

Products

Guldmann™

Time to care

Guldmann is the expert at providing safe, comfortable and efficient ways to lift, move and position people in a wide range of different environments.

Our prime objective is to make sure that carers get more time to provide all-important personal care. We achieve this by enabling them to make all lifting and moving operations as streamlined and efficient as possible at every single stage. And we do this in ways that meet the exact needs of all concerned.

In this specialized field, experience really counts. Guldmann has perfected a comprehensive, modular range of lifting and moving solutions, drawing on more than a quarter of a century of experience supplying assistive technology products designed to help people live their lives to the fullest.

The Guldmann approach

We develop and manufacture a wide range of products that take both the carer's working environment and the user's personal comfort and security into consideration.

We help everyone concerned to choose the solutions, products and modules that best meet their needs, and provide analysis tools and expert advice to make decision-making a well-informed choice.

We work with architects, consulting engineers and building contractors – and all of the many other professions involved – to ensure that the solutions decided on can be integrated efficiently into both new and existing facilities. We also help customers make sure these solutions are installed correctly, to ensure the best results.

We run training programs that help carers decide on the best solutions for their special needs, and train them in using the system in the safest, most effective way.

We provide a complete range of maintenance and back-up services to ensure that both carers and users fully benefit from their Guldmann solution.

Guldmann™



Content

4
Ceiling hoist
systems



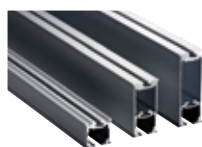
6
GH3 Ceiling hoist
system



10
GH1 Ceiling hoist
system



13
GH Components
for rail systems



20
GL5 Mobile lifters



24
Slings and lifting
accessories



40
Beds



42
Accessories
for bed



46
Guldmann Consulting
– Information and training



Ceiling hoist systems

– Attractively out of the way

Ceiling hoist systems are often an ideal solution for lifting and moving people from one place to another in all kinds of care environments. With the lifting equipment mounted out of the way on the ceiling, you keep the floor space uncluttered and it's much easier, quicker and safer to get around.

Lifting systems of this kind can normally be mounted in virtually any indoor space and reach anywhere in any room. Furnishings and floor coverings are no obstacle.

This approach also saves you time, as everything you need for effective lifting and moving is always in place, charged and ready to use as soon as it's needed. The result – more time for the care that really counts.

Guldmann ceiling hoist systems are world-renowned for

- Reliability – with built-in power sources and rapid, effective recharging
- Comfort – smooth starts and stops, as well as near-silent gliding movement
- Low cost of ownership- energy efficient with, few replacement parts
- Responsiveness -always charged, dual-speed function with the touch of a button
- Safety – sophisticated built-in safety systems, including emergency stop and lowering
- Ease of use – ergonomically correct control units that are comfortable and intuitive to use.

The result – benefits for everyone involved.



Reaching new heights

Mounting lifting modules in a rail on the ceiling brings a new dimension to the carer's working environment, with documented reductions in stress, strain and injury as well as a big difference in job satisfaction. They enable care staff to deal with most routine handling and lifting tasks on their own.

Ceiling-mounted lifting modules make heavy lifting much easier.

- The lifting equipment is always in place, ready to use immediately
- Much greater lifting height
- Greater freedom of movement and fewer weight limitations.

And if you're the user, you'll feel more comfortable and safe throughout.

Modules make a perfect fit – anywhere

Guldmann ceiling hoists are an integral part of a complete range of lifting equipment that includes rails, hoists and accessories, all designed as modules that work together perfectly. You can combine these modular sections to meet virtually any lifting requirement in any building.

Well designed rail systems ensure that hoists move quietly and smoothly, using minimal power throughout the 385 – 1100 lbs. capacity range. You can install Guldmann rail systems virtually anywhere, attached to ceilings or walls, or free-standing. You can set them up as a single track, to cover a complete room, or throughout any space you choose. You can opt for unsupported spans of as much as 8 meters (25-26 feet), which helps keep interior spaces free of clutter.

The modular design also means you can alter and extend these rail systems as needs change, or re-install them elsewhere if required. This all helps ensure a good investment that provides long-term benefits.

Your choice

There are three main types of Guldmann ceiling hoists to choose from.

- Permanently installed systems (GH3 or GH1)
- Semi-permanent systems (GH3 or GH1)
- Special hoists designed for transfer from one rail system to another (GH2 F)



GH3 ceiling hoist system

The GH3 system is a modular design concept whose classic yet contemporary appearance makes sure GH3 installations blend perfectly with both new and existing buildings, architectural styles and interior design.

Lots of different modules are available. This makes it easy to adjust GH3 set-ups to match individual needs as regards functionality, specifications and budgets. The GH3 system is easy to install and straightforward for everyone to use. This makes lifting procedures easy, safe and comfortable for everyone involved. Among the prime advantages of the GH3 system are that it is always ready to use, and that it is specifically designed for heavy-duty use under the kinds of conditions encountered in professional care environments.

GH rail system

Three different types of rails are available as part of the GH3 system, each specially designed for particular spans and lifting weights. Combining these appropriately makes installation an easy, rapid process. The GH rails can be mounted on the ceiling, on walls or on supporting pillars – or any combination of these. The unsupported span can be as much as 8 meters, depending on the combination of rail types specified and which weights the system must be capable of bearing.

Combi-lock, switch track and turntable units make it even easier to configure the rail systems for any particular needs or any specific building, either within one room or as combination systems.

The GH rails are designed to be easy to integrate into suspended ceilings. If the rails are mounted on the ceiling itself, they can be made to blend discreetly into the surroundings by the use of color or decoration. The ceiling hoists move near-silently along the rails using only a bare minimum of current. Transitions from one rail section to another are virtually unnoticeable, ensuring maximum comfort.

GH3 lifting modules

The GH3 system features lifting modules capable of lifting as much as 770 lbs (350 kg) with one lifting strap and 1100 lbs (500 kg) with two straps, depending on how the particular module is configured. Lifting speeds are up to 60 mm/sec, depending on configuration.

The batteries in the GH3 lifting modules are recharged continuously, regardless of where in the system the module happens to be at any particular time. GH3 lifting modules are fitted with quick-release mechanisms that make it quick and easy to disconnect the lifting module from the rail, and the lifting hanger from the lifting module.

GH3 lifting modules are also available with an integrated drive motor, an integrated weighing system and a cordless remote control unit.

With Guldmann CareLift Management (CLM) software, all data about how the system has been used is logged and recorded. This data can be downloaded as documentation as well as for subsequent analysis with a view to improving and fine-tuning lifting procedures, for greater efficiency and comfort.

With Guldmann service software, the operation of each lifting module can be monitored continuously. The display automatically shows when any kind of service is required.



