



Instruction manual

DE – ACHTUNG: Die Verwendung des INNOTECH-Produkts ist erst zulässig, nachdem die Gebrauchsanleitung in der jeweiligen Landessprache vollständig gelesen und verstanden wurde.

EN – ATTENTION: Use of the INNOTECH product is only permitted after the instruction manual has been read and fully understood in the respective language.

IT – ATTENZIONE: L'utilizzo del prodotto INNOTECH è permesso solo previa lettura e comprensione dell'intero manuale di istruzioni nella lingua del relativo paese di utilizzo.

FR – ATTENTION : L'utilisation du produit INNOTECH n'est autorisée qu'après avoir entièrement lu et compris la notice d'utilisation dans la langue du pays concerné.

NL – ATTENTIE: Dit INNOTECH-product mag pas gebruikt worden nadat u de gebruikershandleiding in de taal van het betreffende land gelezen en begrepen hebt.

ES – ATENCIÓN: Se autorizará el uso de los productos INNOTECH una vez que se hayan leído y entendido las instrucciones de uso en el idioma del país.

PT – ATENÇÃO: O uso do produto INNOTECH apenas é permitido depois de ter lido e compreendido na totalidade as instruções de uso na respetiva língua nacional.

DK – GIV AGT: Du må først bruge et produkt fra Innotech, efter du har læst og forstået brugsvejledningen i fuldt omfang i dit lands sprog.

SV – O B S : Denna INNOTECH-produkt får inte användas förrän bruksanvisningen på respektive lands språk har lästs igenom och förstås.

CZ – POZOR: Práce s výrobkem INNOTECH je povolena teprve po kompletním přečtení a porozumění návodu k použití v jazyku daného státu.

PL – UWAGA: Produkty firmy INNOTECH mogą być używane dopiero po dokładnym zapoznaniu się z całą instrukcją obsługi w ojczystym języku.

SL – POZOR: Uporaba izdelka INNOTECH je dovoljena šele po tem, ko ste navodila prebrali v celoti v ustreznem jeziku svoje dežele in jih tudi razumeli.

SK – POZOR: Produkt INNOTECH môžete používať až po prečítaní a porozumení celého návodu na použitie pre príslušnú krajinu.

HU – FIGYELEM: Az INNOTECH termékek használatá csak azt követően engedélyezett, hogy saját nyelvéen elolvasta és megértette a teljes használati utasítást.

TR – DİKKAT: INNOTECH ürününün kullanımına ancak ilgili ülkenin dilinde sunulmuş olan kullanım kılavuzunun tamamen okunmasından ve anlaşılmasından sonra izin verilir.

ZH – 注意: 只有在仔细阅读并完全理解了当地语言的使用说明后，才能使用 INNOTECH 公司的产品。

DE

EN

IT

FR

NL

ES

PT

DK

SV

CZ

PL

SL

SK

HU

TR

ZH

[2]	SYMBOL DESCRIPTION	3
[3]	SAFETY INSTRUCTIONS	4
[4]	COMPONENTS/MATERIAL	6
[5]	LENGTH OF USE	6
[6]	PRODUCT APPLICATION/APPROVAL	7
[7]	INSPECTION	8
[8]	GUARANTEE	9
[9]	SIGNS & MARKINGS	10
[10]	DIMENSIONS	11
[11]	INSTALLATION	12
[12]	CONNECTION TO THE SAFETY HARNESS	17
[13]	INSPECTION REPORT	18
[14]	STORAGE/DISPOSAL	20
[15]	DEVELOPMENT & SALES	20

Warning/Danger Notifications

For an IMMEDIATE potential danger which could lead to serious injury or death.



For a POTENTIALLY dangerous situation which could lead to serious injury or death.



For a POTENTIALLY dangerous situation which could lead to minor injury or property damages



Wear protective gloves!



Wear protective glasses!

**Additional Information/Instructions**

correct




incorrect



Follow the manufacturer's instructions / appropriate user manuals

The following safety instructions and the latest technical developments must be taken into account.

