

GBGuldmann Service and Information Consol v. 1.20

Vers. 4



Guldmann Service and Information Consol

Item nos: 550640

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Program installation

Run the installation wizard.



GuldmannSIC_ver_1_2.exe Setup.exe Macrovision Corporation

Options:

If you are a normal user, select the "Assistant" option.

If you are a certified Guldmann technician, select the "Technician" installation option to obtain access to the advanced program options. This option requires a special activation code. Contact Guldmann to obtain the activation code.

Guldmann Service and Informa	tion Console - InstallS	hield Wizard		
Options				
	Click the type of setup you Assistant Technician	prefer.	-Description Assistant	
InstallShield	< <u>B</u>	ack <u>N</u> ext>		Cancel

2.0 Running the program for the first time

2.1 Install USB driver

Before you run the program for the first time you will need to install the USB cable driver.

- 1. Connect the connection cable to the computer.
- 2. Locate the USB driver in the program folder: \Guldmann\Guldmann Service and Information Console\Drivers.
- 3. Follow the instructions on the screen.

2.2 Connecting the hoist

1. Connect the hoist to the computer by means of the connection cable, Guldmann part number 550641.



- 2. Turn on hoist by pushing the hoist's hand control.
- 3. Run the Guldmann Service and Information Console program.
- 4. Select setup and then select
- a. Units (Kilogram or Lbs)
- b. Serial COM port (select from drop down list)

5. After connection the program is ready to use.

🛜 Guldmann Service A	and Information Conso	le			
CLM	Service	Hoist updates	Advanced tools	Setup	🧑 Guldmann
Set units					
	kilogram 🔽				
Serial port					
	СОМ1				
Contacting hoist				Hoist S/N:	

Depending on the installation type, different functions will be available

Available functions

Function	Technician	Assistant
CLM	(√)	(√)
Service	\checkmark	(√)
Hoist updates	√	
Advanced tools	√	
Setup	\checkmark	\checkmark

 $(\sqrt{})$, depending on hoist configuration.

3.0 CLM module

The CLM module is only available if the connected hoist is equipped with the CLM module functionality.

3.1 General information

Update time

This button sets the hoist time and date, to the current PC time and date. Hoist time and date is used for the registration of lifts.

Set hoist ID

This button makes it possible to change the hoist ID. The hoist ID is displayed on the hand control.

3.2 Life span activity

These counters summarize information about the use of the hoist, since the first installation.

3.3 Statistics

These counters show information regarding the use of the hoist, since the last reset of these counters. See below

Reset Statistics

This button resets all statistic counters to 0. The CLM log is not changed.

Download CLM log

This button starts downloading of the hoist CLM log data. The log is stored in the Guldmann Service and Information Console program folder.

,	Guldmann Service A	nd Information Cons	ole		
	СІМ	Service	Hoist updates	Advanced tools Setu	up 🛛 🌈 Guldmann
	General info	2000-00-01-40-54		Life span activity	4030
	Hoist type	GH3+ 350 120 1110	opdate time	Normal lifts (1 meter - 85 kg)	9759
	Hoist ID	Guldmann GH3+	Set hoist ID	Lifts exceeding 150 kg	526
				Overloads	280
	Statistics reset date Total lifts since reset Normal lifts (1 meter - 8	35 kg) since reset	- 180 129		
	Lifts exceeding 150 kg	since reset	16		
	Overloads since reset		0		
	Total lifts last week		0		
	Averages lifts per wee	*k	29		
	Number of weighings	eset Statistic	11 Download CLM log		

4.0 Service module

The service module is only available if the connected hoist is equipped with the service module functionality. The information is also available if the user has been equipped with technician user privileges.

n Guldmann Service A	nd Information Cons	ole		
CLM	Service	Hoist updates	Advanced tools Set	up 🛛 🌈 Guldmann
General in fo Date and time Hoist type	2009.09.04 12:48 GH3+ 350 120 1000	Update time	Life span activity Totallitts Normallitts (1 meter - 85 kg) Litts exceeding 150 kg Overloads	4020 9759 526 260
Normal lift / max. r	ormal lift		Service info	
Strap	5223/20000	Strap changed	Last service	2009.09.02
Timing belt	9759/20000	Timing belt changed	Next service	2011.02.27
Battery	5223/10000	Battery changed	Lifts since last service	471
Errord			Normal lifts (1 meter - 85 kg)	5164
Low better unerplace			Lifts exceeding 150 kg	259
Low battery warnings		0	Overloads	220
Childai low battery wan	migs	10		Service complete
Huist erförs		21 Reset warnings		
Online - COM1		GH3+	350 1 20 1 000 Hoist S/N	k 12345678901234567890

4.1 General information

Update time

This button sets the hoist time and date, to the current PC time and date. Hoist time and date is used for the registration of lifts.

