



BUILDING WORK

RACK AND PINION HOISTS FOR

®

CEORA

GEDA
200 Z
300 Z
300 ZG



GEDA 200 Z
RACK AND PINION HOIST
with aluminium mast:

- drive unit 230 V – 50 Hz
- load capacity 200 kg
- hoisting speed 25 m/min
- max. hoisting height 50 m
- motor output 1.5 kW

GEDA 300 Z
RACK AND PINION HOIST
with aluminium mast:

- | | alternating current | three-phase current |
|-------------------|---------------------|---------------------|
| • drive unit | 230 V – 50 Hz | 400 V – 50 Hz |
| • load capacity | 300 kg | 300 kg |
| • hoisting speed | 20 m/min | 30 m/min |
| • hoisting height | max. 50 m | max. 100 m |
| • motor output | 1.5 kW | 2.5 kW |

GEDA 300 ZG
RACK AND PINION HOIST
with aluminium mast:

- drive unit 400 V – 50 Hz
- load capacity 300 kg
- hoisting speeds 18 m/min and 36 m/min
- max. hoisting height 100 m
- motor output 1.5 kW / 3.0 kW

GEDA 200 Z/300 Z/300 ZG
RACK AND PINION HOISTS
with aluminium mast:

- electrically interlocked swivel platform (1.4 m x 0.75 m) with supervised loading ramp and assembly guard
- overspeed safety device
- overload protection with warning light
- assembly control in the platform with key-switch assembly/operation, overload warning light and socket
- limit switch adjustable in height
- landing level switch with operating element
- limit switch at top and bottom
- integrated emergency limit switch at top and bottom as well as over-run protection at top
- safety stop 2 m above ground

All **GEDA** rack and pinion hoists carry the CE mark and comply with the EU machinery directive as well as the European Standard pr EN 12158-1.



THE PROFESSIONALS FOR ANY BUILDING SITE!

For many years already both the rack and pinion hoists **GEDA 200 Z** with 230 V alternating current motor and 200 kg load capacity and **GEDA 300 Z** (same construction) with 400 V three-phase current motor and 300 kg load capacity (now also available with alternating current motor 230 V, 50 Hz!) are being used for manifold transport jobs at building sites.

The advantages of **GEDA** rack and pinion hoists compared to rope hoists are easy assembly, high operational safety and sturdiness. High safety reserves due to structural design for 1.5 times load.

With the patented trailer for automatic unloading of the base section, the spacious platform and the practical features such as overload protection the **GEDA 200 Z** and **GEDA 300 Z** are ideal rack and pinion hoists for rental and for the hard continuous operation on site.



The hoist is separated from the trailer.



Comfortable assembly of the 2 m mast sections.



GEDA
200 Z
300 Z
300 ZG



ACCESSORIES:

- 2 m aluminium mast sections – designed to fit to scaffolding tubes – with 3 captive screws (M 14) and nuts
- set of mast ties with fixing tubes for rapid assembly (1 set for base mast section, then fixing at every 4 m construction height)
- frame to transport scaffolding parts
- platform also available with supervised gate
- cable bin with trailing cable for 25 m/50 m/75 m/100 m lifting height and cable guide
- patented single axle trailer (hot dip galvanised), 80 km/h, for easy transport and automatic unloading of the hoist, optionally with ball type coupling for cars or ring type coupling for lorries

SPECIAL EQUIPMENT according to CE:

- 1.10 m high hot dip galvanised base enclosure with electrically supervised access gate (adjustable for transport and operation) and integrated lockable control (can remain with the base section during transport!)
- 1.10 m high hot dip galvanised landing level gate (for all steel tube scaffolds \varnothing 48 mm and 2.00 m – 3.07 m wide scaffold sections) with electrically supervised and mechanically locked sliding gate and integrated control, 6 m cable and landing level operating element
- wall fixing for landing level safety gate

GEDA highlights:



The hot dip galvanised base enclosure with integrated control is retracted for transport.