GH3 lifting modules



reddot design award
honourable mention 2009

1

GH3

Lifting module. User-friendly and extremely powerful and fast lifting module for permanent installation. Lifting capacity 440 or 550 lbs (200 or 250 kg)
See table on page 12

2

GH3+

Lifting module similar to GH3, but with options like integrated scale, CareLift Management and Service monitoring system and even faster lifting speed. Lifting capacity 550, 660 or 770 lbs (250, 300 or 350 kg).
See table on page 12

3

GH3/GH3+ with drive motor

For horizontal movement of the lifting module in the rail system the GH3 and GH3+ are available with drive motor, and they can be operated with standard hand control (with cord) or with optional infra red (IR) remote control.
See table on page 12



4

GH3 Twin

Heavy Duty lifting module with double lifting strap. Lifting capacity 550 or 1100 lbs (250 or 500 kg).
See table on page 12



CareLift Management (CLM) module for GH3+

Registering lifting use

The optional CLM module for the GH3+ ceiling hoist provides reliable data about the number and types of lifts over a given period. This data is available as a downloadable text file for use in standard types of spreadsheet software, and as documentation for how the hoist has been used.

The data available includes the number and duration of lifts since the last reset, and the date and time of each. The module registers the number of standard lifts^{x)} over 37 lbs (17 kg) and under 330 lbs (150 kg), and over 330 lbs (150 kg) since the last reset. It also registers both actual and average numbers of lifts over the last 7 days.

Service life documentation

The optional CLM module provides up-to-date information about:

- Number of lifts
- Number of standard lifts^{x)}
- Number of lifts heavier than 330 lbs (150 kg)
- Number of overloads

The module can also be used to provide information about the exact type of hoist being used and to assign a name/ID to each particular lifting module.

^{x)} Standard lifts (1 meter – 187 lbs (85 kg))



Scales module for GH3+

Scales built into the hoist

This optional scales module is ideal for anywhere it is important to monitor changes in users' weight. Each user's weight is clearly and accurately shown in the display on the hand control.

Because the scales module is part of the hoist, it frees up as much as 30 cm (approx. 12 inches) of lifting height compared to solutions where the scales unit is separate.

Having the scales module fully integrated into the actual hoist frees up time and resources, because users can now be weighed at the same time as being lifted and moved.

The scales module is available as an option for the GH3+ ceiling hoist.

Easy to calibrate

The GH3+ scales module is a scales system which provides weighing that is just as accurate as medical-certified scales. The GH3+ scales can be calibrated easily by any technician approved by Guldmann.

Service module for GH3+

Service details at hand

The optional GH3+ Service module provides information that focuses on the service details of the ceiling hoist system, including:

- When the last safety inspection/service was carried out
- When the next scheduled safety inspection/service is due.

The LCD display on the hand control shows when the lifting strap, toothed belt or battery is due for replacement.

The module can be used to vary the desired service intervals between 3-24 months for individual reasons. However, it should be noted that EU regulations stipulate that service is carried out with maximum intervals of 12 months.

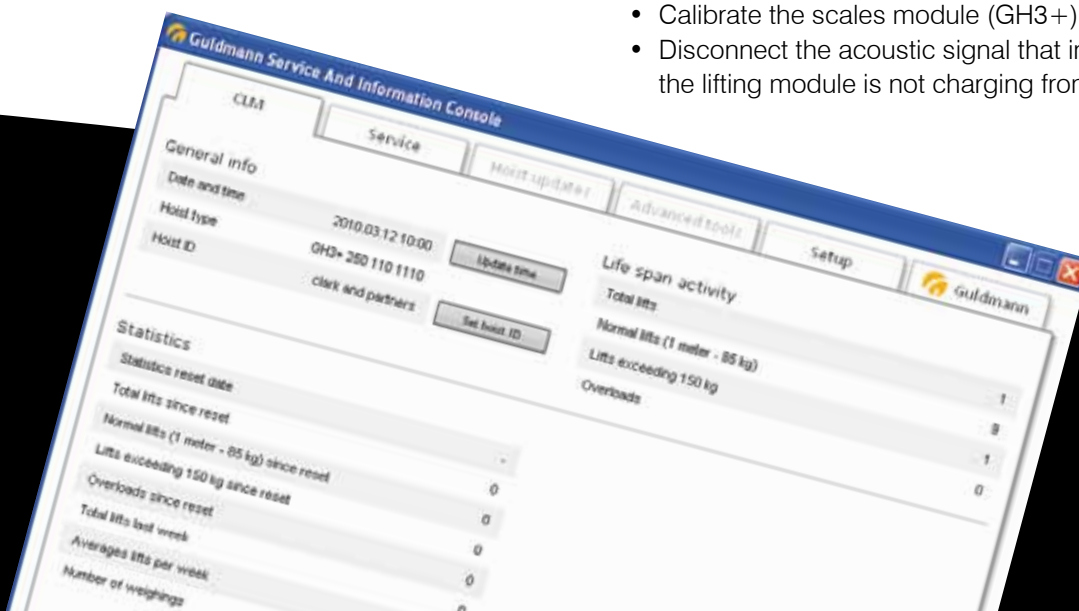
The counter is reset when safety inspections/service are carried out or when specific items are replaced.

Including updates

A visiting Guldmann technician can also carry out a number of updates. Guldmann regularly releases software updates that improve the functionality of the system, and these updates can quickly be uploaded during the annual safety inspection/service.

A visiting technician can also:

- Adjust the lifting speed, if required (GH3+)
- Reset the counter when the lifting strap, toothed belt or battery is replaced
- Calibrate the scales module (GH3+) (if fitted)
- Disconnect the acoustic signal that indicates when the lifting module is not charging from the rail.



GH1 Ceiling hoist system

The GH1 ceiling hoist system makes full use of innovative and robust GH3 technology and its design, functionality and cost-effectiveness. The GH1 ceiling hoist system is intended to meet the full range of day-to-day lifting needs. This makes it ideal for use in private homes, sheltered housing or in care homes. The discreet, classic design of the GH1 system means it takes up very little space.

Just as in the GH3 ceiling hoist system for professional use, the GH1 system enables carers to lift and move users without risking back strain.

GH rail system

The GH1 ceiling hoist system is available with 3 different types of rails, each specially designed for particular spans and lifting weights. Combining these appropriately makes installation an easy, rapid process. In addition to rails for mounting on walls and ceilings, the GH1 system features a free-standing rail system (see illustration on page 18). These rails are easy to adjust in both height and width, providing an ideal way to deal with any temporary need for lifting help. The entire rail system can be set up by 1 or 2 people, with no tools needed. The entire system can be made ready for use – and taken down again – in only 10 minutes.

The GH1 ceiling hoist system differs from its GH3 counterpart in that the lifting module does not recharge while mounted on the rail. Instead, recharging is done by placing the hand control (which is linked to the lifting module by cable) in the GH1 recharging dock, which is connected to a mains power supply. Recharging normally only takes 2-3 hours, and a fully charged GH1 lifting module can cope with normal day-to-day lifting for up to two weeks (based on 55 lifts of 187 lbs (85 kg) each).

