



pewag levo

Automated safety



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, 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
- Protection class IP65
- 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



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

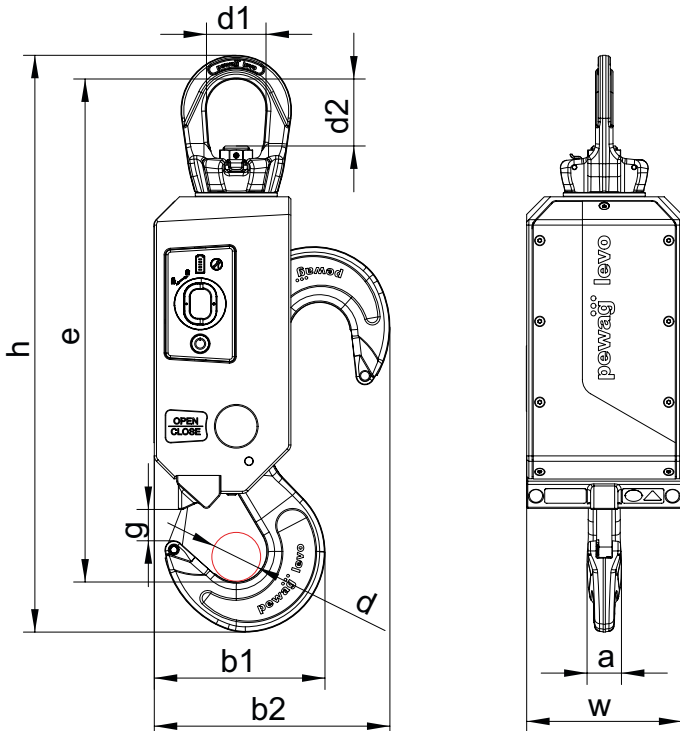




Basic equipment		pewag levo hook LH5	pewag levo hook LH8	pewag levo hook LH16	pewag levo hook LH32
Remote control		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Charger		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Per Equipment					
Light module		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Magnet module		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
levo Manager Software		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Weighing cell*		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heat protection*		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Impact protection*		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* on request

pewag levo hook LH5



The **pewag levo hook LH5** provides advanced functionality, enhancing the flexibility of any lifting operation. Furthermore, the LH5 can be fitted with a magnet. With the powerful combination of motor and battery, the hook can operate for up to 70 hours.

levo safety feature – Prevents unintentional opening under a load of 20 kg or more.

Code	Load capacity [kg]	e [mm]	a [mm]	b1 [mm]	b2 [mm]	d [mm]	d1 [mm]	d2 [mm]	g [mm]	h [mm]	h1 [mm]	w [mm]	Own weight [kg]
LH 5	5.000	460	32	156	220	35	54	61	22	528	46	142	20,00

Examples of use:

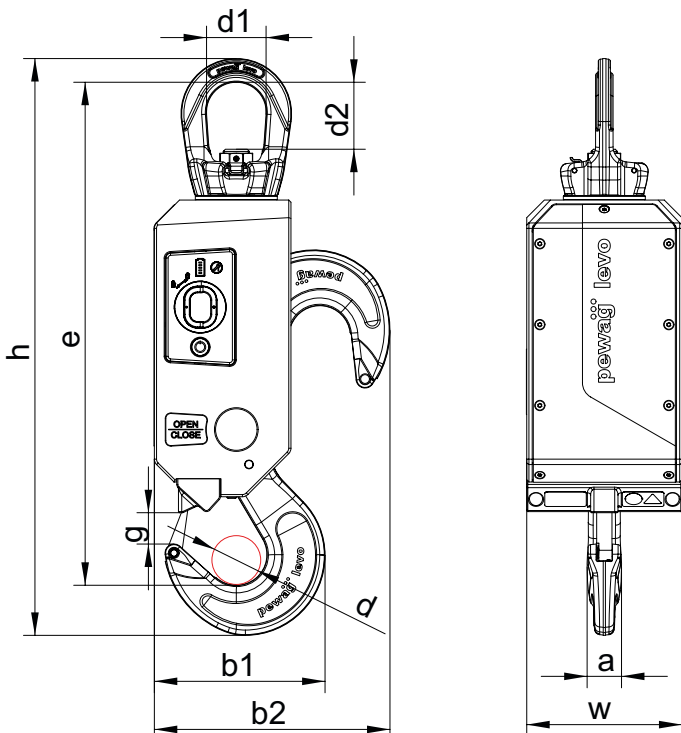


Port Industry



Steel Industry

pewag levo hook LH8



The **pewag levo hook LH8** provides advanced functionality, enhancing the flexibility of any lifting operation. Furthermore, the LH8 can be fitted with a magnet. With the powerful combination of motor and battery, the hook can operate for up to 70 hours.

levo safety feature – Prevents unintentional opening under a load of 20 kg or more.

Code	Load capacity [kg]	e [mm]	a [mm]	b1 [mm]	b2 [mm]	d [mm]	d1 [mm]	d2 [mm]	g [mm]	h [mm]	h1 [mm]	w [mm]	Own weight [kg]
LH 8	8.000	460	32	156	220	35	54	61	22	528	46	142	20,00

Examples of use:

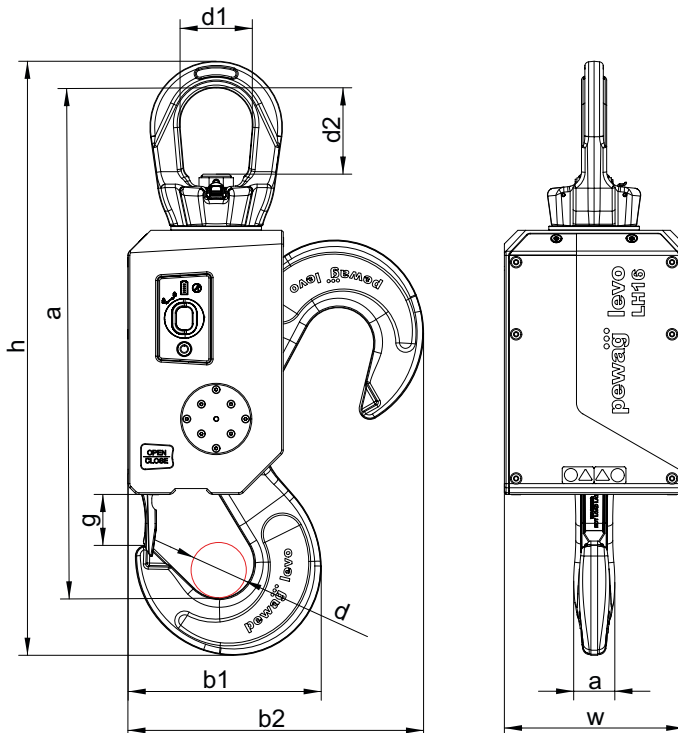


Port Industry



Steel Industry

pewag levo hook LH16



The pewag **levo hook LH16** is equipped with a magnet capable of lifting ferromagnetic materials weighing up to 12.5 kg. The placement of the magnet allows for effortless central positioning of the load.

levo safety feature – Prevents unintentional opening under a load of 40 kg or more.

Code	Load capacity [kg]	e [mm]	a [mm]	b1 [mm]	b2 [mm]	d [mm]	d1 [mm]	d2 [mm]	g [mm]	h [mm]	h1 [mm]	w [mm]	Own weight [kg]
LH 16	16.000	609	49	227	356	57	86	103	59	709	64	214	59,00

Examples of use:

