



GB GH drive motor for traverse rail, hybrid

Appendix to GH3 manual Item No. 550216
Vers. 1.00



Guldmann™

GB **GH drive motor for traverse rail, hybrid**

Item no.

552674 – GH drive motor for traverse rail, hybrid

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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**Application and use**

A full room-covering rail system with drive motor on traverse rail and lifting module allows the user to move around the rail system unaided.

This system is operated using the IR remote control.

Figure 1. The lifting module moves along the traverse rail

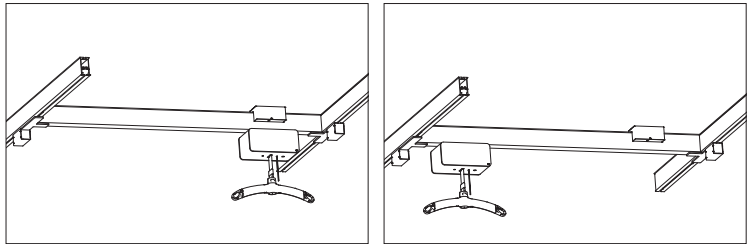
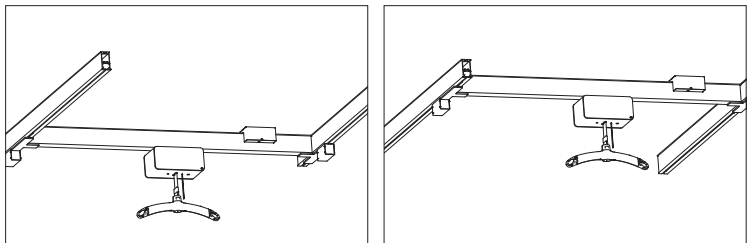


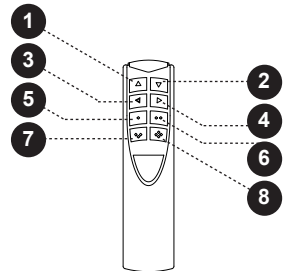
Figure 2. The traverse rail moves along the parallel rails



IR remote control

The infrared IR remote control communicates with the IR receiver in the lifting module and drive motor for the traverse rail. This allows the carer or user to control the lifting module and traverse rail remotely.

- 1 Lift
- 2 Lower
- 3-4 Horizontal drive motor (lifting module)
- 5-6 Potential activation of Combi-Lock or similar.
- 7-8 Activation of drive motor for traverse rail



For programming and installation of the IR remote control, please refer to the manual: "IR remote control".

2.00 Service and lifespan

2.01 Lifespan

The drive motor for the traverse rail has an expected lifespan of 15 years, provided that it is used correctly and the correct service inspections are carried out, see section 2.02.

Replacement of components

Replacement of batteries, the motor and PCBs should be performed by a certified service technician or the Guldmann Service Team.

2.02 Safety/service inspections

In accordance with the international standard EN/ISO 10535 "Hoist for the transfer of disabled persons – Requirements and test methods", a safety inspection **should** be carried out for the lifting module and rail system at least once a year.

Guldmann recommends that regular safety/service inspections are performed once a year. Safety/service inspections of the drive motor for the traverse rail should be performed by the Guldmann Service Team or a certified service technician in accordance with EN/ISO 10535.

Guldmann may offer a safety/service agreement covering these inspections when you purchase the GH drive motor for traverse rails. During the safety/service inspection a report must be prepared detailing what has been checked and replaced. Parts that are worn or defective must be replaced with original spare parts from Guldmann. Spare parts drawings and documentation can be obtained from the Guldmann Service Team.

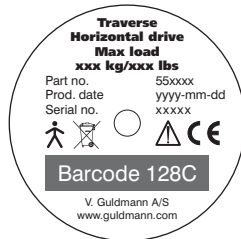
2.03**Troubleshooting**

Drive motor for traverse rail does not react when IR remote control buttons 7 and 8 are pressed.