3.1 GENERAL

- The protective equipment may only be used / installed by persons who:
 - have been trained to use "Personal Protective Equipment" (PPE).
 - are physically and psychologically sound. Health restrictions such as cardiovascular problems, medication use, alcohol consumption, etc. decrease user safety.
 - are familiar with the locally applicable safety rules.
- During assembly / use of the safety system, the applicable accident prevention regulations (e.g. for work on roofs) must be observed.
- A plan must be in place that includes lifesaving measures for all possible emergencies
- Before beginning work, measures must be taken to ensure that no objects can fall down from the working area. The area under the working area (sidewalk, etc.) must be kept clear.
- The safety system should be planned, installed and used in such a way that a fall over the roof edge is impossible when the personal protective equipment is used properly (see planning documents at www.innotech.at).
- The safety system is subject to maximal load limits. These are visible on the serial plate of the safety system and must not be exceeded.
- At the access point to the safety system, the positions of the anchor points are to be posted in the form of a plan (e.g. bird's eye view sketch of the roof).
- After stress on the system from a fall, the entire safety system must be taken out of operation and tested by a qualified professional (component parts, anchors to the substructure, etc.).
- The safety system is not to be modified in any way.
- If use of the safety system is to be allowed to external contractors, their understanding of these user instructions is to be confirmed in writing.
- If the equipment is sold to an organization in another country, the user instructions must be made available in the local language.
- The lightning protection regulations of the country must be followed.
- "VERT-GLEIT-50" may not be used for workplace positioning. If workplace positioning is necessary, a separate system must be used.
- The lowest temperature at which the "VERT-GLEIT-50" can be used in conjunction with INNOTECH "VERT-SET-50" is -30°C.
-  INNOTECH "VERT-GLEIT-50" may only be used in conjunction with INNOTECH "VERT-SET-50".

3.2 FOR INSTALLERS: FOR SAFE INSTALLATION

- Stainless steel may not come into contact with sander dust or steel tools. This leads to corrosion.
- All stainless steel screws are to be lubricated with appropriate lubricant before installation.
- The installers must ensure that the substructure is appropriate for the anchoring of the safety system. In case of doubt, consult a structural engineer.
- The roof covering must be properly sealed according to the appropriate guidelines.
- The appropriate attachment of the safety system to the construction must be documented with anchor logs and photos of the circumstances of installation.



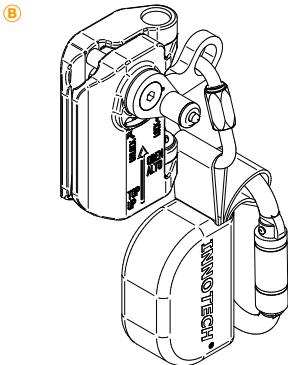
Should anything be unclear during the installation process, it is imperative that the manufacturer be contacted.

3.3 FOR USERS: FOR SAFE USE

- The INNOTECH cable glider (VERT-GLEIT-50) creates the connection to the safety system. Only use the INNOTECH cable glider in conjunction with original karabiners, the INNOTECH "VERT-SET-50" vertical lifeline system and a personal protective equipment in accordance with EN 361 (safety harness). To connect one's self to the safety harness, neither additional karabiners nor other connecting elements are to be used besides the original karabiners.
- The individual elements, including the "Personal Protective Equipment" must be used appropriately, since the protective function of the safety system is otherwise NOT provided.
- To ensure safe entry / mounting of the safety system all necessary work safety regulations are to be observed.
- In case of unusually strong winds, the safety system must NOT be used.
- On slanted roofs, appropriate snow guards must be in place to prevent snow and ice from sliding from the roof.
- Because there is a danger of ground contact over the first 2 m, one must be especially cautious when getting on and off of the system.
- The minimum spacing between 2 persons on the safety system is 3 m (measured from the feet of the upper person to the head of the lower person).
- If there is a risk of ice buildup, it is necessary to check for it constant monitoring of the INNOTECH "VERT-GLEIT-50" spring-loaded eccentric lever. The stainless steel cable must also be checked to ensure that it is free of ice.
- The provided weight range for the "VERT-GLEIT-50" must be observed and adhered to.

4

COMPONENTS/MATERIAL



A) User manual

B) "VERT-GLEIT-50": Stainless steel AISI 304/316

5

LENGTH OF USE

The length of time the shock absorber strap can be used depends of the type of use, and can not be defined since the frequencies and conditions of use, as well as the care and storage of the device can vary widely.