Note:

The GH2 F flexible hoist is still available for the GH rail system

GH1 lifting modules

A GH1 lifting module quickly, safely and effectively lifts weights of up to 450 lbs (205 kg). Quicker lifting frees up more time for all-important nursing and caring duties. Raising and lowering is easy and intuitive, using a prize-winning, ergonomically correct hand control.

The GH1 lifting module is fitted with the same lifting hanger used in the GH3 ceiling hoist system. This makes it easy and safe to attach the lifting hanger, and to use the full range of Guldmann lifting slings and other lifting accessories.

The GH1 lifting module fits into all Guldmann rail systems.

Both the lifting module and the rail systems are easy to decorate so that they match or blend into the interior design of the space in which they are used. The GH1 lifting module complies with all relevant standards, and is extremely safe and reliable in use. The module is available in different versions with a maximum safe working load (SWL) of 385 or 450 lbs (175 or 205 kg).



GH1 Lifting module



GH1

Lifting module. User friendly, powerful and fast lifting module for permanent installation and for installation in free-standing rail system. Lifting capacity 385 or 450 lbs (175 or 205 kg).

See table on page 12



GH1 covers

The GH1 lifting module is delivered standard with a choice of 4 different cover designs.

Recharging dock

GH1 lifting module is recharged by placing the hand control in the recharging dock. The hoist is fully charged in 2-3 hours.



GH1 and GH3 Lifting modules

Technical specifications

| GH1 and GH3 Lifting modules, configurations | | | | | | | | | |
|---|--------------|------------|--------------------------|--------------------------|-----------------------------------|---------------|------------|----------------|------------------|
| Guldmann hoist type | Product line | Load in kg | Number of lifting straps | Number of lifting motors | Number of horizontal drive motors | Scales module | CLM module | Service module | User interface |
| GH3 | (x) | xxx | x | x | x | x | x | x | x |
| GH1 | | 175 | 1 | 1 | 0 | | | | |
| | | 205 | 1 | 1 | 0 | | | | |
| GH3 | | 200 | 1 | 1 | 1 | | | | |
| | | 250 | 1 | 1 | 1 | | | | |
| | | 250 | 1 | 1 | 1 | None : 0 | None : 0 | None : 0 | Hand control : 0 |
| | + | 300 | 1 | 2 | 2 | Scales : 1 | CLM : 1 | Service : 1 | Hand control : 0 |
| | | 350 | 1 | 2 | 2 | | | | IR : 1 |
| | Twin | 250 | 2 | 2 | 0 | | | | |
| | | 500 | 2 | 4 | 0 | | | | |

Example: GH3+ 350 122 1000

| | | | | | | | | | |
|-----|---|-----|---|---|---|---|---|---|-------------------------------|
| GH3 | + | 350 | 1 | 2 | 2 | 1 | 0 | 0 | 0 |
| GH3 | + | 350 | 1 | 2 | 2 | 1 | 0 | 0 | 0 |
| | | | | | | | | | Hand control |
| | | | | | | | | | w/o Service module |
| | | | | | | | | | w/o CLM module |
| | | | | | | | | | Scales module |
| | | | | | | | | | 2 horizontal drive motors |
| | | | | | | | | | 2 lifting motors |
| | | | | | | | | | 1 lifting strap |
| | | | | | | | | | Safe Working Load SWL: 350 kg |
| | | | | | | | | | + |
| | | | | | | | | | Ceiling hoist, type GH3 |



Guldmann GH2 and GH3 Ceiling Lift Systems were the first, and at this time the only, to pass testing and receive UL/CSA Certification on the entire system. This will give our customers and users great comfort in knowing that all essential components in a GH2/GH3 system are UL/CSA approved, and that the Guldmann Production facility is inspected multiple times every year.

GH components for rail systems



1
GH rails, A/B/C
 See table on page 19

2
Rail curves
 See table on page 19

3
Traverse trolleys
 Max lifting capacity 880 lbs (400 kg)
 for all types of rails 550076
 Max lifting capacity 1100 lbs (500 kg)
 for all types of rails 550078

4
GH wall bracket end, end-mounted rail
 550451

5
GH wall bracket end, side-mounted rail
 550451

6
GH wall bracket side, side-mounted rail
 550450



GH components for rail systems

7



8



7

Turntable, electric

..... 550663

8

Hand control

Remote control IR

for switch track/turntable/Combi-lock/GH3
..... 935034

with cable

for switch track/turntable..... 935015
for Combi-Lock..... 9350531

wall switch

for switch track/turntable..... 935047
for Combi-Lock..... 9350461

9



9

Switch track, electric

GH Switch track 45° right 550989
GH Switch track 45° left 550990

GH Switch track 60° right
*Consists of 550989 and 550752 both nos.
must be ordered*

GH Switch track 60° left
*Consists of 550990 and 550753 both nos.
must be ordered*

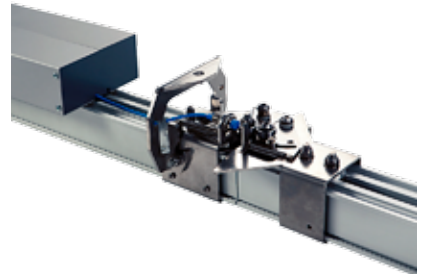
GH Switch track 90° right
*Consists of 550989 and 550750 both nos.
must be ordered*

GH Switch track 90° left
*Consists of 550990 and 550751 both nos.
must be ordered*

10



11



12



10

Drive motor for traverse rail

for traverse B and C rails..... 551110

11

Combi-lock and safety lock

Combi-lock single, manual..... 550621
Combi-lock single, electric..... 550600
Combi-lock double, electric..... 550633

12

Special rail cuts

Cut-out for Combi-lock.
See table on page 19

GH components for rail systems

13



16



19



14



17



15



18



13

GH wall bracket side, end-mounted rail
..... 550450

14

GH plasterboard bracket
..... 550452

15

GH ceiling bracket, standard, for straight rail and curve
..... 550402

16

GH ceiling bracket, standard, for rail joints
..... 550402

17

GH ceiling bracket for rail joints
..... 12448

18

GH ceiling bracket for rail joints
..... 12336

19

GH ceiling bracket, slope lowered
10" length. 550412
20" length. 550413
40" length. 550414
80" length. 550415

GH components for rail systems



20
**GH ceiling bracket, straight lowered,
 for straight rail and curve**
 250 mm length 550404
 500 mm length 550405
 1000 mm length 550406
 2000 mm length 550407



21
**GH ceiling bracket, lowered rod,
 for straight rail and curve**
 250 mm length 550498
 500 mm length 550436
 1000 mm length 550437
 2000 mm length 550438



22
GH stabilizing bracket
 500 mm length 550417
 1000 mm length 550418
 2000 mm length 550419

23
Charging liner connector
 551432

24
Endstop
 12330

GH components for rail systems

25



25

Upright support brackets

White as standard, RAL 9016

| | |
|--|---------|
| without foot | 124841 |
| with low foot (150 mm) | 124801 |
| with high foot (250 mm) | 124811 |
| Guideway for upright support | 1248031 |

