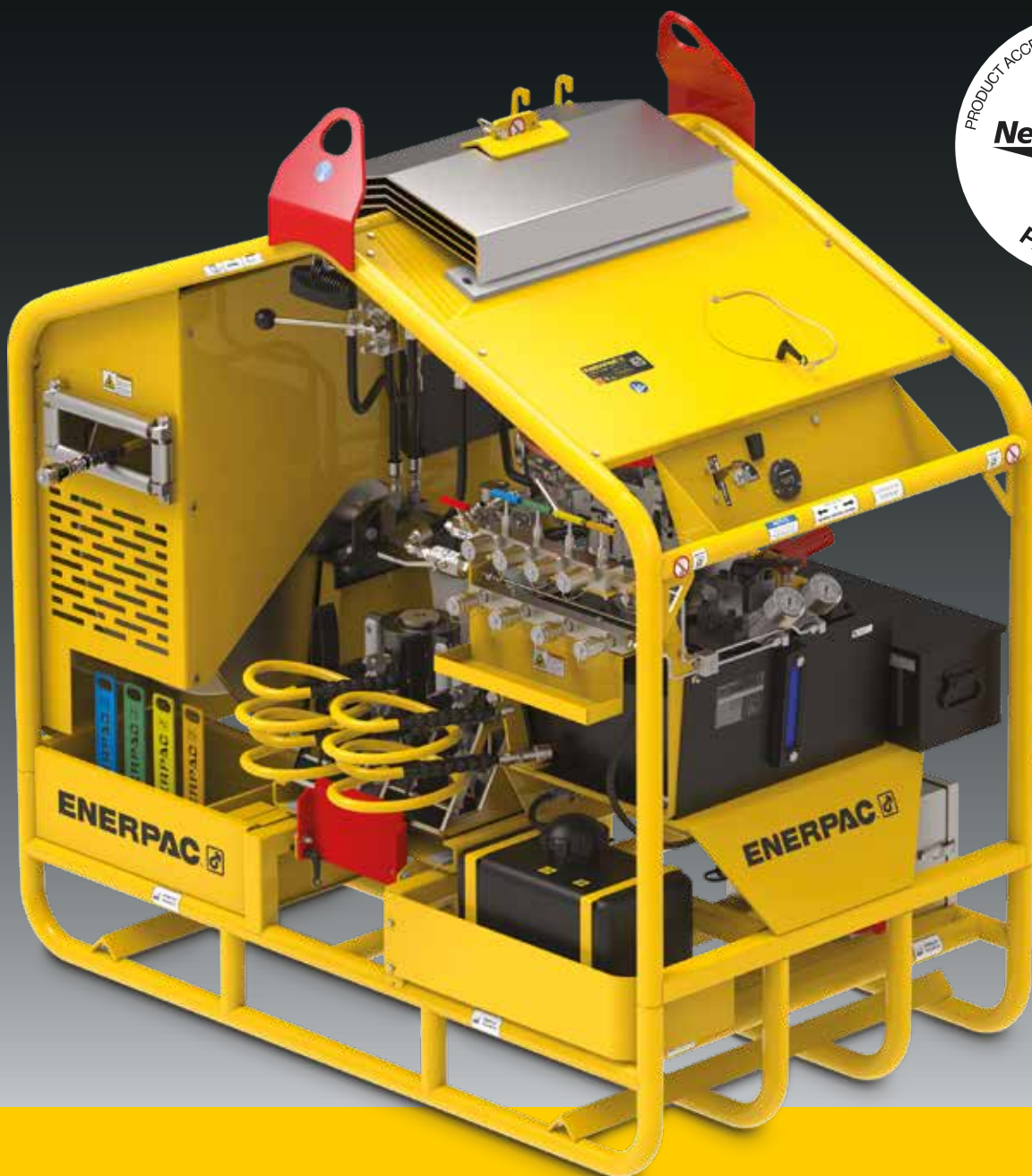


# TL248

# TRACK LIFT SYSTEM

REVOLUTIONISES COMPLEX TRACK LIFTS



**ENERPAC** 

# TL248, Hydraulic Track Lift System

**ENERPAC** 

## ▼ TL248, Hydraulic Track Lift System



- The Enerpac TL248 has full approval for use on Network Rail Managed Infrastructure.

### **Revolutionizes complex track lifts**

- Groundbreaking system transforms lifts of points, switches, crossings (S&C) and bridge ends in place.
- Features elements engineered to ramp up productivity, precision, and safety.

### **Cuts time, shortens track possessions, lowers costs**

- Multi-point lifting system dramatically compresses project times using less labour and shorter excavation times than traditional methods.
- Rail industry feedback indicates you can expect a return on your investment after just 10 - 20 lifts.

### **Powerful hydraulic technology delivers precision control**

- Unique system lifts, holds, and lowers loads up to 248 tonnes (2200 kN) with supreme precision and control
- Includes four cylinder jacks with load distribution shoes and integrated handle working to 3,2 mm accuracy.

### **Accessible and easy to transport – goes where cranes cannot**

- Lifts tracks from below, preventing crane truck and side boom problems.
- The complete unit fits easily into the bed of an utility vehicle and lifts securely using dual fork pockets or lift hooks.

### **Intuitive operator controls – highly visible and safe**

- Master multiple lift points easily from a central point using colour-coded valves matched to hydraulic lines.
- Redundant systems including manual needle valves and pilot operated check valves help ensure safe operation and prevent cylinder jack drift.
- Self-contained power unit with electric start engine and pull start backup.
- Work safely with maximum visibility in low lighting, thanks to the integral LED lighting and the safety yellow paint finish.