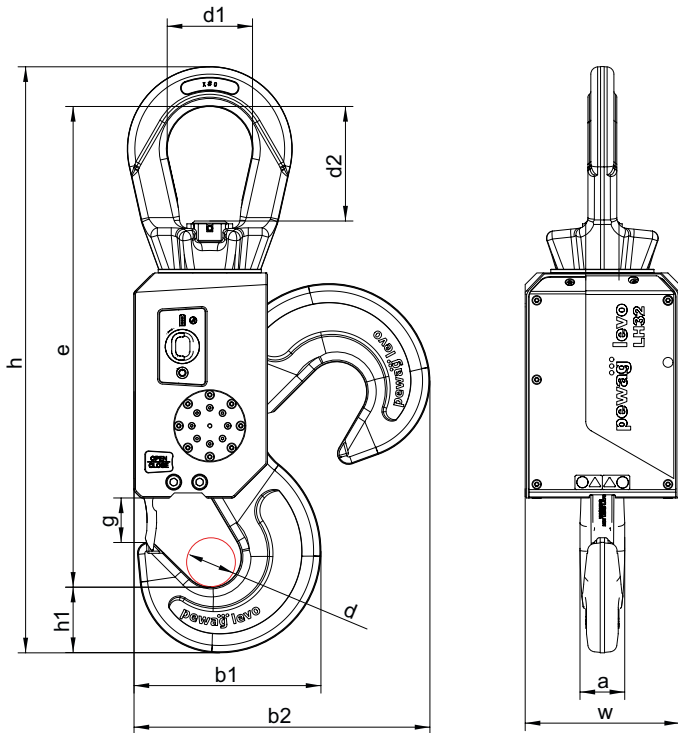


Steel Industry



Concrete Industry

pewag[®] levo hook LH32



The pewag **levo hook LH32** comes with an additional brake that prevents the hook from automatically lowering when the hook is open. The optional magnet enables lifting of ferromagnetic materials weighing up to 12.5 kg. Furthermore, the placement of the magnet allows for effortless central positioning of the load.

levo safety feature – Prevents unintentional opening under a load of 80 kg or more.

Code	Load capacity [kg]	e [mm]	a [mm]	b1 [mm]	b2 [mm]	d [mm]	d1 [mm]	d2 [mm]	g [mm]	h [mm]	h1 [mm]	w [mm]	Own weight [kg]
LH 32	32.000	666	62	259	411	57	118	159	61	813	91	214	79,00

Examples of use:



Steel Industry



Wind Industry

pewag levo remote control

Reliable standard.

The pewag levo standard remote control is used to operate the pewag levo hook or the pewag levo clamp. It enables safe lifting and placement from a distance.

The lightweight and ergonomic design makes the levo remote control easy and comfortable to use. The additional plastic seal protects against damage (e.g. impact). The remote control enables the simultaneous control of up to 20 pewag levo products.

More details

- Range: up to 100 m in open areas
- Radio frequencies: 868, 915, 916 Mhz
- Battery life: approx. 6 months*.
- Power supply: 3 pcs. AA 1.5V batteries
- Protection class: IP65
- Operating temperature: -20°C to +60°C

* Depending on battery manufacturer and operating temperature



pewag levo remote control: Standard

The levo service-promise.

Under the aspect that „every application is different“, we are happy to develop individual solutions for our customers. For example: an 8-fold remote control.



pewag levo 8-way remote control

Stand: 04.10.2023

Applied standards:

General/Mechanical Components:

- ISO 9001
- EN 13155
- EN 10204 3.1.B
- Machinery Directive 2006/42/EG
- ASME B30.20
- UL 508
- CSA C22.2 No. 14-13

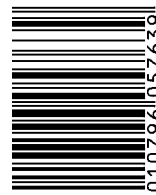
Electronic components:

- | | |
|----------------|---------------------|
| • ISO 12100 | EN 61000-4-8 |
| • ISO 13849-1 | EN 61000-6-4 |
| • ISO 13849-2 | EN 61000-6-2 |
| • EN 55011/22 | FCC, 47 CFR Part 15 |
| • EN 61000-4-2 | EN 300220-2 |
| • EN 61000-4-3 | IC RSS-247 |

Standards for Charger:

- IEC 60335:1
- IEC 60335:2
- EN 55014-1
- EN 55014-2
- EN 61000-3-2
- EN 61000-3-3





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