Grey is an option, RAL 9006

| | |
|--|---------|
| without foot | 124844 |
| with low foot (150 mm) | 124804 |
| with high foot (250 mm) | 124814 |
| Guideway for upright support | 1248034 |

26



27



28



26

Profile for ceiling

| | |
|-------------------------|--------|
| 3 m, straight | 550284 |
|-------------------------|--------|

For curve (set)

| | |
|---------------|--------|
| 30° | 550280 |
| 45° | 550281 |
| 60° | 550282 |
| 90° | 550283 |

For turntable (set)

| | |
|-----------|--------|
| | 550755 |
|-----------|--------|

27

Profile for ceiling, room covering

| | |
|-------------------------|--------|
| 3 m, straight | 550724 |
|-------------------------|--------|

28

Power supply

| | |
|-----------------------------------|--------|
| Transformer AC, class 1 | 550200 |
|-----------------------------------|--------|

29



30



31



29

Charging liner

| | |
|---------------------|--------|
| 6 m rail | 550425 |
| 10 m rail | 550427 |

30

Side cover

See table on page 19

31

End cover

Grey:

| | |
|------------------|--------|
| Rail A | 550447 |
| Rail B | 550448 |
| Rail C | 550449 |

GH Components for rail systems

32
Free-standing single rail system,
Length and height adjustable
Max capacity 550 lbs (250 kg) . . . 553000



33
Swing Lift II
Max lifting capacity
440 lbs (200 kg), length 2500 mm . . 17200



GL5 mobile lifters

GL5 mobile lifters are the floor-based alternatives to ceiling-mounted lifting and moving systems. They are a key part of Guldmann's overall thinking in providing safe, dependable solutions that are ergonomically sound for the carer to work with, and comfortable and reassuring for the user being lifted.

GL5 mobile lifters move smoothly on castors and are battery-driven. This makes them completely independent of where power sockets happen to be.

These mobile lifters are particularly suitable for use in unexpected, less frequent or one-off lifting situations where there is no ceiling-mounted hoist available, or where ceiling-mounted systems are impossible, impractical or simply not the most cost-effective solution.

High, low and unexpected

GL5 mobile lifters are used for lifting right from floor level and enable the carer to lift even a very tall user in a large sling, with a minimum of effort. They can lift users weighing as much as 450 lbs (205 kg) with considerably greater reach than any other mobile lifter of similar type currently available.

The exceptional lifting height makes it safe and comfortable to lift tall users from very difficult positions – even directly from the floor.

It is easy to adjust the width of the frames to ensure maximum stability, and so that the carer can place the lifter as close as possible to the ideal lifting point.

Easy to use

GL5 mobile lifters make many lifting situations much easier for both users and carers, and can play a big part in preventing back strain or injuries among care staff.

Operating GL5 mobile lifters is easy and intuitive, and they are designed to be strong, fast and safe. They are equipped with an electrical emergency release on a separate circuit (with a mechanical release system as an optional extra), and all the surfaces are easy to keep clean.

They are equipped with a modular battery that ensures a reliable charge, and makes sure GL5 mobile lifters are always ready when needed.



GL5 mobile lifters

The benefits of GL5 mobile lifters include

- Wide span – the user can always be positioned correctly, even in wide beds
- Low lifts, right from floor level
- High lifts, even for tall users in a large sling
- Versatile – with the correct type of sling, a GL5 mobile lifter can be used to meet virtually all lifting needs.



GL5

Mobile lifter with electric width adjustment.
Max lifting capacity 340 or 450 lbs
(155 or 205 kg)
See table on page 22



Technical specifications

| | GL5 155 | GL5 205 |
|--|------------------|------------------|
| FUNCTIONS | | |
| Max lifting capacity | 340 lbs (155 kg) | 450 lbs (205 kg) |
| Lifting speed with 85 kg load, mm/min | 2160 | 2160 |
| Actuator | electric | electric |
| Width adjustment | electric | electric |
| Hand control | Guldmann | Guldmann |
| SAFETY MEASURES | | |
| Emergency stop | yes | yes |
| Emergency lowering, electric | yes | yes |
| Emergency lowering, manual | option | option |
| Cut-out system | yes | yes |
| ELECTRICAL PARTS | | |
| On/Off | automatic | automatic |
| Power consumption, VA | 180 | 180 |
| Periodic load, minutes work/pause | 2/18 | 2/18 |
| Batteries, sealed and maintenance free, V/Ah | 24/4,2 | 24/4,2 |
| Battery protection: Switches off automatically when voltage goes too low | yes | yes |
| Low battery warning: Light indicator flash | yes | yes |
| Charger, fully automatic switch mode 230/115 volt | yes | yes |
| Charging time, max hours | 8 | 8 |
| OTHER FEATURES | | |
| Protective covering on legs | yes | yes |
| Castors, mm | 80/100 | 80/100 |
| Lifting hanger | not included | not included |

| | GL5 155 | GL5 205 |
|--|---------|---------|
| 340 lbs (155 kg) with 100 mm castors, electrical emergency lowering | 553690 | |
| 340 lbs (155 kg) with 80 mm castors, electrical emergency lowering | 553694 | |
| 340 lbs (155 kg) with 100 mm castors, electrical and manual emergency lowering | 553692 | |
| 340 lbs (155 kg) with 80 mm castors, electrical and manual emergency lowering | 553696 | |
| 450 lbs (205 kg) with 100 mm castors, electrical emergency lowering | | 553600 |
| 450 lbs (205 kg) with 80 mm castors, electrical emergency lowering | | 553693 |
| 450 lbs (205 kg) with 100 mm castors, electrical and manual emergency lowering | | 553691 |
| 450 lbs (205 kg) with 80 mm castors, electrical and manual emergency lowering | | 553695 |



Slings and lifting accessories

Slings and other lifting accessories are a key part of the extensive range of Guldmann equipment for lifting, moving and positioning people.

Specially designed slings make it easy, practical and quick for the carer to support the user while being lifted and moved from one point to another, as well as ensuring that the carer can undertake such operations with a minimum of effort and strain.

All Guldmann slings are designed for use with both mobile and ceiling hoist systems, and are ideal for moving people to and from beds and wheelchairs, as well as in sitting and lying positions, as required.

Disposable Slings

Many Guldmann sling styles are also available as Disposable slings, providing the same comfort and safety, with the added value of convenience and improved infection control.

Special Guldmann sling designs are available for lifting and moving users with

- different abilities to participate actively
- different degrees of body control and muscular strength
- different degrees of mobility
- single and double amputations
- special needs

and for both adults and children of many different sizes and weights.

They can also be used as integral parts of training and activity programmes for users. All Guldmann slings are easily washable, to help ensure the best possible hygiene.

Accessories

In addition to slings, Guldmann provides a wide range of specially designed lifting accessories for helping both the user and carer ensure greater mobility with less effort. At the same time, they allow the carer to provide the best possible assistance, while working in ergonomically correct positions.



