



pewag levo load balancer & compensator

driven by hydraulics



pewag levo balancer & compensator

Hydraulic driven, built for precision

The levo load balancer and compensator deliver smooth, pinpoint load control, outperforming electric equivalents.

Efficient yet powerful, the levo has accurate valve control, and the strength required to manage heavy imbalances. Hydraulics reduce energy use and maintain full performance where electric motors falter.

Benefits

- Reduced manual handling – multi-directional movement without needing to stop and reposition
- Low maintenance and reduced energy use – hydraulic motor
- Keeps personnel out of danger – operate safely from up to 100 m
- Flexible load turning – 5t option includes belt attachment
- Lower labour costs – fewer personnel required
- Durable construction – no plastic parts

Key Features

- Operated by remote control
- Floodlights for enhanced visibility
- Free-release function on load balancer
- Chain or synthetic sling options
- Supplied in wooden carry case
- Spare parts available globally
- Technical Specification

Technical Specification

- Operation temperature: -20°C to +60°C
- Battery life: Approx 10h
- Protection class: IP65



pewag levo balancer and compensator

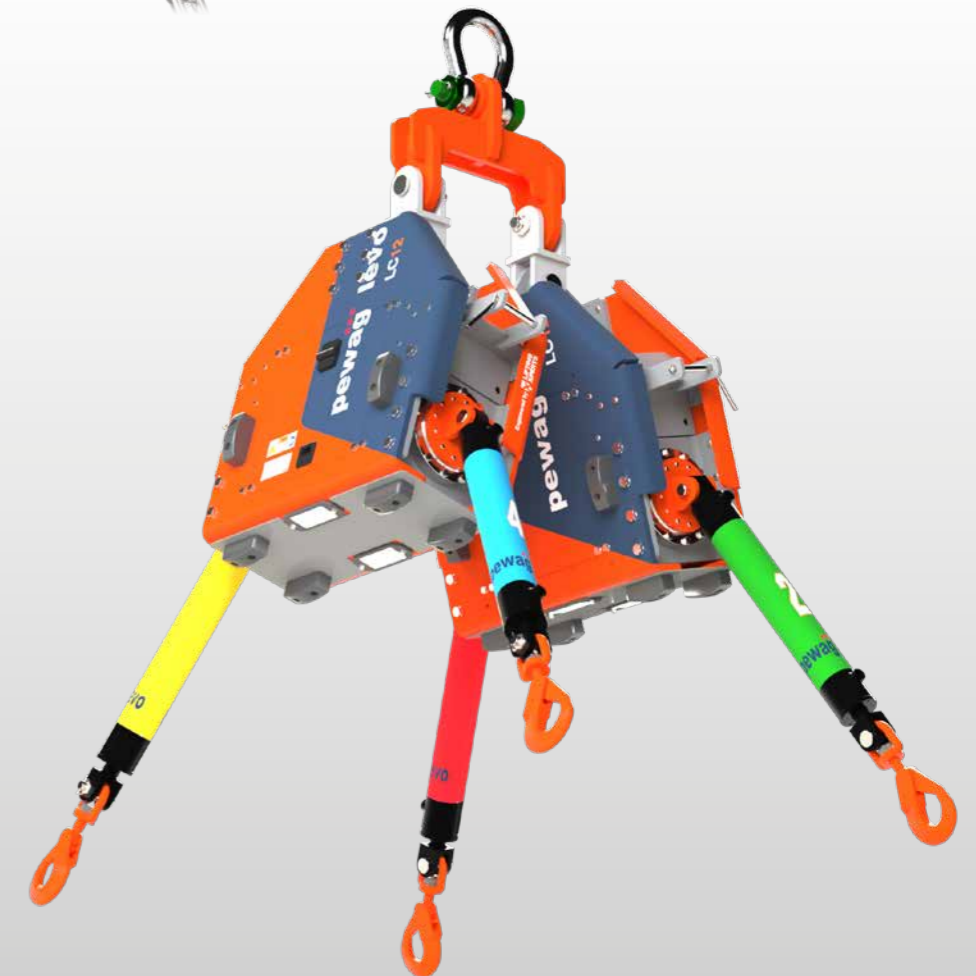


Certified and compliant
Fully CE and UKCA compliant,
with a 3.1 certificate available.



