/60Hz 3 phase power supply and 220V 50/60Hz 1 phase power supply
- Two independent closed loop hydraulic circuits for winch drive and single open loop circuit for auxiliary functions
- Designed for ambient temperatures up to 50°C
- Enclosed duct for interface between powerpack and winch skid
- Emergency stop

Control Panel
- Raised platform for improved operator view
- Single console for all winch controls, rail mounted for positioning across width of operator platform
- Steering system for spooling arms
- Digital displays for operator set tension, measured wire tension and hydraulic motor speeds
- Tension adjustment for operator set spooling tension
- Emergency Stop
- Winch controls selectable between auto tension or manual control

Features & Benefits
- Suitable for a wide range of winch and transport drum sizes with fully adjustable drum supports and drive sprocket positions. Choice of drive sprockets (drum sizes to be specified)
- Individual bases for each winch drum allowing positioning on site relative to the sheave (deadman)
- Handwheel screw adjustment for chain tensioning with no winch drum band brakes allowing fast drum changeover
- Walkway behind winch drums with safety guardrail for operator access during initial wire set-up
- Independent hydraulic drive and brake system for each winch drum
- Automatic tension control system using feedback from a load pin mounted at the deadman to maintain operator set tension
- Either winch may be used as the ‘pulling’ winch, with the ability to stop and reverse direction while maintaining tension
- Fully CE marked for use in Europe
- Remote Emergency Stop

Options
- Spooler Mounted Depth Counter: Measuring both depth (distance) and line speed. Panel mounted digital displays. Counter input suitable for interfacing with clients system
- Depth and speed displays mounted on console
- Lightweight GRP cabin
- Depth, speed and tension PC-based recording system
- Auto-wire spooler
- Radio Control
- Drip Trays

Dimensions (operational)

<table>
<thead>
<tr>
<th>PART NUMBER L-690698:</th>
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<tbody>
<tr>
<td>Winch Base (each):</td>
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<tr>
<td>(L) 2.61 m, 8.56 ft (W) 2.06 m, 6.75 ft (H) 2.70m, 8.85 ft</td>
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<tr>
<td>Operator’s Platform:</td>
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<tr>
<td>(L) 2.16 m, 7.08 ft (W) 4.18 m, 13.71 ft (H) 2.70 m, 8.85 ft</td>
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<td>Power Pack L-690699:</td>
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<tr>
<td>(L) 2.02 m, 6.62 ft (W) 1.47 m, 4.82 ft (H) 1.50 m, 4.92 ft</td>
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