Slings



1. Colored loops

The colored loops ensure symmetry in the lift

2. Material

Dirt repellent polyester characterized by its strength and elasticity

3. Padding on legs

All slings with divided leg supports have inset foam pads on legs.
Easier to put on
– smoother on skin

4. Center of sling indicator

5. Information-label

Indicates all that the carer needs to know

6. Label with size indication

Makes it easy and simple to find the correct size of sling

7. Padding in back section

For added comfort on models with small back surface

8. Auxiliary straps

It is possible to use auxiliary straps

9. Positioning pocket

All Basic slings are provided with a pocket to ease correct positioning of sling

Fit

Improved fit and more sizes to choose from for added comfort and safety

Strength

Max. capacity increased to 560/1100 lbs (255/500 kg)

Washing

Easy handling, the sling can be washed at 176° F and tumble-dried

CE

Slings



1
Trainer

Function
Provides support around the chest and shoulder areas. Detachable leg straps give support around the hip area and prevent the user from sliding out of the sling.

Suitable for
• persons with reduced body balance, but must be able to bear weight on their legs
• walking training • supported standing and upright postures.

..... 2830xx

2
Micro

Function
Supports the upper part of the body (from upper pelvis till under the shoulders) around the chest and upper thigh. The belt has a re-tightening function if necessary to adjust the support around the body.

Suitable for
• lifting persons with head control, but with reduced muscular strength of upper part of the body and above hip joint and thighbone
• in situations where the sling should be put on and taken off easily
• lifting to and from seated position
• in certain situations also lifting to and from a half-lying position together with Guldmann head support
• situations where a large opening at the bottom is required, such as access for toileting and hygiene.

XS-XXL..... 2840xx

Slings

3



4



5



3

Basic Basic

Function

Supports the whole body excluding the head.

Suitable for

- lifting persons with head control and with or without body control
- lifting to and from a seated or half-seated position (bed and wheelchair etc)
- lifting and transfers from all patient furniture surfaces.

..... 270xxx

4

Basic Low

Function

Supports the body up to shoulder height.

Suitable for

- lifting persons with head and body control
- lifting to and from a seated position, (chair and bed etc.)
- lifting and transfers from all patient furniture surfaces.

..... 271xxx

5

Basic High

Function

Supports the whole body including the head.

Suitable for

- lifting persons with little control over their head and body
- lifting to and from a lying position (bed and floor etc.)
- lifting to and from a seated position
- lifting and transfers from all patient furniture surfaces and the floor.

..... 272xxx

Slings



6
Sit-On

Function
Supports the thighbone and back. The user sits on the sling. Added bands fixed across the opening at each side of the sling prevent the user from falling out sideways. Not suitable for persons with pressure sore problems.

Suitable for
• persons who remain on the sling for long periods due to high weight or customized wheelchair.

Other features
• helps reduce the risk of sliding out of wheelchair • material prevents heat generation between body and sling • sling is fitted on the person while lying, but is used when lifting to and from a seated position in bed or wheelchair.
..... 2910xx

7
Sit-On High

Function
Supports the thighbone, back and head. The user sits on the sling. Added bands fixed across the opening at each side of the sling prevent the user from falling out sideways. Not suitable for persons with pressure sore problems.

Suitable for
• persons who remain on the sling for long periods due to high weight or customized wheelchair.

Other features
• helps reduce the risk of sliding out of wheelchair • material prevents heat generation between body and sling • sling is fitted on the person while lying, and is used when lifting to and from a lying position.
..... 2920xx

8
Amputee

Function
Supports the whole body up to shoulder height and the pelvis region.

Suitable for
• lifting both single and double (above knee joint) amputees • lifting double and high amputees • lifting from a lying position. Head support should be used to support head.

..... 2900xx

Slings Kids

9



10



9

Basic Basic

Function

Supports the whole body excluding the head. The inside belt offers an extra support of the body.

Suitable for

- lifting persons with head control and with or without body control
- lifting to and from a seated or half-seated position (bed and wheelchair etc.).

..... 270xxx

10

Basic High

Function

Supports the whole body including the head. The inside belt offers an extra support of the body.

Suitable for

- lifting persons with little control over their head and body
- lifting to and from a lying position (bed, changing bench and floor etc.)
- lifting to and from a seated position.

..... 272xxx

Slings

11



11

Leg sling

Used when legs need lifting and support. Possible activities are dressing, apply therapeutic sock/hose, access to hygiene, support of leg to apply ROM devices. Packed in boxes of 10 slings.

..... 28650

12



12

Repositioning sling, 1100 lbs (500 kg)

A sling for use as part of the linen make-up of the patient bed; leave positioned underneath patient, ready to use for care tasks. Suitable for: rolling to sidelying, repositioning patient up in bed, sitting forward head and trunk, supine lateral transfers to another surface such as beds + stretchers, and full lift in supine off of bed to zero bed scale, stripe linen, or other. Packed in boxes of 10 slings.

..... 28465

13



14



13

Turner

Enables placing of sling under patient without having to roll or move them. Smaller surface area of material for this sling allows access to patient's skin for inspection, treatment and care.

..... 28700

14

Twin Turner

Makes it possible to roll a patient on both sides without removing the sling. Enables placing of sling under patients without having to roll or move them. Smaller surface area of material for this sling allows access to patient's skin for inspection, treatment and care.

Regular 28750

Large 28751

Slings

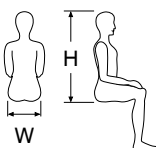
| Size | | Kids | Kids | Kids | XS | S | M | L | XL | XXL | XXXL |
|-------------|-----------|--------|--------|---------|--------|--------|--------|--------|--------|--------|----------------------|
| | | 4 - 6 | 6 - 10 | 10 - 14 | | | | | | | |
| Micro | polyester | | | | 284031 | 284041 | 284051 | 284061 | 284071 | 284081 | |
| Trainer | polyester | 283101 | 283111 | 283121 | 283031 | 283041 | 283051 | 283061 | 283071 | 283081 | |
| Basic Basic | polyester | 270001 | 270011 | 270021 | 270031 | 270041 | 270051 | 270061 | 270071 | 270081 | 270091 ^{x)} |
| Basic Basic | net | 270102 | 270112 | 270122 | 270132 | 270142 | 270152 | 270162 | 270172 | 270182 | |
| Basic Low | polyester | | | | 271031 | 271041 | 271051 | 271061 | 271071 | 271081 | |
| Basic Low | net | | | | 271132 | 271142 | 271152 | 271162 | 271172 | 271182 | |
| Basic High | polyester | 272001 | 272011 | 272021 | 272031 | 272041 | 272051 | 272061 | 272071 | 272081 | 272091 ^{x)} |
| Basic High | net | 272102 | 272112 | 272122 | 272132 | 272142 | 272152 | 272162 | 272172 | 272182 | |
| Amputee | polyester | | | | | 290041 | 290051 | 290061 | 290071 | | |

| Size | | Kids | Slim | Standard | Wide |
|-------------|-----|--------|--------|----------|--------|
| Sit-On | net | 291021 | 291041 | 291061 | 291081 |
| Sit-On High | net | 292021 | 252041 | 292061 | 292081 |