If the terms of use are observed and annual inspections are conducted by a qualified professional, the length of use can extend for a **maximum of 10 years** from the date of manufacture



Repairs, alterations, exchanges or additions to the shock absorber strap may only be made by the manufacturer.

INNOTECH "VERT-GLEIT-50" excels at providing friction-free movement along the lifeline and serves as a mobile anchor point for 1 person.

The slider may only be used in conjunction with the original karabiner, INNOTECH "VERT-SET-50" and personal protective equipment. (Safety harness as per EN 361)



MORTAL DANGER in case of incorrect use.

- Use the INNOTECH "VERT-GLEIT-50" ONLY for securing persons.
- Use the INNOTECH "VERT-GLEIT-50" ONLY in combination with
 - INNOTECH "VERT-SET-50" vertical lifeline system and
 - INNOTECH original carabiners and
 - personal protective equipment as per EN 361 (safety harness) and EN 363 (fall arrest system).
- NEVER hang loads that are NOT approved in this user manual on INNOTECH "VERT-GLEIT-50".



Follow the manufacturer's instructions for the personal protective equipment used.

INNOTECH "VERT-GLEIT-50" has been tested and certified according to **EN 353-1:2014**.

Notified bureau for type examination:

TÜV Austria Services GmbH, Deutschstrasse 10, A - 1230 Vienna / Austria

7.1 INSPECT BEFORE EACH USE

INNOTECH "VERT-GLEIT-50" is to be checked visually before each use for visible flaws.



DANGER OF DEATH from damage to INNOTECH "VERT-GLEIT-50".

- INNOTECH "VERT-GLEIT-50" must be in flawless condition.
- INNOTECH "VERT-SET-50" IS NOT to be used if :
 - Visible damage or wear can be seen on the components,
 - other flaws have been identified (loose screw connections, deformation, corrosion, wear, etc),
 - the stress of a fall has been exerted on the construction
 - the product designation is illegible.

The usability of the entire safety system must be confirmed through the acceptance and inspection reports.



**In case of doubt regarding the safe functioning of the safety system, take it out of service and have it tested by a competent professional (with written confirmation).
Replace the product if needed.**

7

INSPECTION

7.2 ANNUAL INSPECTION

Have the INNOTECH "VERT-GLEIT-50" examined at least once annually by an experienced professional who is familiar with the safety system. The safety of the user is dependent upon the effectiveness and durability of the equipment.

Depending upon the intensity of use and the environment, shorter examination intervals can be necessary (e.g. in case of corrosive atmosphere, etc.).

The qualified professional's examination is to be documented in the testing log included in the INNOTECH "VERT-GLEIT-50" user manual and kept on record with the user manual.



Follow the testing intervals found in the inspection log.

8

GUARANTEE

All components are guaranteed against manufacturing flaws for 2 years from the date of purchase (under normal conditions of use). The period is shortened when components are used in corrosive atmospheres.

In case of a stress on the system (fall, snow load, etc.) the guarantee covering components which were designed to absorb energy or which were deformed is void.



For system installation and for components which are planned and installed by professional installation firms under their own responsibility; INNOTECH® takes no responsibility and offers no guarantee in case of improper installation.

A) Name or logo of the manufacturer/seller:

B) Type designation:

C) Sign that the user instructions must be followed:

D) Maximum number of persons to be fastened:

E) Year of manufacture and manufacturer's serial number:

F) Number of the applicable norm:

G) EC conformity marking:

INNOTECH

VERT-GLEIT-50



1 Person (50-130 kg incl.
first aid administration)

JJJJ-.-...