The hot dip galvanised landing level safety gate with integrated control and 6 m cable is electrically supervised and mechanically locked.



The electrically supervised swivel operation eliminates dangerous gaps at the unloading point and also facilitates anchoring the aluminium masts.



The mast tie is simply inserted into the mast and accommodates both mast tie tube and brace.



The assembly control in the platform contains key-switch assembly/operation, overload warning light and socket.



The masts are safely fixed by three captive screws (M 14) and nuts.

THE PROFESSIONALS FOR ANY BUILDING SITE!

For many years already both the rack and pinion hoists **GEDA 200 Z** with 230 V alternating current motor and 200 kg load capacity and **GEDA 300 Z** (same construction) with 400 V three-phase current motor and 300 kg load capacity (now also available with alternating current motor 230 V, 50 Hz!) are being used for manifold transport jobs at building sites.

The advantages of **GEDA** rack and pinion hoists compared to rope hoists are easy assembly, high operational safety and sturdiness. High safety reserves due to structural design for 1.5 times load.

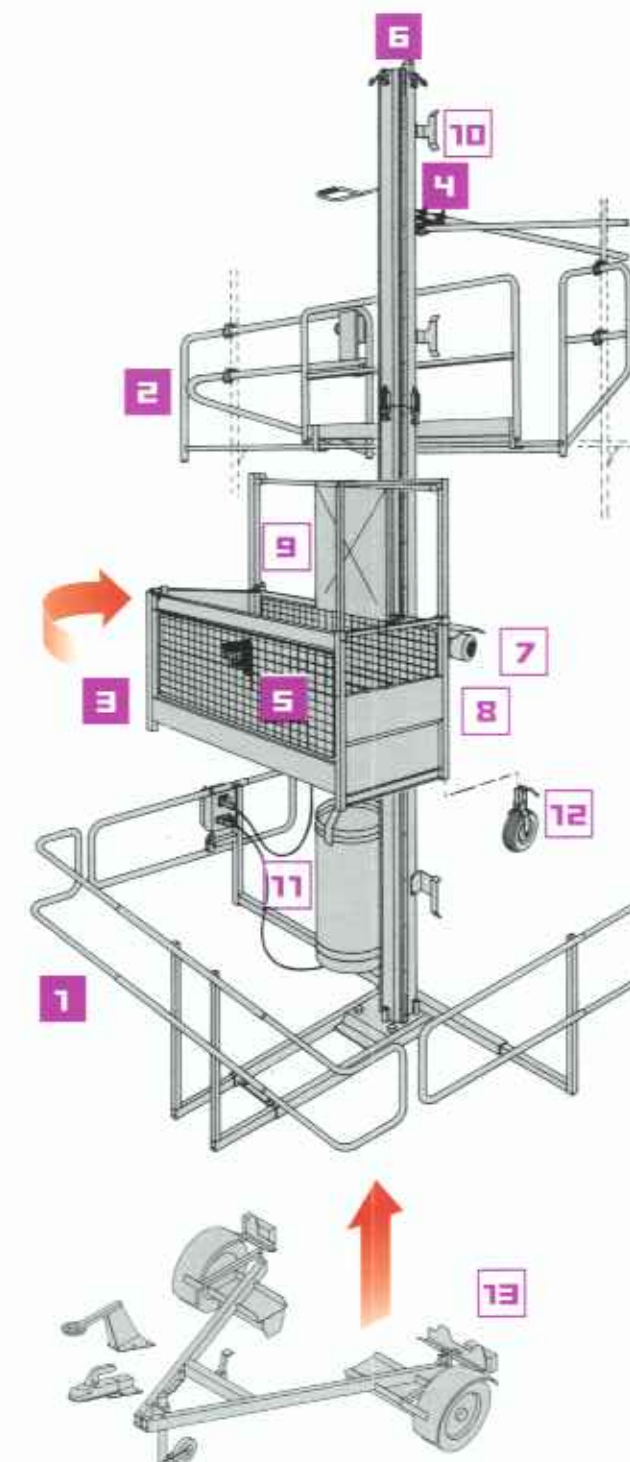
With the patented trailer for automatic unloading of the base section, the spacious platform and the practical features such as overload protection the **GEDA 200 Z** and **GEDA 300 Z** are ideal rack and pinion hoists for rental and for the hard continuous operation on site.