Max lifting capacity for all Guldmann slings: 560 lbs (255 kg)

x) Basic Basic and Basic High XXXL can lift up to 1100 lbs (500 kg)

Guidelines on choosing the size of a sling

| | | Kids | Kids | Kids | XS | S | M | L | XL | XXL | XXXL |
|---|---|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| | | 4 - 6 | 6 - 10 | 10 - 14 | | | | | | | |
|  | H | 45 - 60 | 55 - 70 | 68 - 80 | 75 - 82 | 80 - 87 | 85 - 92 | 90 - 97 | 95 - 102 | 95 - 102 | 95 - 102 |
| | W | 25 - 30 | 28 - 35 | 33 - 38 | 33 - 37 | 36 - 40 | 39 - 43 | 42 - 45 | 45 - 49 | 48 - 52 | 54 - 58 |

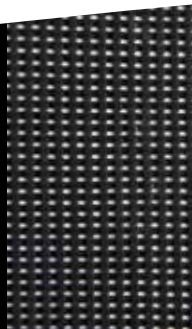
Materials



Special woven polypropylene



Polyester



Net Polyester



The coloured loops ensure symmetry in the lift and at the same time ease the communication in connection with the lift.

Disposable slings



Disposable High II, 450 lbs (205 kg)

Function

Supports the whole body including the head. This is a single patient use sling that tolerates water – dispose after discharge. Beneficial for infection control program. Same design as Guldman Basic High sling.

Suitable for

Lifting persons without head and body control • lifting to and from a lying position (bed, floor, etc) • lifting to and from a seated position.

Packed in boxes of 10 slings.

Material

Polypropylene – special woven

| | |
|--------|--------|
| M/L | 283661 |
| L/XL | 283671 |
| XL/XXL | 283681 |

Disposable High Bariatric, 770 lbs (350 kg)

Function

Supports the whole body including the head. This is a single patient use sling that tolerates water – dispose after discharge. Beneficial for infection control program. Same design as Guldman Basic High sling.

Suitable for

Lifting persons without head and body control • lifting to and from a lying position (bed, floor, etc) • lifting to and from a seated position.

Packed in boxes of 10 slings.

Material

Polyester / cotton

| | |
|----------|--------|
| L/XL | 283672 |
| XL/XXL | 283682 |
| XXL/XXXL | 283692 |

Disposable slings



2
**Disposable
 Repositioning sling, 1100 lbs (500 kg)**

Function
 A sling for use as part of the linen make-up of the patient bed; leave positioned underneath patient, ready to use for care tasks. This is a single patient use sling that tolerates water – dispose after discharge. Beneficial for infection control program. Same design as Guldmann Repositioning sling.

Suitable for
 Rolling to sidelying, repositioning patient up in bed, sitting forward head and trunk, supine lateral transfers to another surface such as beds + stretchers, and full lift in supine off of bed to zero bed scale, change linen, or other.
Packed in boxes of 10 slings.

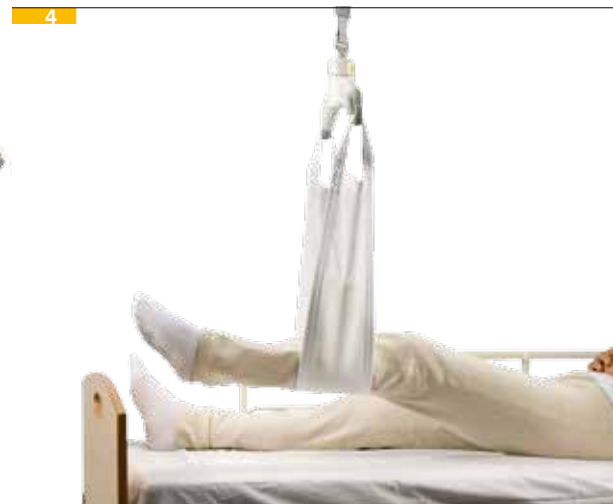
Material
 Polyester – special woven
 284655



3
**Disposable
 Twin Turner II**

Function
 To be used when turning a user into lateral position. This is a single patient use sling that tolerates water. Enables placing of sling under the patient without having to roll or move them. Smaller surface area of material for this sling allows access to patient's skin for inspection, treatment and care. Same design as Guldmann Turner.
Packed in boxes of 10 slings.

Material
 Polypropylene – special woven
 Regular 287501
 Large 287511



4
**Disposable
 Leg sling II**

Function
 Used when legs need lifting and support. Possible activities are dressing, apply therapeutic sock/hose, access to hygiene, support of leg to apply ROM devices. Dispose after discharge. Beneficial for infection control program. Same design as Guldmann Leg sling.
Packed in boxes of 10 slings.

Material
 Polypropylene – special woven
 286501

A variety of applications within moving and handling



Hospitals

- All care areas
- Radiology
- Emergency
- Operating Room

Nursing homes

Private homes

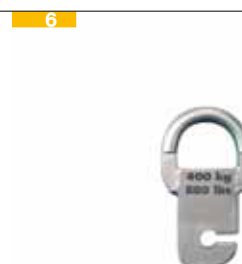
Rehabilitation

Aquatic therapy

- Pools
 - Water sports
 - Indoor & Outdoor
- #### *Equestrian centers*



Lifting accessories



1
GH Lifting hanger, medium
770 lbs (350 kg)
 Suitable for persons using a lifting sling
 in sizes M-XXXL.
 550316

2
GH Lifting hanger, small
770 lbs (350 kg)
 Suitable for persons using a lifting sling in
 sizes XS and S.
 550057

3
GH Lifting hanger, x-small
770 lbs (350 kg)
 Suitable for persons using a lifting sling
 in sizes Kids and XS.
 550058

4
GH Cross hanger, 1100 lbs (500 kg)
 Suitable when larger spacing between back
 and leg straps of the lifting sling is required.
 To be used when lifting with GH3+ and
 GH3 Twin ceiling hoist.
 550444
 Connecting bar for GH3 Twin
 1100 lbs (500 kg)
 550544

5
H Hanger, 770 lbs (350 kg), GH3
 Suitable when lifting persons where a large
 spacing between back and leg straps of
 the lifting sling is required. E.g. when lifting
 persons with a large abdomen/ stomach.
 The H hanger is available with side hangers
 in 3 different sizes.
 H Hanger – Centre hanger 550443
 (Consists of 1 hanger 550316 and 2 Swing
 kit 550446)
*Note: In addition you need to order
 2 hangers of either x-small (550058),
 small (550057) or standard (550316)*

6
Swing kit
 550446

Lifting accessories



6

**Horizontal lifter, foldable
550 lbs (250 kg)**

Suitable when a horizontal and stable lift is required, with weight adjustment. To be used with GH3. Can be used with either a complete lifting sheet or straps

- 28445
- Lifting sheet..... 284485
- Set of lifting straps..... 28448



7

**Horizontal lifter, foldable
550 lbs (250 kg)
2 strap version**

Suitable when a horizontal and stable lift is required, with weight adjustment. To be used with GH3 Twin. Can be used with either a complete lifting sheet or straps

- 28444
- Lifting sheet..... 284485
- Set of lifting straps..... 28448

8

Trolley for horizontal lifter

- 28443



Lifting accessories

9



10



11



12



13



9

**Horizontal lifting support
770 lbs (350 kg)**

Horizontal lifting support with 5 different lifting positions. Can be used with GH3 ceiling hoists or with Guldmann mobile lifter.