Hoist type

The currently connected hoist type

4.2 Life span activity

These counters summarize information about the use of the hoist, since the first installation

Strap counter and "Strap changed" button

This counter provides information regarding the expected remaining strap lifetime.

Counter format:

Number of lifts made by the current strap / Expected lifetime of the strap. The strap should be changed if the number of lifts made by the current strap is close to the expected lifetime of the strap.

The strap changed button should only be pressed if the strap is changed.



Resetting the strap counters without replacing the strap may cause hazardous situations

Timing belt counter and "Timing belt changed" button

This counter provides information regarding the expected remaining timing belt(s) lifetime.

Counter format:

Number of lifts made by the current strap / Expected lifetime of the timing belt(s).

The timing belt(s) should be changed if the number of lifts made by the current timing belt(s) is close to the expected lifetime of the timing belt(s). The Timing belt changed button should only be pressed if the timing belt is changed.



Resetting the timing $\mathsf{belt}(s)$ counter without replacing the timing $\mathsf{belt}(s)$ may cause hazardous situations

Battery counter and "Battery changed" button

This counter provides information regarding the expected remaining battery lifetime.

Counter format:

Number of lifts made by the current battery / Expected lifetime of the battery. The battery should be changed if the number of lifts made by the current battery is close to the expected lifetime of the battery.

The battery changed button should only be pressed if the battery is changed.



Resetting the battery counter without replacing the battery may cause poor hoist performance.

Errors

These counters provide information regarding the number of errors which has occurred, since reset warning was pressed.

4.3

Service information

These dates and counters provide information about the use of the hoist since the last service, and information regarding the next service date.

"Service completed" button

This button resets all service counters and sets the next service date. The service interval can be set in the input dialog.



5.0

Hoist update

From this page it is possible to update the current hoist firmware.

G Gi	ıldmann Service Aı	nd Information Conso	e				
	CLM	Service	Hoist upd	ates Advanced too	ls	Setup	🌈 Guldmann
	eader Hoist Mctor Safety Print - Lea Mctor Safety Print - Lea Mctor Print - Lea Communication Print	der Swer	Present 1052 1052 2036	Available 1052 1052 2036			
	and Control				0		
	Hand control		Updat	3U12	V		
Online -	- COM1			GH3+ 350 120 1000	F	loist S/N: 123456789	01234567890

The available modules are showed with black font, unavailable modules are dimmed down.

The present column shows the current firmware version in the hoist. The available column shows the newest available firmware version.

Firmware update step by step

To update firmware, follow the step by step instruction below.

CLM	Service	Hoist updates	Advanced too	ls	Setup	📗 🌈 Guldmann
		1				
.eader Hoist		Present	Available			
Motor Safety Print - Leader		1052	1052	۲	2	
Motor Safety Print - Followe	r	1052	1052	0		
Aux Motor Print				0		
Communication Print		2036	2036	0		
follower Hoist						
Motor Safety Print - Leader				0		
Motor Safety Print - Followe	r			\bigcirc		
Aux Motor Print				0		
Communication Print				\bigcirc		
Hand Control						
Hand control		3012	3012	0		
		Update sele	cted Update comp	leted		
		3				
				,		

- 1. Select "Hoist updates".
- 2. Select the modules to which new firmware should be uploaded, by selecting the round button to the right on the module.
- 3. Select "Update selected".
- 4. Select "Update complete", and follow instructions on the screen.

6.0 Advanced tools

🛜 Guldmann Service And Information Console CLM Setup Service Hoist updates Advanced tools 👩 Guldmann Calibrate hoist Upload parameter file No weight Enter weight: Parameter file: 0 kg 125 kg Leader unloaded Leader loaded Hoist type: Looate file Follower unloaded Follower loaded GH3+ Start upload Set hoist type and serial number Product label (example): Enter hoist type: GH3+ - 350 - 120 - 1110 GH3+ xxx yyy zzzz Hoist type Enter new serial number: Œ∆tsi 12345678901234567890 Set Serial number GH3+ 350 120 1110 Hoist S/N: 12345678901234567890 Online - COM1

This page provides advanced tools for certified service technician

Calibrate hoist scale modules step 1-3

Calibrate hoist scale modules step 1-3, (1-5 if the hoist is a Twin hoist). This function makes it possible to recalibrate the hoist load cells. The hoist should only be calibrated if the scale is not showing correct values.

