



GEDA® 7 P
GEDA® 15 P

PASSENGER AND MATERIAL

HOISTS

®

GEDA



GEDA® 7 P

PASSENGER AND MATERIAL HOIST IN COMPLIANCE WITH EN 12159

- rack and pinion hoist guided at one galvanised steel mast
- load capacity 7 persons and 600 kg respectively
- lifting speed 15/30 m/min
- max. construction height 100 m

Base unit consisting of:

- foot section, galvanised, with four adjusting spindles and 2.2 m base mast with electrically supervised prop to allow maintenance work below the cage and device for transport by fork lift truck
- hoist cage (inside dimensions l x w x h: 1.7 x 1.1 x 2.1 m) with sliding door at the front (door opening w x h: 1.05 x 2.05 m) and combined swinging door with gangway to building, with roof hatch (0.30 x 0.50 m) and moveable assembly opening, integrated semi-automatic landing level control, key switch for mode selection, overload indicator and working power socket 230 V; with cage lighting and intercom system (cage/ground station)
- gear brake motor 2.8/5.5 kW/400 V/50 Hz with overspeed safety device
- base enclosure with mechanically and electrically locked sliding door and integrated control at the outside, with loading ramp
- limit switch and safety limit switch operating devices
- operation and emergency limit switches at top and bottom
- limit switches for end of mast and mast connection
- overload protection with warning light in cage
- eye hook for lifting
- control for drop test

ACCESSORIES:

- cable bin with trailing cable for 50 m or 100 m lifting height
- control for preselection of landing level stops
- assembly trailer
- assembly plank for anchoring the hoist without scaffold

RELIABILITY AND SAFETY COMBINED

The passenger and material hoists **GEDA® 7 P** and **GEDA® 15 P** have been constructed in compliance with the German Regulations for Building Hoists TRA 1100 as well as EN 12159 and are designed for the requirements on construction sites.

The robust and reliable construction – based on long-standing experience in the production of building hoists – guarantees an effective use and a high availability of the hoist.

The steel mast system is compatible with the **GEDA®** transport platforms and rack and pinion hoists with load capacities of 500 to 2000 kg, being:

- **GEDA® 500 Z**
- **GEDA® 850 Z**
- **GEDA® 1000 Z**
- **GEDA® 1500 Z**
- **GEDA® 2000 Z**
- **GEDA® 500 Z/ZP** (3 Pers./500 kg)
- **GEDA® 1500 Z/ZP** (7 Pers./1500 kg)
- **GEDA®-MCP 750/1500**



1 For the transport of the **GEDA® 7 P** a uniaxial trailer is available. The loading/unloading is effected automatically by means of the hoist drive.



2 Easy and rapid assembly from inside the hoist cage: open assembly tunnel, put on mast section, raise mast, tighten the captive screws (M16) with self-locking nuts – ready.



3 The control of the **GEDA® 7 P / 15 P** is possible from the hoist cage, the ground station and every landing level gate. Also available is a control for the preselection of landing level stops.



4 The landing levels are secured by 1.1 m high galvanised safety gates. These come complete with cable for serial connection and integrated control.



5 As soon as the cage reaches the landing level, the cage door is unlocked automatically. When it is opened, a gangway with lateral protection unfolds automatically for safe passing to the building/scaffold.



6 When the cage moves into the ground station, the cage door at the front is unlocked automatically and can be opened together with the sliding door of the ground station.



GEDA® 15 P

PASSENGER AND MATERIAL HOIST IN COMPLIANCE WITH EN 12159

- rack and pinion hoist guided at two galvanised steel masts
- load capacity 15 persons and 1200 kg respectively
- lifting speed 15/30 m/min
- max. construction height 100 m

Base unit consisting of:

- foot section, galvanised, with four adjusting spindles and two 2.2 m high base masts with electrically supervised prop to allow maintenance work below the cage
- hoist cage (inside dimensions l x w x h: 1.7 x 2.35 x 2.1 m) with sliding door at the front (door opening w x h: 1.05 x 2.05 m) and combined swinging door with gangway to building, with roof hatch (0.30 x 0.50 m) and moveable assembly openings, integrated semi-automatic landing level control, key switch for mode selection, working power socket 230 V; with cage lighting and intercom system (cage/ground station)
- two gear brake motors 2.8/5.5 kW/400 V/50 Hz with overspeed safety device
- base enclosure with mechanically and electrically locked sliding door and integrated control at the outside, with loading ramp
- limit switch and safety limit switch operating devices
- operation and emergency limit switches at top and bottom
- limit switches for end of mast and mast connection
- overload protection with warning light in cage
- beam with eye hook for lifting of base unit
- control for drop test with resetting
- cable bin with trailing cable for 100 m lifting height

ACCESSORIES:

- control for preselection of landing level stops
- assembly plank for anchoring the hoist without scaffold

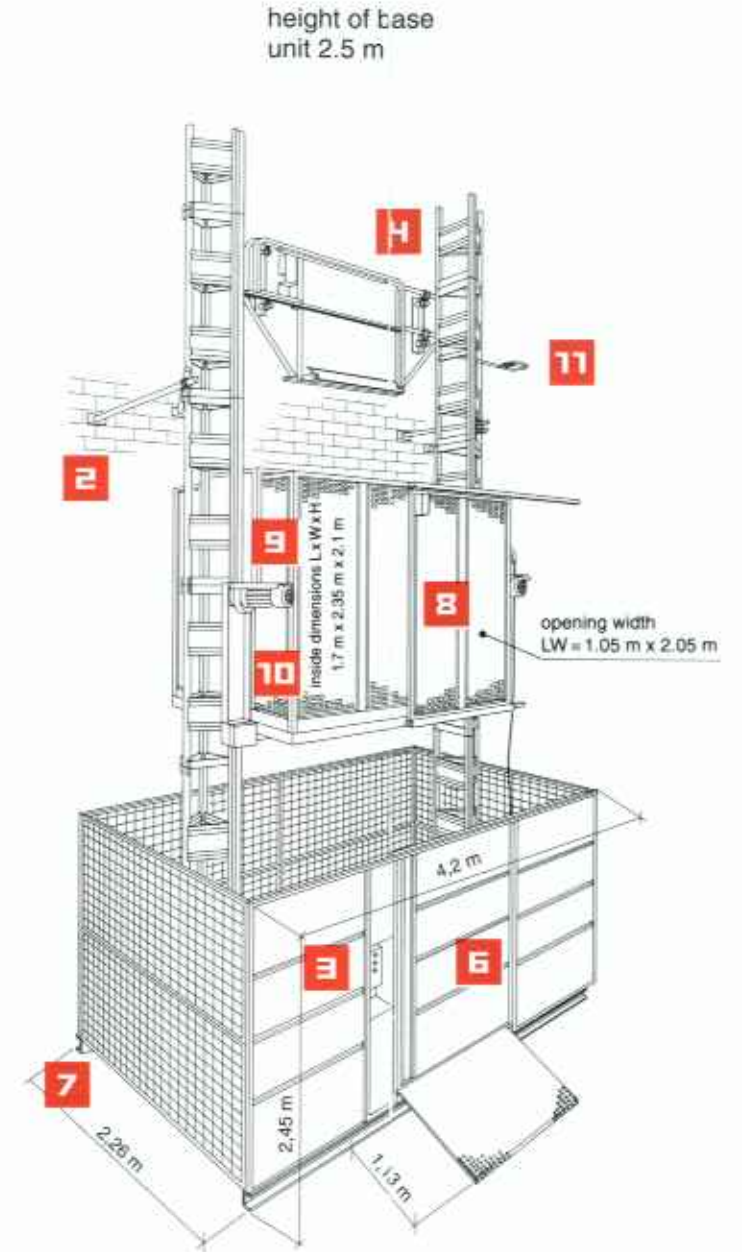
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- **GEDA® 850 Z**
- **GEDA® 1000 Z**
- **GEDA® 1500 Z**
- **GEDA® 2000 Z**
- **GEDA® 500 Z/ZP** (3 Pers./500 kg)
- **GEDA® 1500 Z/ZP** (7 Pers./1500 kg)
- **GEDA®-MCP 750/1500**



1 For the transport of the **GEDA® 7P** a uniaxial trailer is available. The loading/unloading is effected automatically by means of the hoist drive.



2 Easy and rapid assembly from inside the hoist cage: open assembly tunnel, put on mast section, raise mast, tighten the captive screws (M16) with self-locking nuts – ready.



3 The control of the **GEDA® 7P/15P** is possible from the hoist cage, the ground station and every landing level gate. Also available is a control for the preselection of landing level stops.



4 The landing levels are secured by 1.1 m high galvanized safety gates. These come complete with cable for serial connection and integrated control.



5 As soon as the cage reaches the landing level, the cage door is unlocked automatically. When it is opened, a gangway with lateral protection unfolds automatically for safe passing to the building/scaffold.



6 When the cage moves into the ground station, the cage door at the front is unlocked automatically and can be opened together with the sliding door of the ground station.

2 The steel masts are anchored every 10 m. The steel mast system is compatible with the mast system of the **GEDA®** transport platforms, rack and pinion hoists and mast climbing platforms of 500 to 2000 kg payload.

7 The galvanised foot section with four adjusting spindles features an electrically supervised prop to allow maintenance work below the cage.