The hoist is separated from the trailer.



Comfortable assembly of the 2 m mast sections.



GEDA highlights:



The hot dip galvanised base enclosure with integrated control is retracted for transport.



The hot dip galvanised landing level safety gate with integrated control and 6 m cable is electrically supervised and mechanically locked.



The electrically supervised swivel operation eliminates dangerous gaps at the unloading point and also facilitates anchoring the aluminium masts.



The mast tie is simply inserted into the mast and accommodates both mast tie tube and brace.



The assembly control in the platform contains key-switch assembly/operation, overload warning light and socket.



The masts are safely fixed by three captive screws (M 14) and nuts.

- 7** The powerful 230 V alternating current motor has an output of 1.5 kW and the three-phase current motor 2.5 kW respectively 1.5/3.0 kW.
- 8** The overspeed safety device works directly on the rack. Positive overload protection prevents the hoist from being operated when overloaded.
- 9** During assembly the control is blocked by the sliding assembly guard allowing at the same time free access to the mast.
- 10** Landing level operating elements for easy setting of the landing levels without lengthy programming.

- 11** Sturdy cable bin with either 25 or 50 m trailing cable with alternating current motor. The hoist with three-phase current motor can also be equipped with 75 m and 100 m trailing cable.
- 12** Simply insert the wheeled undercarriage into the platform.
- 13** With the patented hot dip galvanised single axle trailer the hoist can automatically be unloaded.

GEDA 500 Z



GEDA 500 Z RACK AND PINION HOIST with steel mast:

- drive unit 400 V – 50 Hz
- load capacity 500 kg
- hoisting speed 30 m/min
- max. hoisting height 100 m
- motor output 5.5 kW
- base section with 2 adjusting spindles and 2.2 m high base mast
- large swivel platform (inside dimensions 1.6 m x 1.4 m), electrically interlocked, with supervised loading ramp and assembly guard
- frame to transport bulky parts
- overspeed safety device
- overload protection with warning light
- assembly control in the platform with key-switch operation/assembly, overload warning light and socket
- limit switches at top and bottom
- integrated emergency stop switch at top and bottom and additional mechanical over-run protection at top
- safety stop 2 m above ground
- crane jack to lift the base section



Easy assembly of the 1.5 m triangular mast sections.

A STRONG PARTNER FOR HEAVY LOADS!

In the past years the **GEDA 500 Z** has become known among builders as a reliable partner. Its spacious platform with 500 kg load capacity accommodates two large wheelbarrows or large pallets and also offers fixing possibilities for bulky building material.

High safety reserves due to structural design for 1.5 times load. There is no problem to erect the hoist up to a height of 100 m from the platform using the well-tried steel masts. The base enclosure and landing level safety gates do not only render the operation much safer but also allow to control the hoist from any level.



GEDA highlights:



Easy and automatic unloading and loading of the hoist from the patented trailer. The hot dip galvanised trailer is thus protected from damages and theft and can be used for other hoists.



The hot dip galvanised base enclosure with electrically supervised access gate has a lockable control and can be retracted for transport.



No dangerous gaps at the unloading point when swivelling the platform by 90°. It is also easy to attach the mast ties from the swivelled platform. Loading at the ground is done in parallel position to the building thus saving space, which is often very important on narrow pavements.



The hot dip galvanised landing level safety rail with electrically supervised and mechanically locked sliding gate and integrated control secures the loading points. The hoist can be controlled from any level.