Manufactured in Europe
Precision engineered and
manufactured in Europe.

pewag levo balancer & compensator



pewag levo balancer features

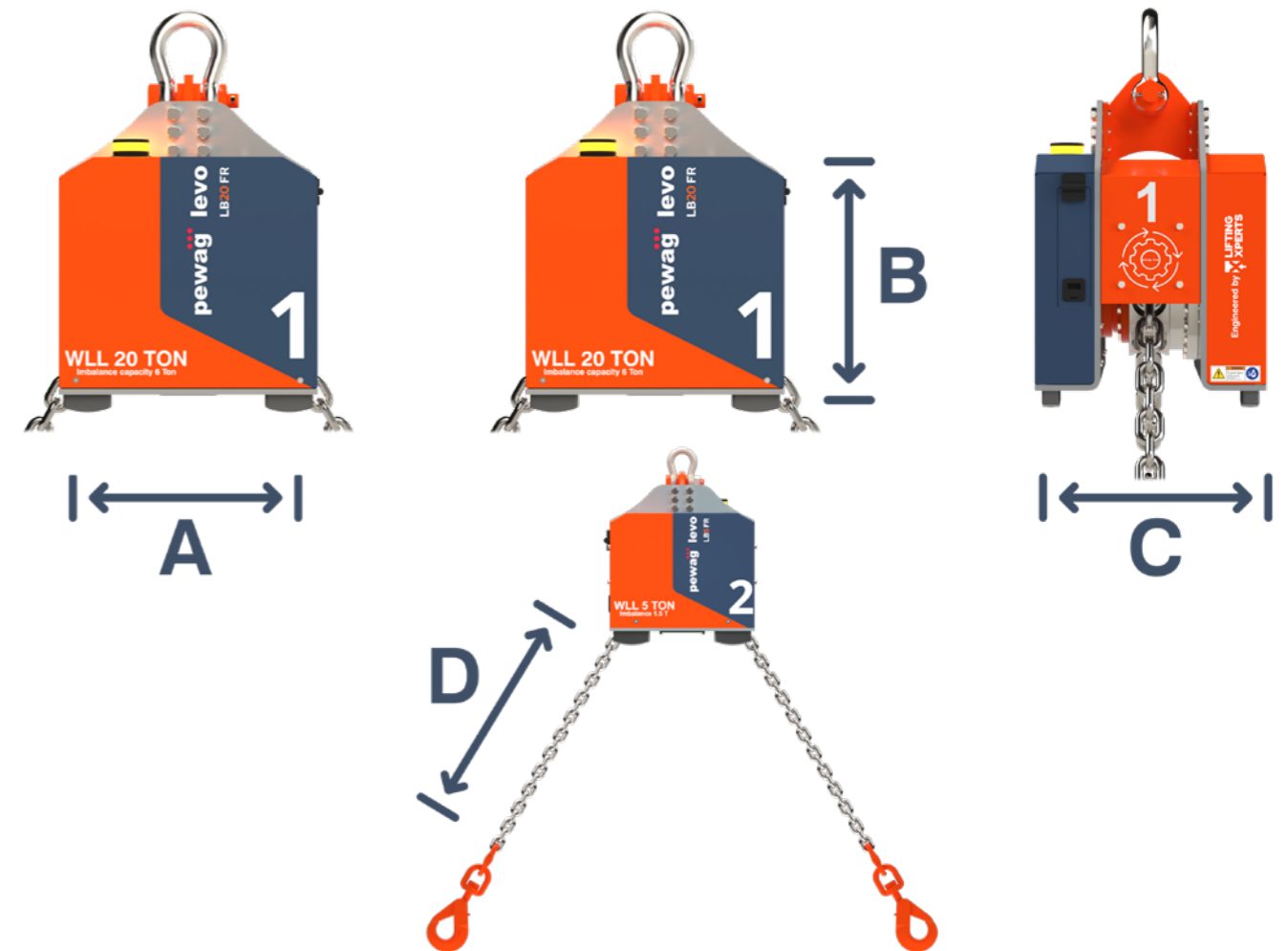
The pewag levo balancer provides full 360° tilting and rotation for safer load handling. Available with a free release function (FR). Standard variants come with a chain sling and and -B variants include a synthetic sling



| Feature | pewag levo balancer LB5FR | pewag levo balancer LB5-FRB | pewag levo balancer LB20 | pewag levo balancer LB20-B | pewag levo balancer LB20FR | pewag levo balancer LB20FR-B | pewag levo balancer LB50FR | pewag levo balancer LB50FR-B |
|---|---------------------------|-----------------------------|--------------------------|----------------------------|----------------------------|------------------------------|----------------------------|------------------------------|
| G8 chain sling (6m standard length) | ✓ | | ✓ | | ✓ | | ✓ | |
| Synthetic sling (6m standard length) | | ✓ | | ✓ | | ✓ | | ✓ |
| 12V or 24V battery with built-in charger | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Remote control | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Integrated flood lights 2 x 12V | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Galvanised finish and RAL powder coating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Free release function for use as a snatch block | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| IP55 wooden carry case | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Additional battery* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Alternative chain length* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rain cover* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