## RAISING TRACKS. LIFTING PRODUCTIVITY.



### **Applications**

Use the Enerpac TL248 to raise points, switches, crossings (S&C) and bridge ends in place. This unique track lift system allows work to be completed more efficiently and with greater precision than traditional methods - even in limited access areas.



### **Additional Safety Features**

TL248 includes also:

- Reservoir protection plate to prevent damage or leakage caused by forklifts
- Integrated hand pump as back-up
- Crank for emergency operation of hose reel if hydraulics fail.

▼ Well suited for environments with limited work space or overhead clearance restrictions, the TL248 eliminates crane truck and side boom crane problems.



▼ The TL248 Track Lift System includes four cylinder jacks with load distribution shoes and integrated handle, each rated for 62 tonnes (550 kN), offering a total lifting capacity of 248 tonnes (2200 kN).



# Hydraulic Track Lift System



## Hydraulic Track Lift System

The TL248 is a portable and self-contained power unit designed for easy transport to remote locations.

This innovative and hydraulic lifting device is specifically engineered to raise track from below, allowing work to be completed more efficiently and with greater precision and safety than traditional methods.

When the track is placed back down on the ballast, the TL248 System allows production crews or maintenance-of-way (MoW) equipment such as tamping machines to traverse the rail – ultimately resulting in shorter track possessions and time and money saved.

The system was developed in conjunction with the continuous industry feedback for operations, safety, and support materials.

## TL248



**Cylinder Jack Capacity:**  
**4 x 62 tonnes**

**Cylinder Jack Stroke:**  
**150 mm**

**Reservoir Oil Capacity:**  
**40 litres**

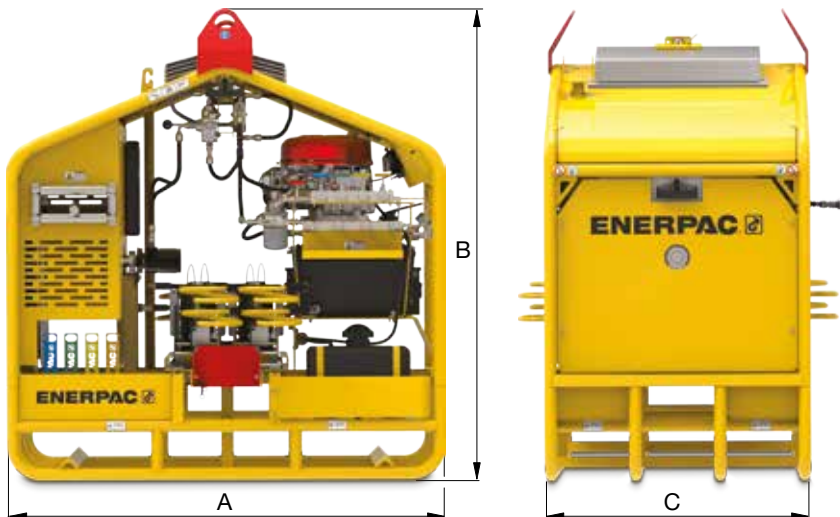
**Petrol Engine Size:**  
**7,5 kW**

**Maximum Operating Pressure:**  
**700 bar**



### H700-Series Hydraulic Hoses Included

The TL248 includes 9 hydraulic hoses of 15 metres length.



### ▼ DIMENSIONS

| Model Number | Dimensions (mm) |      |     | Weight (kg) |
|--------------|-----------------|------|-----|-------------|
|              | A               | B    | C   |             |
| TL248        | 1610            | 1730 | 955 | 753         |

### ▼ PUMP SPECIFICATIONS

| Briggs & Stratton Petrol Motor Size (kW) | Useable Oil Capacity (litres) | Maximum Hydraulic Pressure (bar) | Output Flow Rate (l/min) | Useable Petrol Capacity (litres) |
|------------------------------------------|-------------------------------|----------------------------------|--------------------------|----------------------------------|
| 7,5                                      | 40                            | 700                              | 3,3                      | 19                               |

### ▼ CYLINDER JACKS & HOUSING SPECIFICATIONS

| Cylinder Capacity at max. 700 bar tonnes (kN) | Cylinder Stroke (mm) | Cylinder Collapsed Height (mm) | Cylinder Extended Height (mm) | Housing Length (mm) | Housing Width (mm) |
|-----------------------------------------------|----------------------|--------------------------------|-------------------------------|---------------------|--------------------|
| 62 (550)                                      | 150                  | 312                            | 462                           | 369                 | 197                |

▼ The TL248 Track Lift System includes four Ballast Shields to protect the lifting cylinder jacks.





# THE RIGHT TOOL MAKES ALL THE DIFFERENCE

As the world leader in industrial tools and services, Enerpac has earned the trust of rail owners, operators, and contractors worldwide. Offering elite professionals on-demand access to the safest, most technically advanced solutions on the planet, so they can confidently tackle the toughest jobs in the most demanding situations anywhere in the world. Backed by our global legacy of ultra-reliable quality and superior precision, Enerpac industrial tools ensure our customers operate safely and productively, every day, every year, year after year.

ELITE TOOLS. FOR ELITE PROFESSIONALS.



Hydraulic Rail Stressor,  
RP70A



Hydraulic Rail Puller,  
RP120BP



Hydraulic Track Jacks,  
TL-Series



Mechanical Track Jacks,  
A-Series



Portable Track Load Fixture,  
PTLF-Series



Rail Puller Pump,  
ZC-Series



Cordless Hydraulic Pumps,  
ZC3-Series



Cordless Hydraulic Pumps,  
XC2, SC-Series



Battery Torque Wrenches,  
BTW-Series



Hydraulic Nut Splitters,  
NC-Series



POW'R-RISER® Lifting Jacks,  
PR-Series



Wheeled MRO Toolbox Sets,  
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