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# CERTIFICATO

## CERTIFICATE

**Direttiva Macchine 2006/42/CE All. IX- Esame CE del tipo di apparecchi di sollevamento di persone o di persone e cose con pericolo di caduta verticale superiore a 3 metri (rif. Allegato IV – 17)**

*Machinery Directive 2006/42/EC Annex. IX - EC type-examination certificate of devices for the lifting of persons or of persons and goods involving a hazard of falling from a vertical height of more than three metres (Ref. Annex IV – 17)*

**Certificato No.:** TÜV IT 0948 12 MAC 0046/B Rev.002  
*Certificate No.:*

**Nome ed indirizzo del fabbricante:** THYSSENKRUPP ENCASA S.r.l.  
*Name and address of manufacturer:* Via Cannizzaro - Frazione Ospedaletto 2  
 56124 PISA (PI) - ITALIA

**Prodotto:** Piattaforma elevatrice destinata al trasporto di persone con mobilità ridotta con supporto del carico completamente chiuso da pareti e porte.  
*Product:* Vertical lifting platforms intended for use by persons with impaired mobility, with carrier completely enclosed with walls, ceiling and doors.

**Modello/tipo:** GU41  
*Model/type:* (denominazioni commerciali: GULLIVER, HE31, HE32, HE51, HE52 (SLIDING DOORS))

**Rapporto di prova:** TR 0948 MAC 0069 B, 05/12/2014  
*Test report:*

**Norme di riferimento:** Direttiva Macchine 2006/42/CE  
*Reference Standards:*

**Si certifica, quale organismo notificato n.0948 che la piattaforma elevatrice nel campo di applicazione riportato nell'allegato al presente certificato soddisfa i requisiti della direttiva:**

*We herewith certify, as per Notified Body no.0948, that the lifting platform for the respective scope of application stated in the annex to this EC type-examination certificate meets the requirements of the Directive:*

### 2006/42/CE

**Data prima emissione:** 11/07/2012  
*First issue data:*

**Revisione del:** 18/12/2014  
*Revision:*

**Data di scadenza:** 10/07/2017  
*Expiry date:*



SGQ N° 049A SSI N° 0056 PRD N° 061B  
 SGA N° 018D ITX N° 001L ISP N° 057E  
 SCR N° 009F PRS N° 077C LAB N° 0076

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
 Signatory of EA, IAF and ILAC Mutual Recognition Agreements



**TÜV Italia S.r.l.**  
**Organismo notificato N° 0948**  
*Notified Body, Identification N° 0948*

**Dr. Gennaro Oliva**  
 Industrie Service Manager

Ulteriori informazioni sono riportate in allegato.  
 Si prega vedere le note sul retro.  
*Further information are enclosed. Please see remarks on reverse.*



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## ANNEX TO THE EC-TYPE EXAMINATION n° TÜV IT 0948 12 MAC 0046/B Rev.002

### 1. Scope

Vertical lifting platforms intended for use by persons with impaired mobility, model "GU41" (trade names: GULLIVER, HE 31, HE 32, HE51, HE52 (SLIDING DOORS)) with support load completely closed by walls and doors.

Platforms includes the metallic building structure of the well, except the components to connect it on site and the sources of energy.

Vertical lifting platforms are referred to in Annex IV, item 17 of Machinery Directive 2006/42/EC, being "Device for the lifting of persons or of persons and goods involving a hazard of falling from a vertical height of more than three meters".

For the verification of the essential safety requirements applies the UNI EN 81:41 "Special lifts for the transport of people and things Part 41: Vertical lifting platforms intended for use by person with reduced mobility" except items 1.1 PURPOSE, since the platform consists of a closed cabin always in compliance with Directive 2006/42 / EC and point 5.5.15.2 control devices, the adoption of the enclosed cab allows the use of internal commands automatic while respecting the Directive 2006/42 / EC.

### 2. Technical specifications

Trade name:	GULLIVER, HE31, HE32, HE51, HE52 (SLIDING DOORS)
Rated load:	250 ÷ 400 kg
Maximum suspended load:	940 kg
Maximum number of stops:	6
Maximum travel:	15,1 m
Maximum speed:	0,15 m/s
Drive system:	hydraulic indirect acting
Reeving factor:	2:1
Suspension of the carrier:	2 metallic chains
Type:	Fleyer BL 534



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**Hydraulic equipment:**

Lifting and suspension jacks:

Jack Type	Suspension load [kg]	Platform travel [m]
55	Up to 940	According to Table 6÷14 of the document n° SCH-OR41
60		
70		

**Machinery (hydraulic unit):**

Inside a cabinet installed outside the well or in a dedicated room

Jack Type	Maximum rated flow [l/min]	Maximum electric motor power [kW]	Maximum static pressure [bar]
55	10,7	1,8	In conformità alle tabelle 6÷14 del documento n° SCH-OR41
60	12,7	2,2	
70	17,3	2,2	

**Guide system:**

Cold drawn steel guide rails complying with ISO 7465, type T70 - 2/A (70 x 70 x 8 mm)

Maximum distance between rail fixings: 1600 mm

**Load carrier:**

- Floor area: up to 1,6 m<sup>2</sup>
- Internal height: ≥ 1900 mm
- Frame: see SCH-OR41
- Number of entrance: 1 ÷ 3
- Control devices: automatic type inside the carrier and at landings
- Protecting devices: entrance protection automatic re-opening doors device
- emergency stop
- Communication device: Telephone
  - Auto dialer
  - Intercom



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**Well:**

metallic structure supplied by the manufacturer of the platform

Protective device under the platform: manually positioned mechanical blocking device provided with an electric safety device

Protective device above the platform: manually positioned mechanical blocking device provided with an electric safety device