CLM	Service Hoist upda	tes 🛛 Advanced tools 👘 Setup 🛛 🌈 Guldmann
alibrate hoist		Upload parameter file
No weight	1 weight:	Parameter file:
0 kg	125 kg	
Lea 2 ded Follower unloaded	Lea 6 d Follower loaded	Hoist type: Locate file GH3+ Start upload
Set hoist type and Enter hoist type GH3+ - 350	serial number	Product label (example): GH3+ xxx vvv zzzz Hoist type

To calibrate the hoist, use the step by step instruction below.

Scale calibration step by step.

- 1. Enter scale calibration load, this load should be a known reference weight.
- 2. Remove any weight from the hoist strap.
- 3. Press "Leader unloaded".
- 4. Wait until "Leader loaded" becomes active.
- 5. Lift load.
- 6. Press "Leader hoist loaded".
- 7. Wait until button turn grey.

For Twin hoist repeat step 1 - 7 using "Follower unloaded" and "Follower loaded" buttons instead. Each hoist should be calibrated individually.

6.1

Set hoist type and serial number

This function can be used to set the hoist serial number and hoist type in connection with an exchange or repair of the leader motor safety module. The function only works on new hardware modules before any parameter file has been read into the hoist.

Setting hoist type values is only available for motor safety firmware newer than version 1054.



6.2

Programming the wrong hoist type number or serial number may cause the hoist to stop working or may cause hazardous situations.

😚 Guldmann Service And Information Console Guldmann CLM Service Hoist updates Advanced tools Setun Calibrate hoist Upload parameter file No weight Enter weight Parameter file: Πkn 125 kg Leader unloaded Leader loaded Hoist type: ate fi Follower unloaded Follower loaded GH3+ Set hoist type and serial number Product label (example): Enter hoist type: GH3+ - 350 120 1110 GH3+ xxx yyy zzzz Hoist type Enter new serial number: € ∆ts 12345678901234567890 Serial number GH3+ 350 120 1110 Online - COM1 Hoist S/N: 12345678901234567890

To set hoist type or serial number follow the step by step instructions below.

Set hoist type and serial number

- 1. Select Advanced tools.
- 2. Type hoist serial number and product key, as written on hoist label.



3. Press "Set".

Upload parameter file

6.3

The parameter file is vital to the function of the hoist. This function is used during hoist upgrade or exchange of leader motor safety hardware or communication modules. Only valid parameter files can be uploaded to the hoist. To upload parameter file follow the step by step instructions below.

CLIVI	Service Hois	it updates Advanced tools Set	tup 📗 🌈 Guldmanr
alibrate hoist		Upload parameter file	
No weight	Enter weight:	Parameter file:	
0 kg	125 kg		1
Leader unloaded	Leader loaded Follower loaded	Hoist type: GH3+	Locate file 2 Start upload
et hoist type and Enter hoist type GH3+ - 350	serial number 0 - 120 - 1110	Product label (example):	ZZ Hoist type

Upload parameter file step by step

- 1. Open appropriate parameter file. File name same as hoist type.
- 2. Press "Start upload".

Replace motor safety master PCB

Guldmann Service And	Information Cons	sole			
CLM	Service	Hoist modates	Advanced tools	Setup	🛛 🧑 Guldmann
		5			
Leader Hoist		Present	Available		
Motor Safety Print - Leader		1052	1052	• 6	
Motor Safety Print - Follow	er	1052	1052	0	
Aux Motor Print				0	
Communication Print		2036	2036	0	
Follower Hoist					
Motor Safety Print - Leader				0	
Motor Safety Print - Follow	er			0	
Aux Motor Print				0	
Communication Print				0	
Hand Control					
Hand control		3012	3012	0	
		Update selecte	d Update complet	ed	
		9			
			8		
ie - COM1		GH3+ 3	150 1 20 1110	Hoist S/N: 1234567	8901234567890

- 1. Replace PCB MS master as described in the Service guide.
- 2. Turn on hoist.
- 3. Connect PC to Hand control.
- 4. Start Guldmann Service and Information Console.
- 5. Select "Hoist updates".
- 6. Select "Motor safety print leader".
- 7. Select "Update selected".
- 8. Select "Update completed", and follow instruction on the screen.