1. Check that the green power indicator is illuminated on the transformer.
2. Check that there is power to the IR remote control.
3. Contact the Guldmann Service Team.

The lifting module does not move horizontally when IR remote control buttons 3 and 4 are pressed.

1. Check that the IR remote control has power.
2. Check that the green light on the lifting module is illuminated by pressing a random button on the hand control unit.
3. Contact the Guldmann Service Team.

3.00**Classification****Serial number label**

Item number/model

552674 – GH drive motor for traverse rail, hybrid

Function

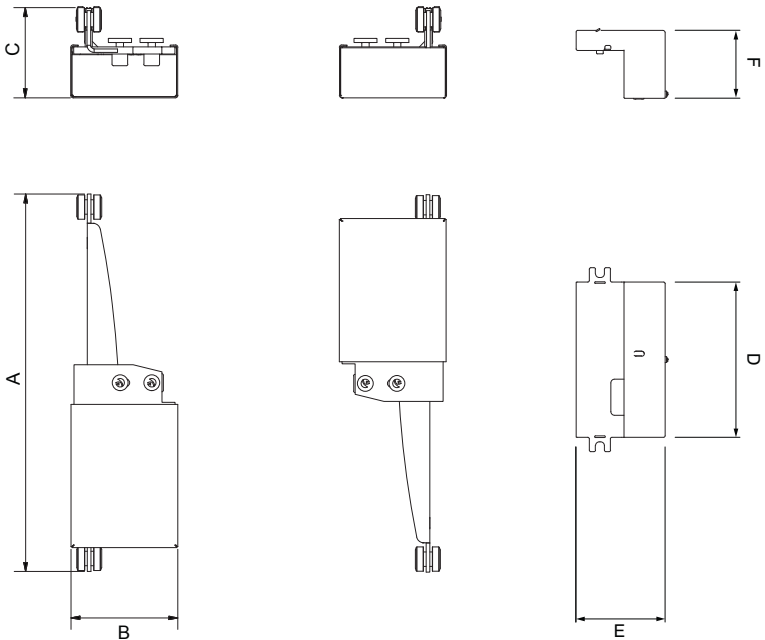
Use Guldmann room-covering rail system (A, B and C rails)
 Operation IR remote control
 SWL 250 kg
 Horizontal speed adjustable up to 240 mm/sec

Weight and materials

Own weight 15,7 kg
 Casing anodized aluminium

Measurements for traverse trolley and battery box

A	523 mm
B	148 mm
C	125 mm
D	200 mm
E	120 mm
F	90 mm



Electronics

On/off	Automatic upon activation
Motor's maximum power consumption	2 x 24 V DC, 50 W
Periodic load (operation/pause).	20/80
Power supply	33 V AC, 2.5 A
Supply voltage, transformer	115/230 V AC
Battery	1 x 24 V NiMH, 2.8 Ah

Protection class

IR remote control	IP 30
Transformer	IP 20
Traverse trolley	IP 20
Battery box.	IP 20

Compatibility

The GH drive motor for traverse rail, hybrid should only be used with Guldmann rail systems with A, B and C rails.

Accessories/miscellaneous

Receiver	internally fitted with connectors
IR remote control	with batteries
Range	4-10 metres
Spread	approximately 25 degrees

5.00 EC Declaration of conformity

The products are manufactured in compliance with the Council Directive 93/42/EEC of 14 June 1993 – with amendments, as medical device class 1.

..... **USA 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.

| Time to care |

V. Guldmann A/S

Corporate Office:
Graham Bells Vej 21-23A
DK-8200 Århus N
Tlf. +45 8741 3100
Fax +45 8741 3131
info@guldmann.com
www.guldmann.dk

Guldmann Inc.

14401 McCormick Drive,
Unit A
Tampa, FL 33626
Tel. 800 664 8834
Tel. 813 880 0619
Fax 813 880 9558
info@guldmann.net
www.guldmann.net