Minimum height of the pit:  $\geq 500$  mm (mechanical device in active position)

Minimum clear space between the rigid parts in the liftway and the platform:  $\geq 300$  mm (mechanical device in active position)

Landing doors: manually or automatic hinged doors  
automatic sliding doors

Clear width:  $500 \div 1000$  mm

Height:  $\geq 1800$  mm

Material: stainless steel, aluminum, glass and eventually coating

**Safety and component devices:**

Sliding door locking device:

SEMATIC – H153ABWX/H153ACTX

LTL – OS3-11

WITTUR – MDS1

hinged door locking device:

Prudhomme LR 128 E

Kronenberg DLF 1 EM

Safety device for detecting slackening of chains:

Instantaneous safety gear LVT-09

Instantaneous safety gear AFV 515-1 BP1

Safety device against free fall of the platform:

Rupture valve integrated in the cylinder

Rupture valve external to the cylinder

**Electrical equipment:**

Power supply: 230V AC mono phase 50-60Hz

Maximum current 16A

Control circuit supply: 24 V DC



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### 3. Conditions

The validity of the EC type-examination certificate is subject to review every five years.

In the event that the validity of the EC-type examination certificate is not renewed, the manufacturer shall cease the placing on the market of the machinery concerned.

The applicant shall inform TÜV Italia of all modifications to the approved type. TÜV Italia may or not confirm the validity of the EC-type examination certificate issued.

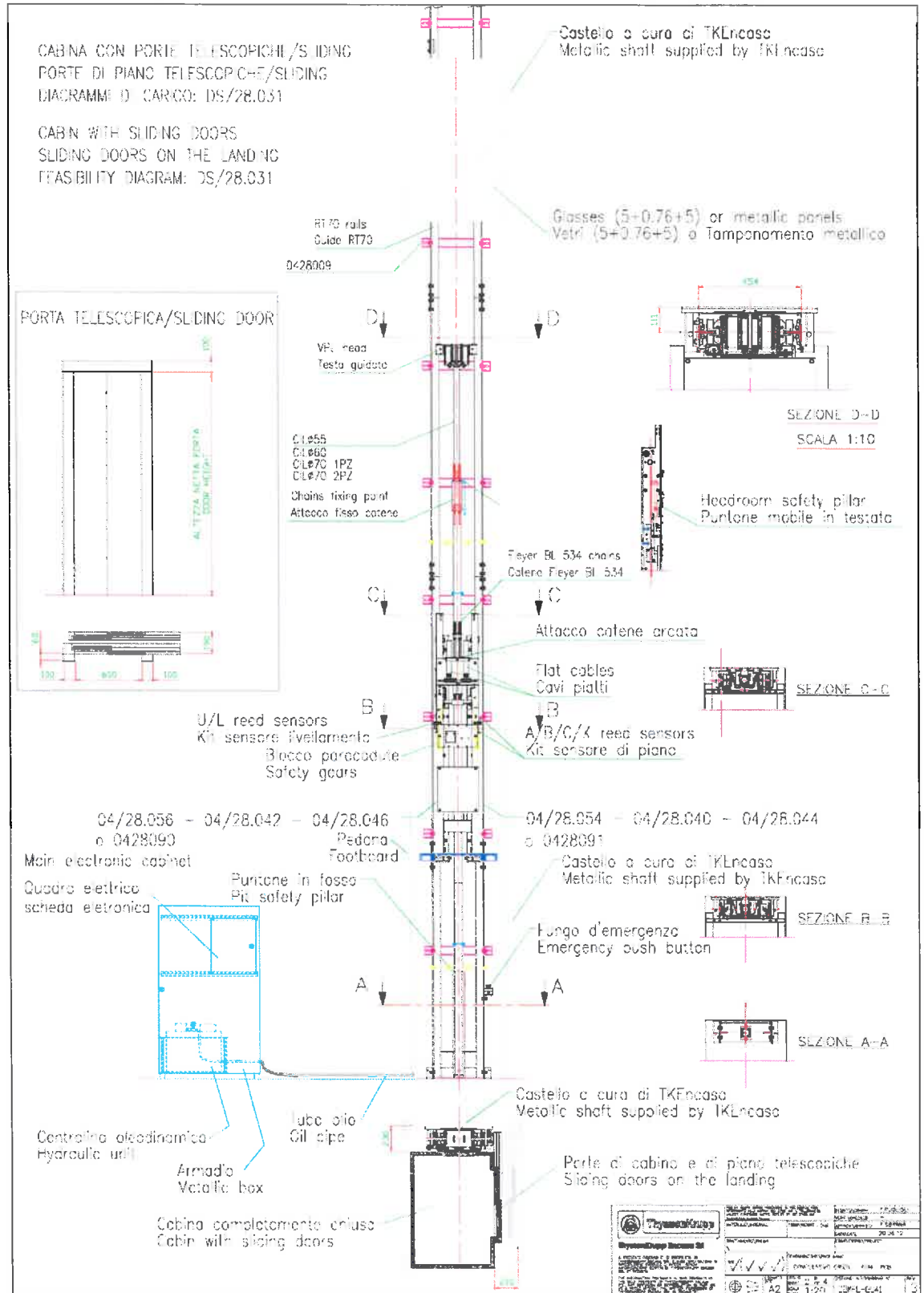
### 4. Note

The manufacturer shall retain a copy of this certificate, of the technical file and of all the relevant documents for a period of 15 years from the date of issue of the certificate.

This annex is an integral part of the EC-type examination certificate n° **TÜV IT 0948 12 MAC 0046 B REV 002**

Sesto San Giovanni, December 18, 2014

Figure 1 – General Drawing – Close guide







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Figure 3 – Load diagram