🗑 Guldmann Service A	nd Information Console	
CLM	Service Hoist updat	tes Advanced tools Setup 🌈 Guldmann
Calibrate hoist		Upload 9 meter file
No weight	Enter weight:	Parameter file:
0 kg	125 kg	
Leader unloaded	Leader loaded Follower loaded	Hoist type: Locate file GH3+ Start uplead
Set hoist type and Enter hoist type GH3+ - 35	I serial number :: 10 - 120 - 1110	Product label (example): GH3+ xxx yyy zzzz Hoist type
10 nter new seria 1234567890	I number: 01234567890	Риток БАЗТР Таката 2004 402 то страна то стр
Online - COM1		Hoist SAk 12345678901234567890

- 9. Select Advanced tools.
- 10. Type hoist serial number and product key, as written on hoist label.
- 11. Press "Set".

Guldmann Service Ar	d Information Console	odates Advanced tools Setup 6 Guldmann
Calibrate hoist		Upload parameter file
No weight	Enter weight:	Parameter file:
0 kg	125 kg	
Leader unloaded	Leader loaded Follower loaded	Hoist type: GH3+
Set hoist type and Enter hoist type GH3+ - 35	serial number : D - 120 - 1110	Product label (example):
Enter new serial 1234567890	number: 1234567890 Set	Perror. 152776 Perror. 252776 SPF 42.54 PPG CONTROCIO PERROR CONTROCIO DE ALTONICO TOTO DE ALTONICO CONTROCIO DE ALTONICO CONTROLI

- 12. Open appropriate parameter file. File name same as hoist type.
- 13. Press "Start upload".



Programming the wrong hoist type number or serial number may cause the hoist to stop working or may cause hazardous situations.

Replace motor safety follower PCB

8.0

Guldmann Service And	Information Consol	e				
CLM	Service	Hoist updates	Advanced tools		Setup	🧑 Guldmann
		5				
Leader Hoist	F	resent /	Available			
Motor Safety Print - Leade	r	1052	1052	0	-	
Motor Safety Print - Follow	er	1052	1052	Θ	6	
Aux Motor Print				\bigcirc		
Communication Print		2036	2036	0		
Follower Hoist						
Motor Safety Print - Leade	r			\bigcirc		
Motor Safety Print - Follow	rer			0		
Aux Motor Print				0		
Communication Print				\bigcirc		
Hand Control						
Hand control		3012	3012	0		
		Update selected	Update complete	ed		
		9				
		U	0			
ne - COM1		GH3+ 350	120 1110		Hoist S/N: 123456789	901234567890

- 1. Replace PCB MS master as described in the Service Guide.
- 2. Turn on hoist.
- 3. Connect PC to Hand control.
- 4. Start Guldmann Service and information Consol.
- 5. Select "Hoist update".
- 6. Select "Motor safety print follower".
- 7. Select "Update selected".
- 8. Select "Update complete", and follow instruction on the screen.

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Replace communication PCB

Suldmann Service And Informatio	n Console	2		
CLM Service	Hoist updates	Advanced tools	Setup	📔 🌈 Guldmann
	6			
Leader Hoist	Present	Available		
Motor Safety Print - Leader	1052	1052	D	
Motor Safety Print - Follower	1052	1052 (
Aux Motor Print		(
Communication Print	2036	2036 (0	
Follower Hoist				
Motor Safety Print - Leader		(D	
Motor Safety Print - Follower		(D	
Aux Motor Print		(D	
Communication Print		(0	
Hand Control				
Hand control	3012	3012	0	
	Update selecte	d Update completed		
	U			
	_	_		

- 1. Replace communication PCB as described in the Service Guide.
- 2. Turn on hoist.
- 3. Connect PC to Hand control.
- 4. Start Guldmann Service and Information Console.
- 5. Select "Hoist update".
- 6. Select "Motor safety print follower".
- 7. Select "Update selected".
- 8. Select "Update completed", and follow instructions on the screen.

7 Guldmann Service A	nd Information Console	
CLM	Service Hoist upd	ates 🛛 Advanced tools 👘 Setup 🛛 🌈 Guldmann
Calibrate hoist		Upload parameter file
No weight	Enter weight:	Parameter file:
0 kg	125 kg	9
Leader unloaded	Leader loaded Follower loaded	Hoist type: GH3+ tootte file frant upload
Set hoist type and Enter hoist type GH3+ - 35	l serial number :: :0 - 120 - 1110	Product label (example): GH3+ xxx yyy zzzz Hoist type
Enter new seria	Il number: 11234567890	Ригла в 2009 № 2 тик дате 2009 № 62 си кала и иза си кала и иза кала и и и иза кала и иза кала и иза кала и иза кала и и
Dnline - COM1		GH3+ 350 120 1110 Hoist S/N: 12345678901234567890

- 9. Open appropriate parameter file. File name same as hoist type.
- 10. Press "start upload".

If the hoist has build n weight modul then recalibrate hoist as described in section 6.1.



