# GB/US . . . .Active Trainer

Vers. 1.00

Item nos:
2830X1


**1.00 . . . . . Purpose and use . . . . . 11**
1.01 . . . . . Manufacturer . . . . . 11
1.02 . . . . . Purpose . . . . . 11
1.03 . . . . . Important/Precautions . . . . . 11
1.04 . . . . . Use . . . . . 12

**2.00 . . . . . Maintenance . . . . . 12**
2.01 . . . . . Cleaning . . . . . 12
2.02 . . . . . The owner's daily maintenance duty . . . . . 12
2.03 . . . . . Disposal of slings . . . . . 13

**3.00 . . . . . Service and lifetime . . . . . 13**
3.01 . . . . . Safety/service inspections . . . . . 13
3.02 . . . . . Lifetime . . . . . 16

**4.00 . . . . . Technical specifications . . . . . 16**

**5.00 . . . . . EC-Declaration of conformity . . . . . 16**

**WARRANTY – U.S.A and Countries outside the EU . . . . . 16**
A. . . . . Users guide . . . . . 16
B. . . . . WARRANTY . . . . . 16

**6.00 . . . . . Placing the slings . . . . . 18**

## 1.00 Purpose and use

### 1.01 Manufacturer

V. Guldmann A/S
Graham Bells Vej 21-23A
DK-8200 Aarhus N
Tel. +45 8741 3100
Fax +45 8741 3131
www.guldmann.com

### 1.02 Purpose

The sling is suited for lifting or supporting a person with disabilities in hospitals, at nursing homes, institutions, swimming pools, riding schools and in private homes.

The sling is designed for use with ceiling hoist systems and it is ideal in connection with walking and balance training.

The sling is designed to lift/support persons with reduced body balance, but must be able to bear weight on their legs.

**Conditions for use**

The use of the sling is subject to the following:

- The sling is used by trained staff or persons who have been instructed in the use of the sling in question.
- The correct size of sling is used.
- The maximum nominal load, 255 kg (560 lbs) must not be exceeded.
- The sling is used to lift/support people in connection with walking and balance training.
- The helper pays attention to the well-being of the user when using the sling.
- The sling is used with the Guldmann lifting hanger.

### 1.03 Important/Precautions

- Read the instructions carefully before using the sling.
- The slings maximum load must never be exceeded.
- The sling may only be used by persons who are able to bear weight on their legs.
- Before a sling is used, it must be examined according to point 2.02.
- Never use a sling that is too big for the user.
- Possible repairs must only be made by the manufacturer.

**1.04** **Use**

***If there is any doubt about the selection or use of a lifting sling, please contact your supplier.***

**Important!**
Plan the move. Avoid leaving the user in the lifting sling unattended.
Do not start to lift until it has been checked that the user cannot get trapped and that the sling does not catch on the bed, wheelchair etc. The user's head, arms, hands and feet must not be in danger of becoming trapped. Be careful with any tubes and wires that are attached to the user and/or equipment. Check that the hand control and hand control cable is free of hanger, patient and other object before the hoist is activated up or down moved.

Guldmann shall not be liable for faults or accidents due to incorrect use of the lifting sling, or for reasons of inadequate attention on the part of the carer or user. If the sling is used in combination with products that are not manufactured by Guldmann, a risk assessment must be made by qualified staff.

Be careful when applying the lifting sling. Check that the straps have been pulled completely through the rubber safety catch and into place in the lifting hanger's hooks before starting lifting the user. Before the lift is performed make sure that the lifting straps are still in the correct position.

*Placing the sling, look at section 6*

## 2.00 Maintenance

**2.01** **Cleaning**


Normal washing at the indicated temperature

Do not use bleaching agent

Tumble-drying at low temperature

**2.02** **The owner's daily maintenance duty**
Check the lifting sling for wear and damage before use according to the following checklist which is not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.

**Sling inspection checklist**
Before using a Guldmann sling / accessory check the following:

**Is the sling clean?**
Follow facility specific infection control procedure.

**Is the sling's label present, legible and complete?**
Missing, illegible or incomplete sling label(s) could make identification of appropriate size of the sling, function of sling, and or weight limit capacity of the sling impossible.

**Are the lifting straps and stitches intact?**

- Look for broken or worn stitches
- Look for knots in straps
- Look for tears or fraying of straps
- Look for snags or punctures or holes
- Look for any particles in fabric or straps
-

**Is the fabric intact?**

- Look for abnormal wear patterns, excessive wear, abrasive evidence
- Look for cuts or frayed fabric
- Look for unusual or significant discoloration
- Look for snags, punctures, tears, holes
- Look for frayed or insecure seams
- Look for any acid / caustic / thermal burns
- Look for changes in material consistency, e.g. increased stiffness
- Look for any imbedded particles

**Are slings the original size and length without the use of knots, pins, tape or other methods to change the shape, shorten or lengthen them?**

**Conclusion**
If the sling suffers from one or more of the above mentioned conditions then it must be taken out of service regardless of the weight of the person to be lifted.

