

An offshore oil rig is shown at sea under a clear blue sky. The rig features a prominent derrick with the word 'DRILLCO' on it, and several cranes. The rig is supported by yellow cylindrical legs. The text 'Weight saving solutions' is overlaid in large white font across the center of the image.

Weight saving solutions

High performance ladder (HPL) series
for weight sensitive environments

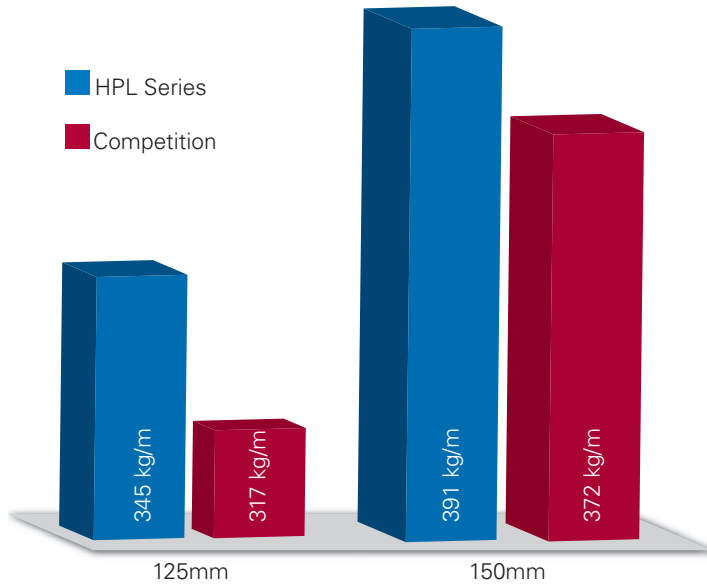


Powering Business Worldwide

High Performance Ladder (HPL)

Save tons of weight & make your next

HPL Series load capacity

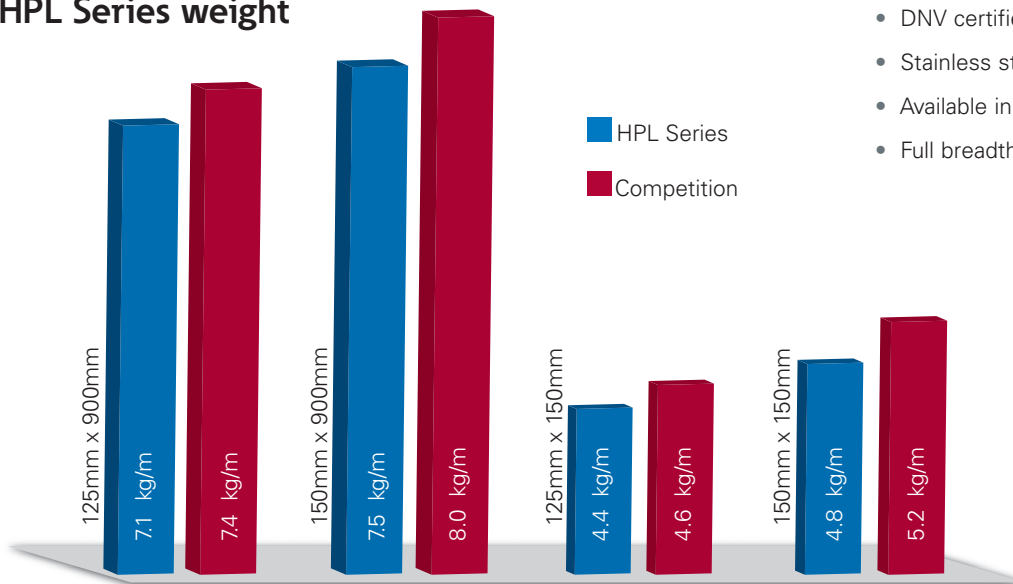


The High Performance Ladder (HPL) Series is a patent-pending high performance cable ladder that reduces weight while increasing load capacity. Designed to literally save tons in overall weight on offshore and modular construction applications, the HPL cable ladder offers a unique combination of low weight and high strength. The high strength to weight ratio allows for increased load capacities and helps keep weight budgets in balance.