EN 353-1:2014

CE 0408

A

INNOTECH

B

VERT-GLEIT-50

F

EN 353-1:2014

G

CE 0408



INNOTECH

VERT-SET-50

D



 Ø 8 mm

C

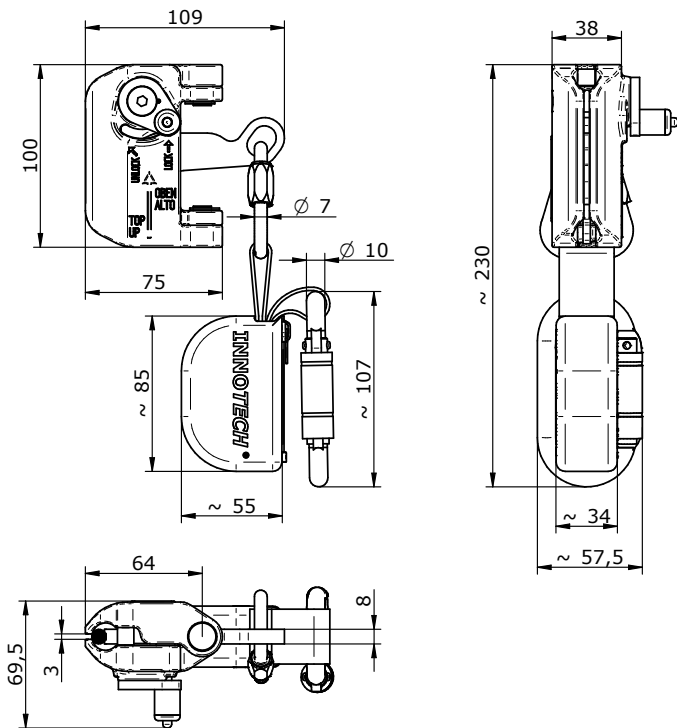


E

JJJJ-.-...

10 DIMENSIONS

[mm]





MORTAL DANGER if NOT assembled correctly.

- INNOTECH "VERT-GLEIT-50" must be installed correctly according to the user manual.

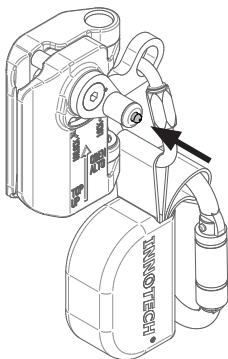


INJURY from sharp edges of construction elements.

- Wear protective gloves during installation.

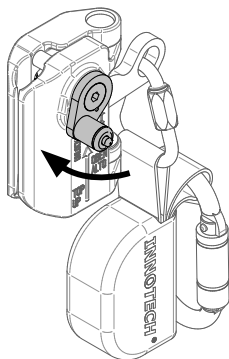


1.



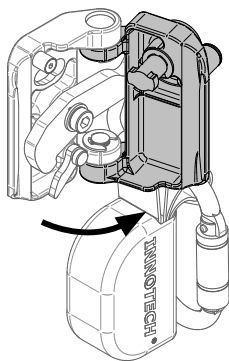
11 INSTALLATION

2.



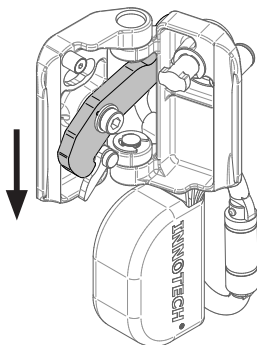
CLICK!

3.

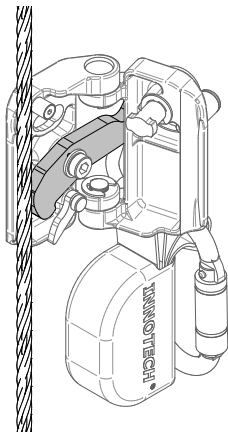


11 INSTALLATION

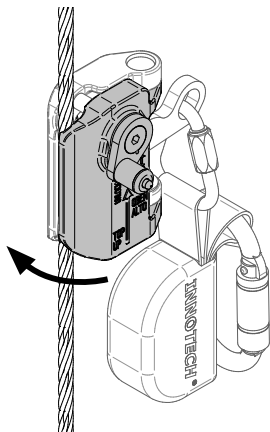
4.



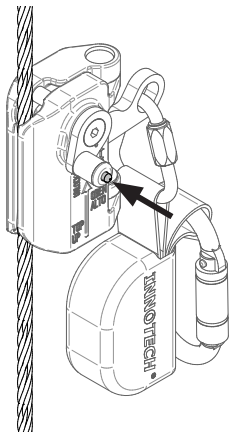
5.



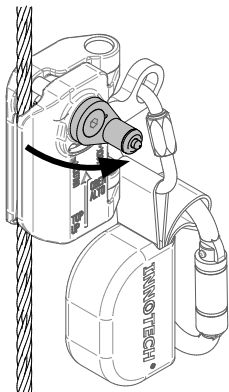
6.



7.