**2.03 Disposal of slings**
Slings are disposed of by incineration. By proper incineration polyester will be degraded to carbon dioxide and water.

## 3.00 Service and lifetime

**3.01 Safety/service inspections**
In accordance with international standard EN/ISO 10535 "Hoist for the transfer of disabled persons – Requirements and test methods" an inspection ***must*** be performed every 6-month according to the following instructions, which is not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.

**Safe Operating Practices with Slings**
Considerations for damaged or defective slings and taking them out of service:

Withdraw the sling from service if one or more of the following conditions are present:

1. chemical or caustic burns
2. melting or charring of any part of the sling
3. snags, punctures, tears or cuts
4. broken or worn stitches
5. missing, illegible or incomplete sling tag
6. knots in any part of the sling
7. abrasion
8. other visible damage that causes doubt as to the strength of the sling

Sling inspection is done for the protection of the user, the caregiver, and the overall hospital site safety. A sling inspection system has additional benefit. Systematic sling inspection will assist in the identification of damage trends, potentially leading to cost effective suggestions and results. The inspection process can also help to identify inventory duplicity in certain sling types and sizes.

**Sling inspection system**
Development of a specific procedure and program for the inspection of slings at your facility is your best safeguard. Consider employing a three part system of inspection. Slings that are removed from service and are not capable of repair should be disposed of so they are unfit for any future use and can not find a way back into active inventory.

**1) Initial**
This level of inspection is done at the time that the sling is received into your facility. The inspector should ensure that no damage has occurred during transit, and also verify that the sling work load limits match those contained in the manufacturer's catalogue. If your facility documents the sling inspection process through written inspection records, the paper trail should begin at this stage

**2) Frequent**
The frequent level of inspection should be done by the sling user before each use. The sling should be examined and removed from service if damage is detected. The sling user should also determine that the sling is proper for the user conditions, care task required and the required weight capacity.

**3) Periodic**
Your facility might want to consider implementing a program for a periodic level of inspection at regular intervals. The interval should be based upon the frequency of use, severity of the service cycle and information derived through the inspection process. Recommendations to prevent damage and enhance service life could be made by staff that perform the periodic inspections. If written inspection records are maintained, they should always reference the unique sling identification number, and be updated to record the condition of the sling. Not intended to represent all potential inspection steps or all potential aspects of product management program. Judgment of inspector/site prevails.

**Sling inspection technique**
The sling inspection procedure should be thorough, systematic and consistent; both visual and “hands on” inspection techniques are recommended. Certain forms of damage are far more discernable through hands-on inspection, than by visual inspection. For example, fabric stiffness, crushed webbing, as well as, thinning fabric can be identified through tactile inspection. Visual inspection alone may not reveal all forms of sling damage. Once signs of damage have been identified, do not downgrade the work load limit of the sling, with the intent of continuing to use it, but at limited capacity or frequency. This is sometimes done to get more service life out of a damaged sling. The operating rule and standard should be: intact = use; damage = do not use.

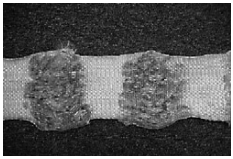
Consider the practice of documenting sling inspections through written inspection records. The documentation should include information such as: the name of manufacturer, the sling stock number, width and length, the unique sling identification number (important in differentiating similar slings), as well as the condition of the sling. Other important information might also include the date it was received or put into use at your facility and any special features (if applicable). A beneficial outcome of an inspection program would be the realization of repetitive forms of damage and the analysis that would lead to specific recommendations.

**Sample visual examples of synthetic sling damage** *x)*

*Chemical/caustic burns*

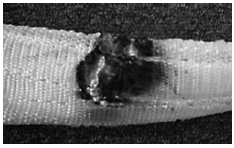
*Broken stitching*

*Crushed / Frayed webbing*



*Knots*

*Melting / Charring*



*x) sample visual images not intended to represent all types of potential damage*

**3.02 Lifetime**

The life of the sling is individual and depends on how it is used, washed etc. Before use the sling must be examined according to description in section 2.02 and if it does not meet the inspection requirements, it must be discarded if necessary.

**4.00 Technical specifications**

Lifting capacity, SWL . . . . . .255 kg (560 lbs)
Material . . . . . Polyester

**5.00 EC-Declaration of conformity**

The product is manufactured in compliance with the Council Directive 93/42/EEC of June 14th 1993, including amendments, as medical device class 1.

## WARRANTY – U.S.A. and countries outside the EU

**A. Users guide**

Before using the product, read the entire operation manual including warranty.

**B. WARRANTY**

Guldmann warrants its equipment is free from material defects under normal use, and will perform substantially in accordance with the specifications set forth in documentation provided with the equipment.

This express warranty shall be in effect for one year from the date of original purchase and installation (the “Warranty Period”). If a valid claim is made during the Warranty Period for malfunction or equipment defect, Guldmann will repair or replace the equipment at no additional cost to you. Guldmann retains sole discretion as to whether the equipment will be repaired or replaced.