- Average 5% lighter than competitive published weights
- Increased strength vs. competitive published loads
- Slotted side rail and rung reduces material and eases installation
- I-Beam side rail design
- ABS Design Assessed
- DNV certified load tests
- Stainless steel 316 material
- Available in 125mm and 150mm heights
- Full breadth of fittings and accessories



HPL Series weight



Learn More

- **Video** – Three minute video shows how the HPL Series can save 20 tons on a typical offshore project
- **Calculator** – Determine the HPL Series weight saving advantage versus competitive ladder systems
- **Technical Support** – Global engineering support for technical seminars and design assistance
- **Web** - www.cooperblineline.com/HPL

Select

- **Catalog** – Order a free copy and obtain comprehensive product information for selection and design, includes loading information and accessories
- **eCatalog** – Full version online catalog available for download
- **Submittals/Cut Sheets** – Dimensional drawings for layout and bill of material verification

Series Cable Ladder

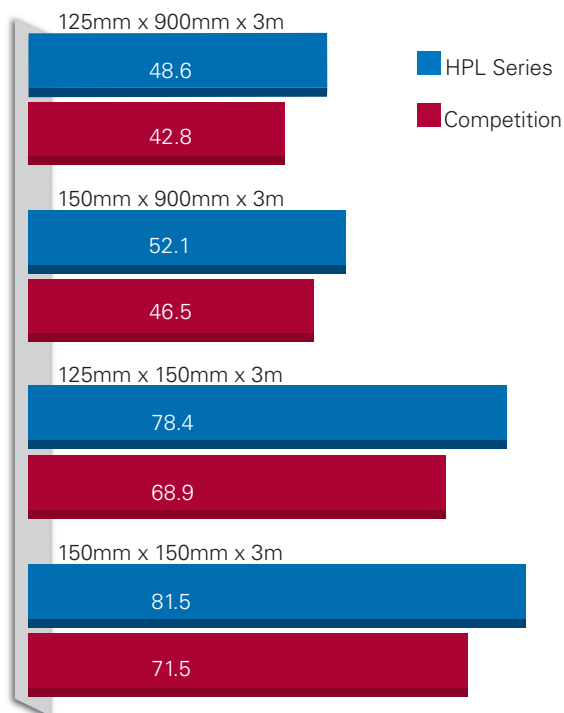
offshore project more productive

Designed to maximize strength to weight ratio, the HPL cable ladder is engineered to ensure strength is maintained while reducing overall weight. In fact, due to its patent-pending design, HPL outperforms the competitions' strength to weight ratio by up to 15 percent (15%).

To determine the strength to weight ratio, simply divide the cable ladders load capacity (kg/m) by the cable ladders weight (kg/m). The result is the ladders strength to weight ratio.

For optimum application design, select and specify cable ladder by its associated strength to weight ratio in addition to its load rating.

HPL Series strength to weight ratio



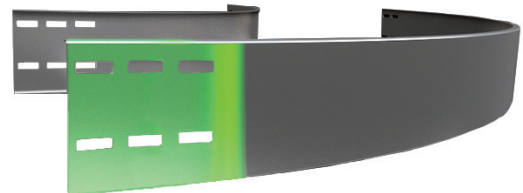
HPL Series design

Straights



- **I-Beam** – Maximizes efficiency of 316 stainless steel material and carries 2.3 times more load than C-Shape
- **Clamping** – Inside clamping saves space, multiple options available for flexibility
- **Flange** – Inside bottom flange provides positive support for rungs
- **Slots** – Slotted siderail design reduces weight and eliminates drilling for splice connections
- **Rungs** – C-Shape rungs maximize cable contact surface area, slotted to ease cable and accessory attachment
- **Weld** – Weld bead locks rung in place and increases surface area for improved strength

Fittings



- **Tangent** – Standard 100mm tangent creates flat surface area for full splice engagement
- **Loads** – Designed to meet or exceed straight section load capacities
- **Radius** – Smooth formed radius from 300mm up to 1200mm to match minimum cable bend requirements
- **Breadth** – Full breadth of horizontal and vertical bends, tees, and crosses

Design

- **PDMS** – AVEVA™ PDMS models for detailed design. Download and install the complete database for the entire HPL Series product breadth
- **CoSPEC** – Library of 90+ formats of 2D and 3D CAD and BIM models
- **Weights** – Complete table of product weights for all straights, fittings, and covers

Choose Eaton's B-Line series cable ladder

- **Manufacturing** – Global supply from nine manufacturing facilities in the United States, Korea, Malaysia, Saudi Arabia and Canada
- **Solutions** – Cable ladder, cable tray and Flextray wire basket available in aluminum, fiberglass, steel and stainless steel
- **Experience** – Over 50 years of global oil and gas experience in offshore and downstream projects

For more information, visit
www.eaton.com/wss

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