*Available as an optional extra

pewag levo balancer technical specification



| Code | Tonnage [t] | Imbalance capacity | Free release | Weight [kg] | Lifting eye |
|----------|-------------|--------------------|--------------|-------------|--------------|
| LB5FR | 5 | 1500 kg | Yes | 190 | Shackle 6.5T |
| LB5FR-B | | 1500 kg | Yes | | Shackle 6.5T |
| LB20 | 20 | 6000 kg | No | 480 | Shackle 25T |
| LB20-B | | 6000 kg | No | | Shackle 25T |
| LB20FR | 20 | 6000 kg | Yes | 510 | Shackle 25T |
| LB20FR-B | | 6000 kg | Yes | | Shackle 25T |
| LB50FR | 50 | 14500 kg | Yes | 990 | Shackle 55T |
| LB50FR-B | | 14500 kg | Yes | | Shackle 55T |

| Code | Dimensions [mm] | | | |
|--------|-----------------|------|-----|------|
| | A | B | C | D |
| LB5FR | 495 | 580 | 510 | 1610 |
| LB20 | 670 | 900 | 530 | 2417 |
| LB20FR | 670 | 900 | 600 | 2400 |
| LB50 | 900 | 1175 | 840 | 2205 |

pewag levo compensator features

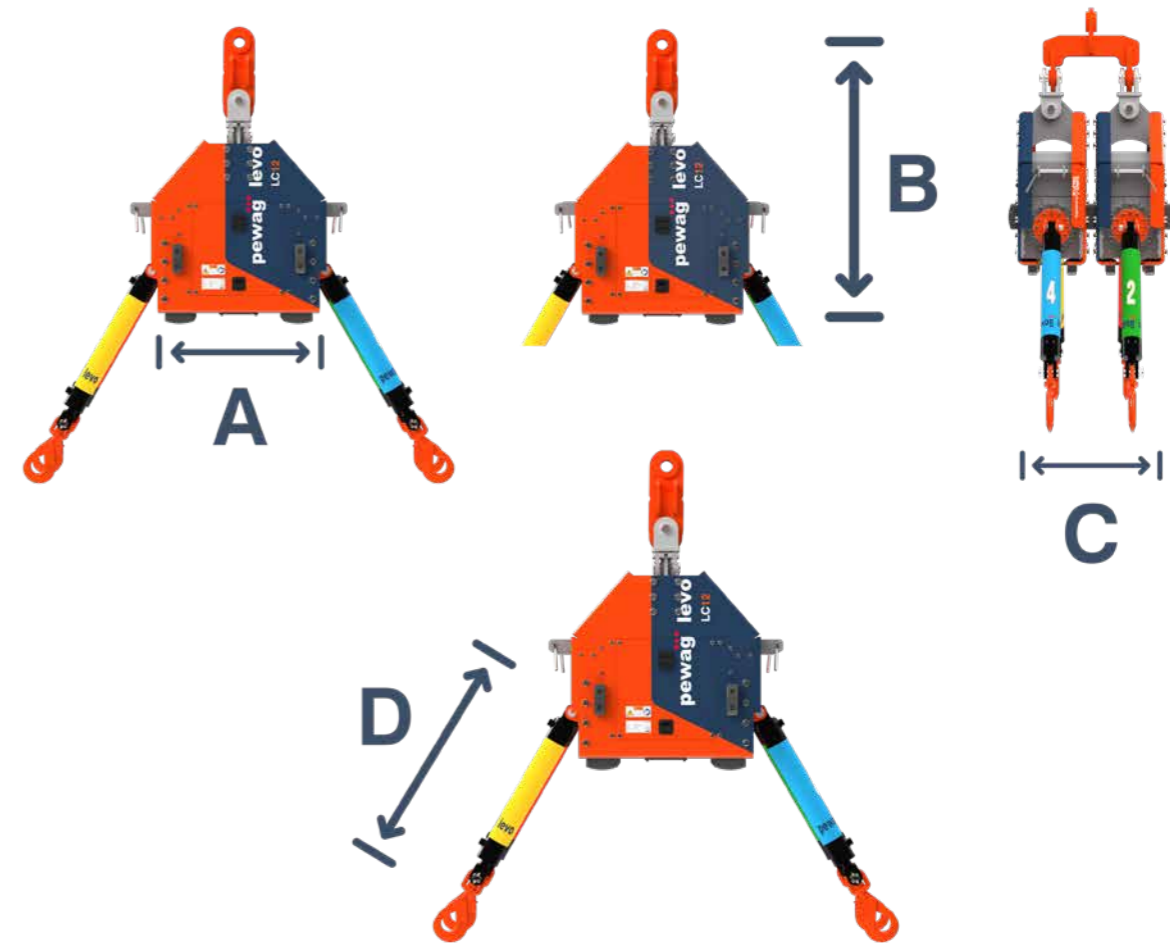
The pewag levo compensator keeps loads steady and evenly distributed.