GEDA 500 Z



ACCESSORIES:

- 1.5 m triangular hot dip galvanised steel masts each with 4 captive screws (M 16) and nuts (can also be used for **GEDA 1200 Z / 1500 Z, 2000 Z**, passenger hoists **GEDA 7 P** and **15 P** as well as the transport platforms **GEDA 500 ZP** and **1200 ZP**)
- frame to transport scaffolding parts
- set of mast ties with fixing tubes for rapid assembly (1 set for base section, then fixing at every 5 m construction height)
- cable bin with trailing cable for 25 m/50 m/75 m/100 m lifting height and cable guide
- patented single axle trailer (hot dip galvanised), 80 km/h, for easy transport and automatic unloading of the hoist, optionally with ball type coupling for cars or ring type coupling for lorries

SPECIAL EQUIPMENT according to CE:

- 1.10 m high hot dip galvanised base enclosure (can remain with base section during transport!) with electrically supervised access gate (adjustable for transport and operation) and integrated lockable control
- 1.10 m high hot dip galvanised landing level safety gate (for all steel tube scaffolds \varnothing 48 mm and 2.00 m – 3.07 m wide scaffold sections) with electrically supervised and mechanically locked sliding gate and integrated control, 6 m cable and landing level operating element

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CE

A STRONG PARTNER FOR HEAVY LOADS!

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High safety reserves due to structural design for 1.5 times load. There is no problem to erect the hoist up to a height of 100 m from the platform using the well-ried steel masts. The base enclosure and landing level safety gates do not only render the operation much safer but also allow to control the hoist from any level.



Easy assembly of the 1.5 m triangular mast sections.



GEDA highlights:



Easy and automatic unloading and loading of the hoist from the patented trailer. The hot dip galvanised trailer is thus protected from damages and theft and can be used for other hoists.



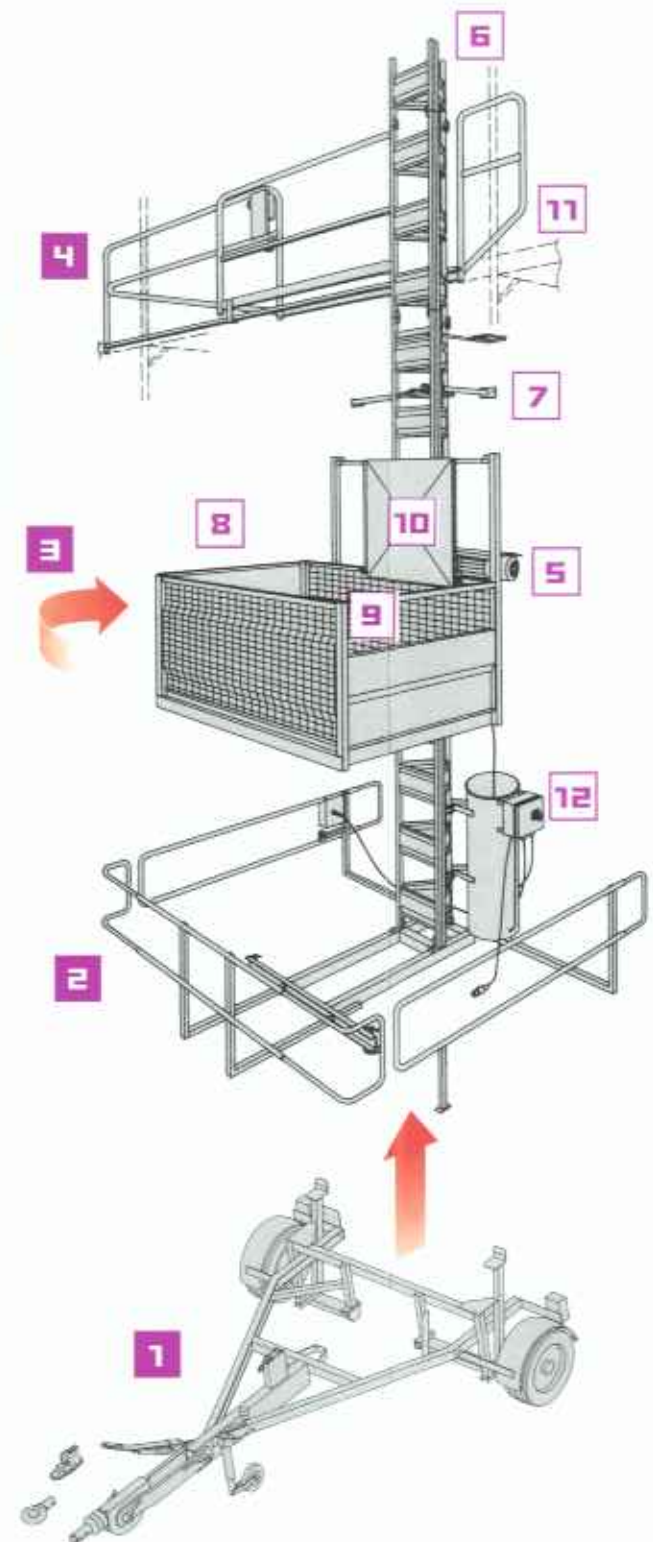
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The hot dip galvanised landing level safety rail with electrically supervised and mechanically locked sliding gate and integrated control secures the loading points. The hoist can be controlled from any level.