This warranty shall be null and void if the equipment is operated and maintained in any manner inconsistent with its intended use or the instructions provided with the product. Further, in order for the warranty to remain in effect for the full Warranty Period, all service to the equipment must be provided by a Guldmann designated technician. Any parts or components repaired or replaced by a Guldmann designated technician will be guaranteed for the remainder of the Warranty Period.

The warranty does not cover any part of the equipment which has been subject to damage or abuse by the user or others. The warranty does not cover any part of the equipment which has been altered or changed in any way by the user or others. Guldmann does not warrant that the lifting device functions will meet your requirements, be uninterrupted or error free.

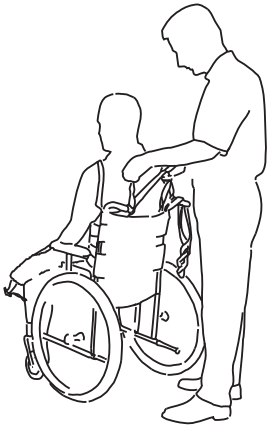
The warranty set forth is in lieu of all other express and implied warranties, whether oral, written or implied, and the remedies set forth above are your sole and exclusive remedies. Only an authorized officer of Guldmann may make modifications to this warranty, or additional warranties binding on Guldmann. Accordingly, additional statements such as advertising or presentations, whether oral or written, do not constitute warranties by Guldmann.

**Service or Repair**

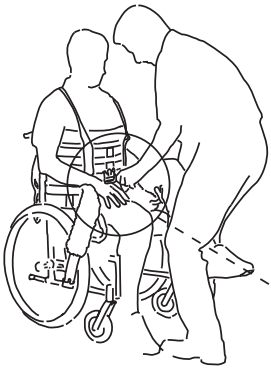
Contact Guldmann Repair for an authorization to return any defective item during the Warranty Period. You will be provided with a return authorization number and address for returning the item for warranty service or replacement. Do not return items to Guldmann under warranty without receiving a Return Authorization Number.
If mailing the item, pack it carefully in a sturdy carton to prevent damage. Include your Return Authorization Number, a brief description of the problem and your return address and phone number. Guldmann does not assume the risk of loss or damage while in transit, so it is recommended you insure the package.

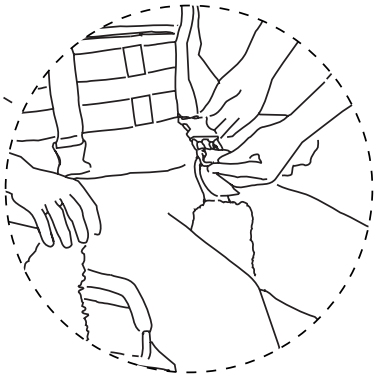
## 6.00 Placing the slings

Put the sling on from the front and have the user put his/her arms through the lifting straps.



Then cross the support straps behind the user.

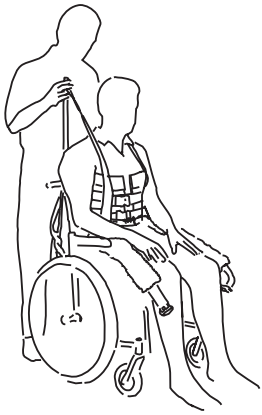




If leg straps are used, pass them under the thigh and attach them to the sling. Be careful that they are not too tight fitting in the crotch. Use the correct hanger width.

As an alternative the sling can be suspended on the lifting hanger.

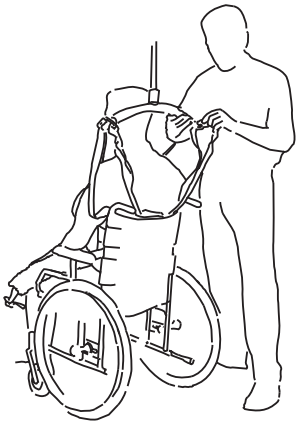
It is then attached from the front.



When using the hanger (bar) with Active Trainer, position the hanger (bar) to the rear of the user's head while attaching the straps and prior to the user coming to standing.

Check that the support straps are correctly tensioned. There should be no more than max 15 cm / 6 inch space at the back where the rear straps cross in between the two halves of the trainer sling.

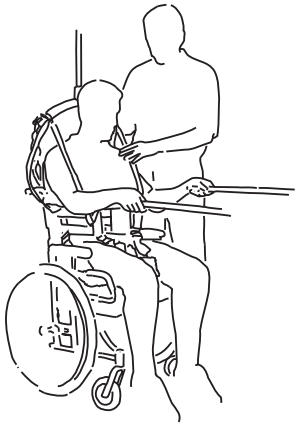
Make sure that the size of the lifting hanger fits the user.



Have the user lean slightly forward and lift a bit until the strap stretches.

Check the tension of the support straps' again.

Then start the actual lift.



You must ***not*** lift to such a height that the user is lifted off the floor.