- 28466
- Horizontal sling size M 28462
- Horizontal sling size XL 28463

10

**Horizontal lifting support
770 lbs (350 kg)**

Horizontal lifting support with infinitely variable weight adjustment. Can be used with GH3 ceiling hoists or with Guldmann mobile lifter.

- 28456
- Horizontal sling size M 28462
- Horizontal sling size XL 28463

11

**Bath chair – rustproof
330 lbs (150 kg)**

Suitable when a stable lift into a swimming pool is required. 14600

12

**Bath stretcher – rustproof
330 lbs (150 kg)**

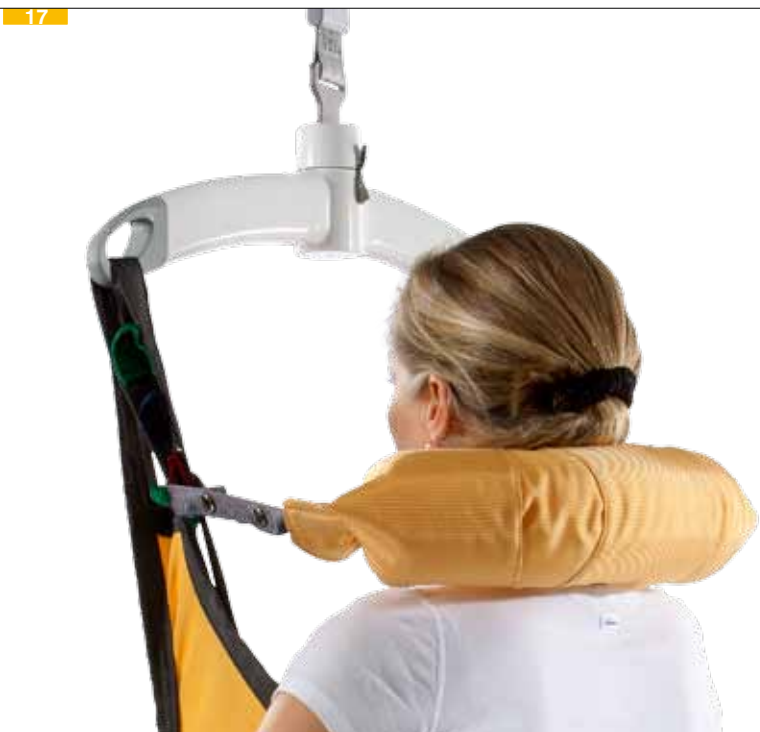
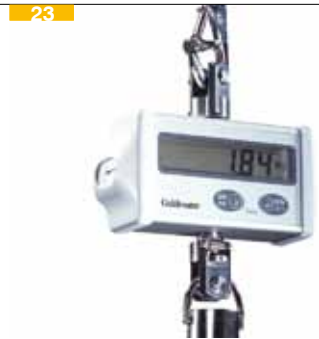
Suitable when a stable and horizontal lift into a swimming pool is required. ... 14610

13

Horizontal lifter BS, 330 lbs (150 kg)

A horizontal lifter especially developed and designed to overcome the many moving and handling challenges that mortuary staff faces every day. 28425

Lifting accessories



14
Digital scale
 Battery operated digital scale.
 Max lifting capacity 700 lbs (320 kg).
 Approved for medical use.
 11346
 Max lifting capacity
 550 lbs (250 kg) 113461

15
Parking space for GH3 lifting hanger
 550531

16
Turning disc
 Allows a standing person to be rotated to correct position by eliminating the jerking movements that put stress on weak limbs and joints.
 50010

17
Head support
 Supports the head without stimulating the neck reflexes. Suitable for persons with no head control. 28325

Fixed, flexible or mobile?

Guldmann can meet virtually all your needs for ways to lift, move and position people.

The question is which one is best for you and your particular carer/user environment.

There are lots of variables – and the upfront purchase price is often one of the lightweight ones. The time a carer spends finding, retrieving and preparing a mobile lifter ready for use costs money – and it usually also means less direct personal care is available to the user.

To help you balance the costs, the savings and the benefits, Guldmann provides easy-to-use ways to help you see for yourself which solution – or combination of solutions – is the best buy for you.

Guldmann experts are the people to talk to when you have needs you want met.

Weigh up the pros and cons

- **How many lifts are needed each day?**
- **How long does each lifting operation take?**
- **How many carers are available?**
- **What are the rules about carers' working environment?**
- **Does the lifting module or hoist need to be available all the time?**
- **Does the lifting module or hoist need to be available everywhere?**

Guldmann expertise and experience can guide you to the best possible combination of the best lifting and moving equipment.



Beds

– *Comfortable, practical and multi-adjustable*

Guldmann care beds are built to provide user with maximum comfort as well as effective care. They feature a practical, ergonomically correct design that saves time, work and effort for all carers and other staff groups. They are also easy to move, service and clean effectively.

Multi-adjustable, practical

The beds are fully adjustable in height, and the four different sections of the bed base can be combined into a vast range of positions. Electric motors are available to adjust each section independently, for maximum comfort and the most effective care. The hand control can be operated by either the bed user or a carer, and the lifting mechanism is smooth and virtually silent.

Guldmann care beds take up as little space as possible, and are easy to adjust and move around. This helps reduce stresses and strains by enabling the carer to work in the most appropriate position at all times.

If needed, bed guard rails can be mounted on the frame itself, keeping the overall width of the bed to a minimum.

Well-designed

Every design detail in these beds has been carefully considered to improve the user's comfort and keep carers' work to a minimum. The bed frames are free of fittings and brackets, all operating handles are placed so that they are easy to get at, and adjusting or servicing these beds requires no tools of any kind.

Maximum comfort

The bed base design makes a very noticeable difference to user comfort. The back and thigh sections are mounted in a special "floating" fixture. This means that when the back section is raised, the back and thigh sections move, making the sitting section 120 mm longer. For the user, this means more sitting room, and less pressure being exerted on the stomach area when the bed is raised.

This extra room also means this bed is ideally suited for use with mattresses that are thicker than normal. The thigh section of the bed base rises before the back section moves, helping to make sure the user does not slide down the bed.