- 1 The hot dip galvanised base enclosure with electrically supervised access gate has a lockable control and can be retracted for transport.
- 2 No dangerous gaps at the unloading point when swivelling the platform by 90°. It is also easy to attach the mast ties from the swivelled platform. Loading at the ground is done in parallel position to the building thus saving space, which is often very important on narrow pavements.
- 3 The hot dip galvanised landing level safety rail with electrically supervised and mechanically locked sliding gate and integrated control secures the loading points. The hoist can be controlled from any level.
- 4 The mast ties allowing to accommodate fixing tubes and props are simply inserted into the steel mast every 6 m, resulting in quick and easy assembly of the hoist.
- 5 The powerful three-phase current motor with 5.5 kW output offers big safety reserves. The overspeed safety device also works on the screwed on rack. The overload protection prevents the hoist from being operated with an overloaded platform.
- 6 Hot dip galvanised 1.5 m triangular steel masts with screwed on rack and 4 captive screws (M 16) with nuts. The masts are identical for the rack and pinion hoists **GEDA 1200 Z/1500 Z** and **2000 Z**, the passenger hoists **GEDA 7 P** and **15 P** as well as the transport platforms **GEDA 500 ZP** and **1200 ZP**.
- 7 Very spacious platform (dimension 1.40 m x 1.60 m) with large electrically supervised loading ramp with fixing possibilities for heavy and bulky material. Also available: frame to securely transport scaffolding parts.
- 8 For easier assembly the platform is equipped with assembly control and key-switch assembly/operation, overload warning light, socket and sliding assembly guard.
- 9 The sliding assembly guard blocks the control during assembly and at the same time allows free access to the mast.
- 10 Landing level operating elements for easy setting of the landing levels without lengthy programming.
- 11 Sturdy cable bin with trailing cable for 25 m/50 m/75 m and 100 m lifting height.
- 12

GEDA
1200 Z
1500 Z
2000 Z



RACK AND PINION HOISTS with two steel masts:

- drive unit 400 V - 50 Hz
- motor output 2 x 5.5 kW
- max. hoisting height 100 m
- base section with 4 adjusting spindles and two 2 base masts 2.2 m high
- overspeed safety device
- overload protection
- limit switches at top and bottom
- integrated emergency limit switches at top and bottom and mechanical over-run protection
- safety stop 2 m above the ground
- lifting beam to lift the base section
- load platform with two electrically supervised loading ramps, assembly control with key switch operation/assembly, overload warning light and socket; with 1.8 m high frame with assembly guard

GEDA 1200 Z

- load capacity 1200 kg
- load platform 1.4 x 3.3 m
- hoisting speed 30 m/min

GEDA 1500 Z

- load capacity 1500 kg
- load platform 1.4 x 1.9 m
- hoisting speed 30 m/min

GEDA 2000 Z

- load capacity 2000 kg
- load platform 1.4 x 3.6 m
- hoisting speed 25 m/min

All **GEDA** rack and pinion hoists carry the CE mark and comply with the EU machinery directive as well as the European Standard pr EN 12158-1.