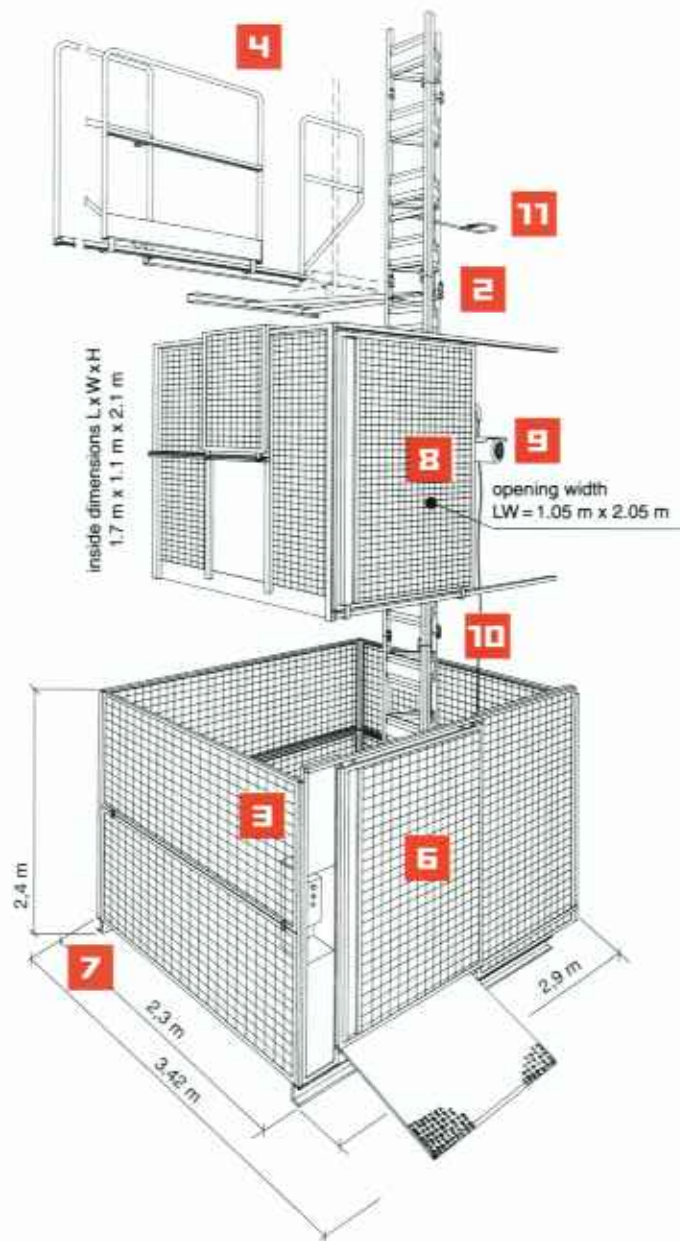
8 Hoist cage (1.7 x 2.35 x 2.1 m) with sliding door at the front and patented double wing door with integrated gangway.

9 Two powerful gear brake motors 2.8/5.5 kW/400 V/50 Hz with stop of any movement in case of overloading.

10 The overspeed safety brake works synchronously on both masts.

11 The cable guides are to be installed every 6 m.

height of base unit 2.4 m



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The robust and reliable construction – based on long-standing experience in the production of building hoists – guarantees an effective use and a high availability of the hoist.

The steel mast system is compatible with the **GEDA®** transport platforms and rack and pinion hoists with load capacities of 500 to 2000 kg, being:

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2 The mast ties are installed every 6 m. The steel mast system is identical to those of the **GEDA®** transport platforms, rack and pinion hoists and mast climbing platforms with a load capacity from 500 to 2000 kg.

4 Landing level safety gates (door opening 1.50 m) for safeguarding the landing levels. These gates can be fixed by scaffold couplings to any 1.5" tubular scaffold and are adjustable from 1.60 m to 2.50 m.

7 The large-surface galvanised base frame spares additional fixing to the ground and consequently additional assembly time.

8 The hoist cage (inside dimensions 1.7 x 1.1 x 2.1 m) can easily accommodate 7 persons. It has a patented double wing door with integrated gangway.

9 The drive unit with two-step motor (2.8/5.5 kW/400 V/50 Hz) stops any movement in case of overloading.

10 The overspeed safety device immediately engages if the hoist gains excessive speed.

11 The cable guides are fixed at 6 m centres.



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6 When the cage moves into the ground station, the cage door at the front is unlocked automatically and can be opened together with the sliding door of the ground station.

GEDA® PROGRAMME



Rope hoists: 1 Swivel arm hoists
2 Scaffolding hoists



Inclined lifts with steel wire rope



Inclined and vertical lifts with rack and pinion



Rack and pinion hoists with aluminium mast



Rack and pinion hoists with steel mast



Transport platforms



Passenger/material hoists



Suspended working platforms



Rubbish chutes