Room for even the tallest

The back section on the newly designed bed base is 60 mm longer than previously, and the bed base has a built-in extension to provide greater comfort for taller users.



Beds

A bed guard extension can be mounted on the bed guards so that it follows their movements. This extension is available as an optional extra.

Easy to operate and adjust

All the bed base sections on the Guldmann care bed are equipped with motors as standard equipment. Adjusting the bed or fitting extra equipment does not require tools.

More stable

The bed has been made even more safe and stable by making the base longer, by redesigning/improving all the joints and by designing the lifting device so that it slides in precision-machined channels made of aluminium. The bed is easy to dismantle, but this has no effect on its safety and stability.

Easy to transport

The bed is easy to dismantle without tools. It can be dismantled into six separate sections, each weighing less than 55 lbs (25 kg). This makes it particularly easy to move the bed from one location to another.

Choice of lifting speeds

The Guldmann care bed is available in two versions, with two different lifting speeds.

Robust new bed guards

The newly designed bed guards for the Guldmann care bed are particularly robust. They cannot be mounted incorrectly, and they are visually more appealing than the previous model.

The new bed guards can also be fitted to existing Guldmann and Flexus care beds.



1 GB4 Care bed

Care bed with 4 motors with detachable head/foot boards. The bed is prepared for steel bed guards.

..... 552450

Accessories for bed



1
GB4 Care bed, wood
 GB4 Care bed + 553833 wooden head/foot
 boards and wooden bed guards

2
Bed guard, steel – standard
 right 553739
 left 553738

3
Bed guard, steel – height extension
 553861

4
Bed guard, steel – length extension
 553813

5
Support handle
 4478

6
Head support
 553876

Accessories for bed



7
Bedside table
right/left 685



8
Lifting pole
max 200 lbs (75 kg)..... 4325-3

Accessories for bed



9
Mattress
 82 x 196 x 13 cm, Multi flex 9158
 82 x 196 x 12 cm, cold foam 9183

10
Mattress extension
 82 x 20 x 13 cm,
 for Multi flex mattress 9157
 82 x 20 x 12 cm,
 for cold foam mattress 9189

11
Mattress cover
 Cotton 9187
 Incontinence 9188



12
Cover for steel bed guard
 GB4 standard bed guard 553800
 GB4 bed guard
 with height extension. 553801

13
Cover for wooden bed guard
 GB4 wooden bed guard and
 GB4 standard bed guard
 with length extension. 43710

14
Fender wheel
 horizontal 6178
 vertical 446200



15
Bed trolley
 1050

16
Bed guard side table
 553862

17
Bed guard cover, yellow
 553863

Technical specifications

| | | Care bed GB4 |
|--|--|------------------|
| SWL | | 528 lbs (240 kg) |
| Max user weight | | 440 lbs (200 kg) |
| Lifting motor, electrical | | yes |
| Back section motor, electrical | | yes |
| Leg section motor, electrical | | yes |
| Thigh section motor, electrical | | yes |
| Central brake system | | yes |
| Width, mattress size | | 82/90 cm |
| Standard head/foot boards prepared for steel bed guard | | yes |
| Wooden head/foot boards with wooden bed guards | | option |
| Overload protection | | yes |
| Battery backup | | option |
| Hand control with lock-out | | option |
| Bed guards, steel | | not included |



Guldmann Consulting – Information and training

Experience matters

Practical, hands-on work and training has been a top priority for Guldmann for over two decades. We strive to share this accumulated knowledge and experience with our partners. Collaboration with our partners assists Guldmann to develop new and improved features and uses for our technology and services so that we can pass advancements on to you.

Know-how pays off

It makes sense for organizations to want to get the most benefit from their investment. Ensuring the most benefit comes down to knowledge. The better that carers know their lifting and handling equipment, the better the outcomes for users, staff, and the organization. 'Knowing' the equipment means everything from familiarity with product features and uses, understanding when and how equipment should be used, to the staff responsibility for promoting a healthy moving and lifting environment in the workplace.

An excellent level of such competency throughout an organization, results in less work-related stress and strain; which cuts injury leave and illness, providing a measurable reduction in total staffing costs. An investment in knowledge and training pays off.

Guldmann Consulting

Guldmann Consulting provide a broad range of services within three different fields:

- Ergonomics
- Health promotion
- Human Resources

Our services include training programmes, seminars, lectures, project assistance, counselling, analysis and evaluations.

One of our most popular services is the CLM Programme.

CareLift Management

Guldmann Consulting information and training activities are built around a carefully structured concept entitled CareLift Management (CLM).

This has been planned, developed and fine-tuned with the help of professional care staff and other experts throughout the health care sector.

The benefits of this Guldmann CLM programme are now available to customers and working partners throughout the world.

Guldmann Consulting provides courses, seminars and theme events tailored to the practical needs of those taking part. These sessions focus on the whole range of current issues relating to efficient handling and lifting procedures, the work environment and reducing work-related stress and strain.

■ ***“Guldmann provides every level of education and training that health care organizations require for meeting and managing lifting and handling needs”***



Services

CLM certification

The Guldmann CareLift Management (CLM) programme is structured into two levels:

- **CareLift Management BASIC** is a full day of learning incorporating both classroom lecture and hands-on practice with the organization's lifting and handling equipment. A key focus is awareness of and need to change work habits and routines. CLM BASIC is designed to provide large amount of staff with exposure to current concepts of lifting and handling and familiarity with how to properly perform lifting and handling tasks utilizing their organization's equipment.
- **CareLift Management ADVANCED** is two full days of learning, designed to educate a smaller focused team of an organization's staff to be key individuals to coordinate, manage, and drive the safe lifting and handling program at their site. Team members learn how to influence others, provide feedback, and organize their group's work. CLM ADVANCED incorporates classroom, team activities, and hands-on practice.

These two courses together help improve general attitudes to lifting and handling procedures, and the benefits these can provide for the carer's working environment and for the care that the user can receive.

Service technicians

For service technicians, the overall training programme is divided into three separate programmes: mobile hoists, ceiling hoists and care beds.

Guldmann certification helps ensure both the carer and the user full benefit from Guldmann lifting and moving equipment that works exactly as intended – at all times.

Guldmann certified technical training

Guldmann also makes sure the skills of both its own staff and those of Guldmann working partners are always fully up to date, documented and on a par with the best in the world. All Guldmann installers and service technicians must successfully complete the in-house Guldmann training programme. This features:

- instruction in the overall Guldmann values and "Time to care" mindset
- both theoretical and practical training in Guldmann's own set-up labs in either Denmark or the USA.

Installers

The in-house training programmes for installers are based on proven proficiency: they must pass the basic level before commencing any advanced certification programmes.





| Time to care |

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

Guldmann Inc.
5525 Johns Road
Suite 905
Tampa, FL 33634
Tel. 800 664 8834
Tel. 813 880 0619
Fax 813 880 9558
info@guldmann.net
www.guldmann.net

Guldmann cannot be held responsible for errors or misprints



© Guldmann US-171003/11

Guldmann™