HERE IT IS: THE NEW GENERATION OF HEAVY LOAD HOISTS!

The new generation of rack and pinion hoists **GEDA 1200 Z**, **1500 Z** and **2000 Z** is based on the modular system. The spacious load platforms have a lot of room for bulky material. Due to the arrangement of two handy steel masts (40 kg - identical to **GEDA 500 Z**) it is for the first time possible to erect hoists with a load capacity of more than 1 ton from inside the platform. The transport and the automatic unloading have also been facilitated by this construction. This helps save expensive fixers' and crane hours.



Comfortable assembly of the 1.5 m triangular mast sections.



GEDA highlights:



Spacious platform with two electrically supervised loading ramps for bulky and heavy building materials.



The hot dip galvanised landing level safety rail with integrated control features an electrically supervised and mechanically locked sliding gate.



Assembly control with key-switch assembly/operation, overload warning light and socket.



Simply insert the hot dip galvanised base enclosure with integrated lockable control into the base section. The electrically supervised access gate secures the area below the hoist.

GEDA
1200 Z
1500 Z
2000 Z



ACCESSORIES:

- 1.5 m triangular hot dip galvanised steel masts each with 4 captive screws (M 16) and nuts (can also be used for **GEDA 500 Z**, passenger hoists **GEDA 7 P** and **15 P** and transport platforms **GEDA 500 ZP** and **1200 ZP**)
- set of mast ties for fixing to the wall consisting of 4 fixing tubes (with or without fixing beam) and 4 couplings (1 set for the base section and 1 set for every 12 m construction height) as well as extension tubes for bridging a scaffold
- cable bin with trailing cable for 25 m/50 m/75 m/100 m lifting height and cable guide
- this large hoist can easily be transported on a trailer and automatically unloaded/loaded in front of the building without the use of a crane or other devices.

SPECIAL EQUIPMENT according to CE:

- 1.10 m high hot dip galvanised base enclosure (can remain with base section during transport!) with electrically supervised access gate and integrated lockable control
- 1.10 m high hot dip galvanised landing level safety gate (for all steel tube scaffolds \varnothing 48 mm and 1.60 m - 2.30 m wide scaffold sections) with electrically supervised and mechanically locked sliding gate and integrated control, 6 m cable and landing level operating element
- wall fixing for landing level safety gate