| Feature | pewag levo compensator |
|--|------------------------|
| Standard stroke 500mm | ✓ |
| 12V battery with built-in charger | ✓ |
| Remote control | ✓ |
| Integrated flood lights 2 x 12V | ✓ |
| Galvanised finish and RAL powder coating | ✓ |
| IP55 wooden carry case | ✓ |
| Additional battery* | ✓ |
| Longer stroke length* | ✓ |
| Rain cover* | ✓ |
| Load pin on each cylinder with display* | ✓ |

*Available as an optional extra



pewag levo compensator technical specification



| Code | WLL single | WLL combined | Weight combined [kg] | Lifting eye |
|------|------------|--------------|----------------------|-------------|
| LC12 | 12 | 24 | 800 | Shackle 25T |
| LC17 | 17 | 34 | 950 | Shackle 35T |
| LC24 | 24 | 50 | 1750 | Shackle 55T |

| Code | Dimensions [mm] | | | |
|----------------|-----------------|------|------|-------------------|
| | A | B | C | D standard stroke |
| LC212 (Double) | 820 | 800 | 710 | 500 |
| LC217 (Double) | 910 | 890 | 850 | 500 |
| LC250 (Double) | 1070 | 1050 | 1040 | 500 |

pewag levo balancer remote

Automated and reliable

The pewag levo balancer and compensator are both powered remotely. The standard remote control enables safe lifting and placement from a distance.

The lightweight and ergonomic design makes the levo compensator and balancer easy to control and comfortable to use. When not in use the remote can be stored inside the balancer or compensator.

Technical specification

- Battery life: Approx 1000h
- Power supply: 3pcs AA 1.5 batteries
- Protection class: IP65



pewag levo balancer remote

pewag levo integrated floodlights

The integrated floodlight provides clear, hands-free illumination for safe and efficient work during nighttime or low-light conditions.



Integrated flood light for nighttime operation

pewag levo industry sectors and applications

Chemical & Oil Industry

The levo enables smooth repositioning of valves from horizontal to vertical and effortless pipe connections.

Solar Energy

Use the levo to accurately position subframes and solar panels during large-scale park installations. More pre-assembly in the factory means less on-site labour.

Concrete Industry

With the levo, floors and walls can be installed with fewer personnel and minimal risk of damage thanks to precise load control.

Aerospace & Drone Industry

The levo ensures delicate components and long heat shields are installed precisely, reducing manual handling and error margins.

Construction

Position steel structures and bolted connections accurately with the levo, tilting and moving profiles in the air rather than on the ground, reducing damage and labour.

Energy Production & Storage

Our levo optimises efficiency and performance for energy production and storage, helping companies streamline processes and operate sustainably.

Wind Energy

The levo provides safe, precise positioning of wind turbine blades and components, ensuring optimal control and speed during production.