Programming the wrong hoist type number or serial number may cause the hoist to stop working or may cause hazardous situations.

10.0 Replace horizontal drive motor PCB

CLM	Service	Hoist updates	Advanced tools		Setup	🧑 Guldmann
		6				
_eader Hoist		Present	Available			
Motor Safety Print - Leader		1052	1052	0		
Motor Safety Print - Followe	r	1052	1052	0		
Aux Motor Print				\circ	•	
Communication Print		2036	2036	۲	_	
Follower Hoist						
Motor Safety Print - Leader				0		
Motor Safety Print - Followe	r			0		
Aux Motor Print				0		
Communication Print				\bigcirc		
Hand Control						
Hand control		3012	3012	0		
		Update selected	Update complet	ted	1	
					,	
			•			

- 1. Replace horizontal drive motor PCB as in the Service Guide.
- 2. Turn on hoist.
- 3. Connect PC to Hand control.
- 4. Start Guldmann Service and Information Console.
- 5. Select "Hoist update".
- 6. Select "Motor safety print follower".
- 7. Select "Update selected".
- 8. Select "Update completed", and follow instruction on the screen.

11.0 Upgrade hoist

CLM	Service	Hoist updates	Advanced tools	Setup	🛛 👩 Guldmann
			6		
Calibrate hoist			Upload parameter file		
No weight	Enter we	ight:	Parameter file:		
0 kg	125	kg		7	
Leader unloaded	d Leader Ic	oaded	Hoist type: GH3+	8	Locate file Start upload
Set hoist type and Enter hoist typ GH3+ - 3:	d serial number e: 50 - 120 -	1110	Product label (example):	yy zzzz	— Hoist type
Enter new seri	al number:		Part no. 553070 Prod. date 2009 05-02	(6 A + d	
123456789	01234567890	et	Serial no. XXXXX 3374 C, 25 A 1920 CONTINUOUS OPERATION WITH SHORT-TIME LOADING WWX:gAldman.com 0051	ALLY POWERED MEINT2IVDC	— Serial number

- 1. Install new com PCB as described in section 9, if included in upgrade package.
- 2. Replace hoist label.
- 3. Turn on hoist.
- 4. Connect PC to Hand control.
- 5. Start Guldmann Service and Information Consol.
- 6. Select "Advanced tools".
- 7. Open the parameter file included in the upgrade package.
- 8. Press "Start upload".

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CLM	Service	Hoist Inslates	Advanced tools		Setup	📔 🌈 Guldmann
Leader Hoist		Present	âvailable			
Motor Safety Print - Leader		1052	1052	0		
Motor Safety Print - Follower		1052	1052	ŏ		
Aux Motor Print				ŏ		
Communication Print		2036	2036	۲	10	
Follower Hoist					-	
Motor Safety Print - Leader				0		
Motor Safety Print - Follower				0		
Aux Motor Print				0		
Communication Print				\bigcirc		
Hand Control						
Hand control		3012	3012	0		
		Update selected	Update complet	ed		
		A	12			
		•	•			

- 9. Select "Hoist updates".
- 10. Update module firmware if a newer version is available. Follow instructions on the screen.
- 11. Select "Update selected".
- 12. Select "Update completed", and follow instruction on the screen.

12.0 Change hoist speed

🛜 Guldmann Service A	nd Information Con	sole			
CLM	Service	Hoist updates	Advanced tools	Setup	🧑 Guldmann
Calibrate hoist			Upload parameter file		
No weight	Enter we	ight:	Parameter file:		
0 kg	125	kg		1	
Leader unloaded	Leader k	vaded	Hoist type: GH3+	2	Locate file Start upload
Set hoist type and Enter hoist typ GH3+ - 35	d serial number e: 50 - 120 -	1110	Product label (example):	yyy zzzz	— Hoist type
Enter new seria	al number: 01234567890	ét	Part na. \$33070 Prod. date. 2009 06 2 Sarial in a. XXX XX 337 AC, 25 A. (P39 CONTINUED OFFANDON WITH SHORT-TIME LOADING WITH SHORT-TIME LOADING With SHORT-TIME LOADING With SHORT-TIME LOADING 001	СССТВ ПОЛИТИЧЕНИЕ РИКИТЗИЧЕС Вагсоде 12BC	— Serial number
nline - COM1		GH3+ 3	350 120 1110	Hoist S/N: 12345678	8901234567890

- 1. Locate and select the appropriate parameter file for example GH3+ xxx xxx xxxx -4cm-sec.par.
- 2. Press "Start upload".

Time to care

V. Guldmann A/S

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