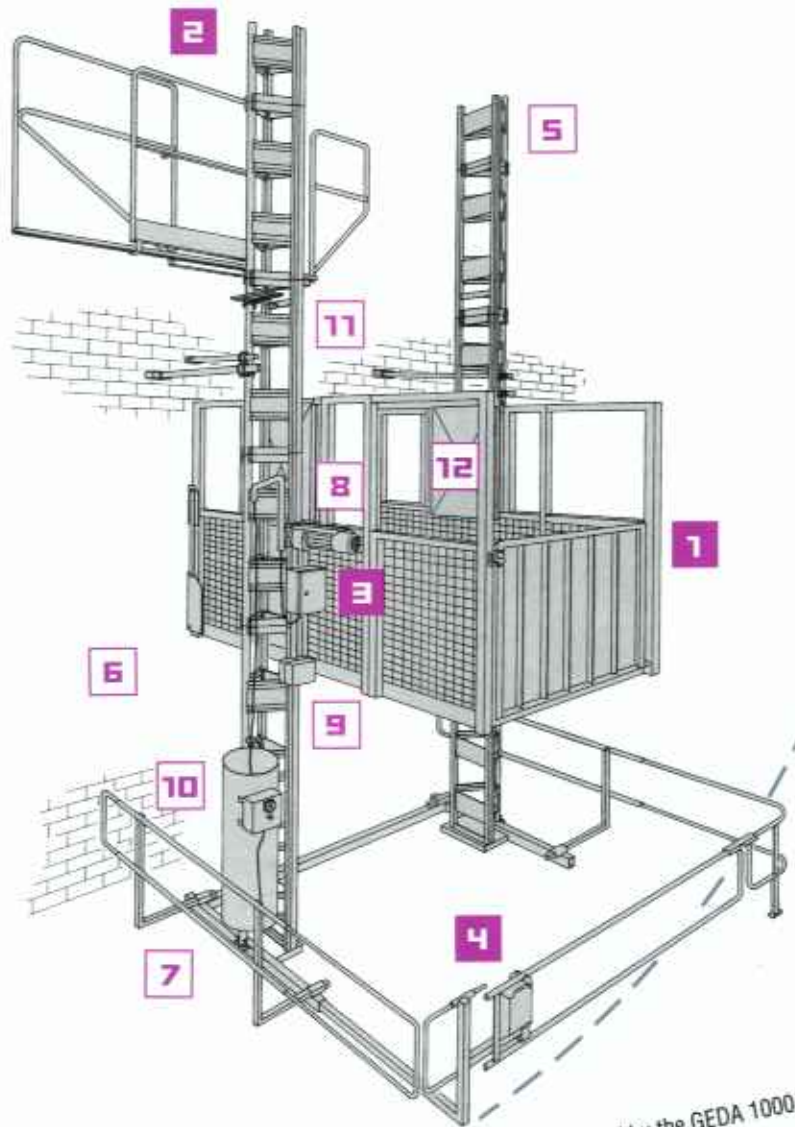
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Due to the arrangement of two handy steel masts (40 kg - identical to **GEDA 500 Z**) it is for the first time possible to erect hoists with a load capacity of more than 1 ton from inside the platform. The transport and the automatic unloading have also been facilitated by this construction. This helps save expensive fixers' and crane hours.



Comfortable assembly of the 1.5 m triangular mast sections.



IMPORTANT:
The rack and pinion hoists GEDA 1200 Z / 1500 Z were replaced by the GEDA 1000 Z / GEDA 1500 Z / GEDA 2000 Z.
These new rack and pinion hoists have one decisive advantage being the modular construction of the load platform allowing to adapt the hoist to the requirements on site.

GEDA highlights:



Spacious platform with two electrically supervised loading ramps for bulky and heavy building materials.



The hot dip galvanised landing level safety rail with integrated control features an electrically supervised and mechanically locked sliding gate.



Assembly control with key-switch assembly/operation, overload warning light and socket.



Simply insert the hot dip galvanised base enclosure with integrated lockable control into the base section. The electrically supervised access gate secures the area below the hoist.

- 5** Assembly of the hoist is done from the platform. The handy steel masts can be assembled without the use of a crane. The mast sections are the same for the **GEDA 500 Z**, the passenger hoists **GEDA 7 P** and **15 P** and the transport platforms **GEDA 500 ZP** and **1200 ZP**.
- 6** The included lifting beam can also be used for moving the hoist.
- 7** Four adjusting spindles at the base section for exact levelling on uneven ground.
- 8** The powerful drive with 2 x 5.5 kW has big power reserves. The overload protection prevents the hoist from being operated with an overloaded platform.
- 9** The overspeed safety device also works synchronically on both racks.
- 10** Sturdy cable bin with trailing cable for 25 m/50 m/75 m and 100 m lifting height.
- 11** Landing level operating elements for easy setting of the landing levels without lengthy programming.
- 12** The sliding assembly guard blocks the control during assembly and at the same time allows free access to the mast.

GEDA[®] PROGRAMME



Rope hoists: ■ Swivel arm hoists
■ 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