Housing

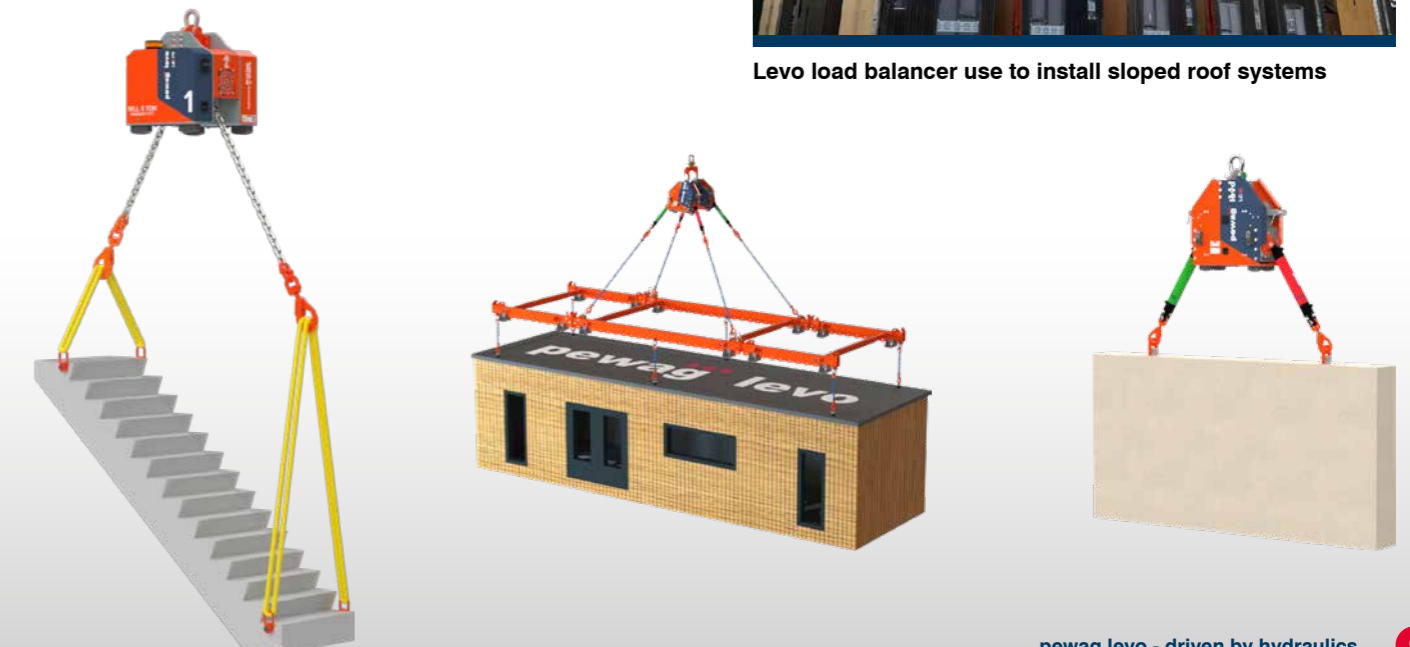
Compensators on the levo deliver maximum precision for unit installation, making housing construction faster, safer, and more reliable.



Levo load balancer equalising crane counter weight



Levo load balancer use to install sloped roof systems



Occupational safety and enhanced efficiency are our top priorities.

Manual tasks, such as loading and unloading loads, demand significant resources and consume a considerable amount of time. The pewag levo hook and pewag levo clamp, which can be controlled remotely, offer a smart solution. The pewag levo product family ensures a safe and reliable working environment for employee, material and load.

levo - smart facts for smart lifting

- Automated loading and unloading from a safe distance (100 m).
- Use of a high-quality rechargeable lithium-ion battery (84.42Wh) with additional over- and undercharging protection.
- The dual safety mechanism makes levo products the safest remote-controlled slings in the world.
- Optimised transmission system
- Robust and designed for outdoor use
- Additional coatings (PCP, GZN, FLZN) to increase service life under extreme environmental conditions.
- Operating temperature -20°C to +60°C (extension possible)



pewag levo hook & pewag levo clamp



100 % safe (ISO 13849)

Accidental opening of the levo hook under load is impossible secured communication between hook and remote control, safety factor against break: 4:1



Excellent pewag quality

Patented tool-free locking of the rotation lock, tool-free initial mounting, TÜV-certified, pewag know-how

Complete range of services (on-the-job training)

E-learning, on-site trainings, pewag expert support during initial operation, repair



Cost and time savings through efficient workflows



LiftingXperts is a Dutch engineering and manufacturing company. With over 35 years' industry experience, the company offers a range of products, including hydraulic load balancers, compensators and levellers.

With over 35 years of combined industry experience, their commitment to quality is evident in their in-house testing facilities, where all products are rigorously tested up to 85 tons and comply with international standards such as NEN 13155, ASME B30.20-2021, and Australian Standard 4991.



Modulift is a UK-based manufacturer renowned for its below-the-hook lifting solutions, specialising in modular spreader beams, lifting beams, and spreader frames.

Their flagship MOD® Spreader Beams range from 6t to 2000t capacity and are DNV Type Approved up to 600t. These beams are modular, allowing for reconfiguration to suit different lifting tasks, and are lightweight to maximise crane efficiency.

Modulift also offers custom design services, providing tailored solutions for unique or oversized loads.



Modulift CMOD spreader frame

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levo.pewag.com