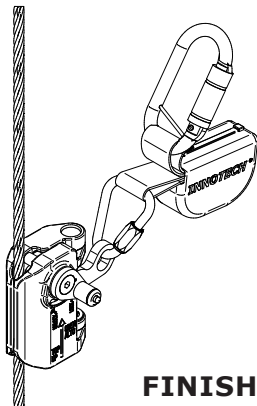


8.



CLICK!

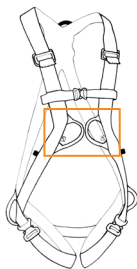
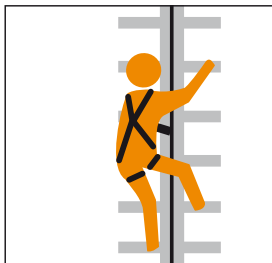
9.

**FINISHED**



DANGER OF DEATH if not used correctly.

- The connection to the safety system is provided by the INNOTECH cable glider (VERT-GLEIT-50). Use the INNOTECH cable glider only in conjunction with original karabiner and INNOTECH "VERT-SET-50"
Use a vertical lifeline system and a personal protective equipment in accordance with EN 361 (safety harness). No additional karabiners or connecting elements may be used to connect with the safety harness aside from the original karabiners.



Only use "VERT-GLEIT-50" with the front catching loops of the safety harness!



In order to ensure that the safety harness fits properly, it should be adjusted appropriately (see INNOTECH STRING user manual). Observe the manufacturer's instructions for the personal protective equipment used.



If the safety harness becomes loose during climbing, a secured person should readjust it to the correct position.

INSPECTION REPORT NR. _____ (PART 1/2)

V E R T - G L E I T - 5 0

CONTRACT NUMBER: _____

PROJECT: _____

ANNUAL SYSTEM INSPECTION CONDUCTED ON: _____

CUSTOMER: Employee:

Company address:

SUPPLIER: Employee:

Company address:

INSPECTION POINTS: <input checked="" type="checkbox"/> checked and in order	FLAWS OBSERVED: (Flaw description/solutions)
DOCUMENTATION:	
<input type="checkbox"/> User manuals (User copy, glider, etc.)	
<input type="checkbox"/> Acceptance report/photodocumentation	
PPE (Personal Protective Equipment against falls): Inspection according to manufacturer's indications	
<input type="checkbox"/> Date of expiry	
<input type="checkbox"/> periodic annual examinations conducted	
<input type="checkbox"/> not examined (no authorisation)	

INSPECTION REPORT NR. _____ (PART 2/2)

V E R T - G L E I T - 5 0

CONTRACT NUMBER: _____

PROJECT: _____

INSPECTION POINTS: <input checked="" type="checkbox"/> checked and in order	FLAWS OBSERVED: (Flaw description/solutions)
GLIDER: VERT-GLEIT-50:	
<input type="checkbox"/> Ease of mobility in all moving parts	
<input type="checkbox"/> Spring pretension on the eccentric lever: must exert a counterforce of approx. 0.15 kg.	
<input type="checkbox"/> Not soiled	
<input type="checkbox"/> Laser engraving	
<input type="checkbox"/> Original karabiner (Closure, Corrosion,)	
<input type="checkbox"/> Activating mechanism: Place the INNOTECH "VERT-GLEIT-50" on the cable (as described) and attach the original karabiner. Move the INNOTECH "VERT-GLEIT-50" (including karabiner) upwards and let go. The INNOTECH "VERT-GLEIT-50" must lock immediately (after approx. 2 cm) !	

Result of acceptance: The safety equipment corresponds to the manufacturer's user manual and the latest technical developments. Its safety and reliability are hereby confirmed.

Name: _____
Customer_____
Examination: Customer (qualified professional familiar with the safety system)_____
Date, Company seal, Signature_____
Date, Company seal, Signature

14.1 STORAGE

Keep INNOTECH "VERT-GLEIT-50" away from grease, ice and snow!

Store INNOTECH "VERT-GLEIT-50" together with the personal protective equipment.

14.2 DISPOSAL

Do NOT dispose of the safety system with household waste.
Collect the used components according to national regulations and recycle them appropriately.

INNOTECH® Arbeitsschutz GmbH, Laizing 10, 4656 Kirchham/Austria
www.innotech.at

