RG

Cable Trolley Systems

FESTOON SYSTEMS FOR CRANES & HOIST

Installations on Standardized Profiles

RG

IPN - IPE - HEB - HEA - HEM - S

They travel directly on standard **IPN, IPE, HEB, HEA, HEM** or S profiles. The possible combinations of rolling tracks with wheels, as well as the number and type of cable saddles, make it possible to obtain many different references.
Trolleys and clamps also available in stainless steel, making them suitable for operation in explosive atmospheres.
Complies with EX IIGDcT6T85°C requirements.

There is an option to increase the coatings on the trolleys for installations in harsh environments.

METALLIC CABLE SUPPORT SADDLES

STANDAR SADDLES					
TYPE	RADIO	LONGITUD ESTÁNDAR	MAX BUNDLE	MATERIAL	REFERENCE
ACH	30,0	79	56x15	ALUMINIUM	RG-BACH-80AL
				INOX STEEL	RG-BACH-80-INOX
				ZINC STEEL	RG-BACH-80
BCH	63,5	120	92x30	PAINTED STEEL	RG-BBCH-120
				PAINT. INOX STEEL	RG-BBCHSS-120
				ATEX	RG-BBCHEX-120
E	80,0	190	150x30	PAINTED STEEL	RG-BE-190
				PAINT. INOX STEEL	RG-BESS-190
				ATEX	RG-BEEX-190
F	100,5	190	150x30	PAINTED STEEL	RG-BF-190
				PAINT. INOX STEEL	RG-BFSS-190
				ATEX	RG-BFEX-190
G	137,5	190	150x30	PAINTED STEEL	RG-BG-190
				PAINT. INOX STEEL	RG-BGSS-190
				ATEX	RG-BGEX-190
H	185,0	190	150x30	PAINTED STEEL	RG-BH-190
				PAINT. INOX STEEL	RG-BHSS-190
				ATEX	RG-BHEX-190
I	200,0	190	150x30	PAINTED STEEL	RG-BI-190
				PAINT. INOX STEEL	RG-BISS-190
				ATEX	RG-BIEX-190
J	210,0	190	150x30	PAINTED STEEL	RG-BJ-190
				PAINT. INOX STEEL	RG-BJSS-190
				ATEX	RG-BJEX-190
K	250,0	190	150x30	PAINTED STEEL	RG-BK-190
				PAINT. INOX STEEL	RG-BKSS-190
				ATEX	RG-BKEX-190

Option to manufacture saddles of any size and finish depending on the installation's specific needs.

POLYAMIDE CABLE SUPPORT SADDLES

REF. SADDLE	CODE	MAX BUNDLE. LXH (mm.)	MAX LOAD. (Kg.)
RG - BA - 80	A	56 x 15	20
RG - BB1 - 130	B1	92 x 30	50
RG - BC - 250	C	182 x 30	75
RG - BD - 250	D	182 x 40	100

Material:

- Polyamide 6.6 (Saddle ref. A)
- Polyamide 6.6 + fibreglass. (Saddles ref. B, C and D)

RG Installations on Standardized Profiles

IPN - IPE - HEB - HEA - HEM - S

TROLLEY WHEELS

REF. WHEEL	CODE	WHEEL DIAMETER (mm.)	MAXIMUM SPEED (m/min.)
RG - RC - 50	50	50	80
RG - RG - 85	85	85	120
RG-RC-120PU	120	120	230

Manufactured from tempered steel, with steel ball bearings and lifelong lubrication.

CODES - HOW TO OBTAIN THE REFERENCES

STANDARD TROLLEYS WITH ONLY ONE SADDLE (Only applicable to Series 50)	RG INITIALS	WHEEL CODE	PROFILE TYPE AND SIZE (2 or 3 characters)	SADDLE TYPE (1 or 2 characters)	ROLLERS (Put R only if it has bottom rollers)	GUIDE	TROLLEY TYPE (4 end, 5 cable, 6 towing)	GUIDE	MATERIAL & FINISH (SS painted stainless, EX ATEX)
	RG	50	XXX	X	R	-	X	-	XX

These types of trolley are referenced as follows:
RG + wheel code (always 50) + profile type and size (2 or 3 characters) + saddle type (1 or 2 characters) + R (only if it has bottom rollers) + guide + trolley type (numbers 4, 5 or 6) + guide + material and finish (SS painted stainless steel, EX for ATEX, put nothing for painted steel).

EXAMPLES
Ref. RG5008A-5: Cable trolley with 50 diameter wheels, for IPN 80 profile, with polyamide saddle A, made of painted steel

Ref. RG50E12GR-5-EX: Cable trolley with 50 diameter wheels, for IPE 120 profile, with G saddle, made of stainless steel and natural finish.

CUSTOM-MADE TROLLEYS FORMED BY SEVERAL SADDLES	RG INITIALS	WHEEL CODE (2 or 3 characters)	PROFILE TYPE AND SIZE (2 or 3 characters)	GUIDE	COMBINATION OF SADDLES, ROLLERS AND FINISHES (Correlative Nº)	GUIDE	TROLLEY TYPE (4 end, 5 cable, 6 towing)
	RG	XX	XXX	-	XX	-	X

These types of trolley are referenced as follows:
These types of trolley are referenced as follows: RG + wheel code + profile type and size (2 or 3 characters) + saddle type (1 or 2 characters) + R (only if it has bottom rollers) + guide + trolley type (numbers 4, 5 or 6) + guide + material and finish (SS painted stainless steel, EX for ATEX, put nothing for painted steel).

EXAMPLES
Ref. RG85S06-04-6: Towing trolley with 85 diameter wheels, for S 6 profile, with the combination of saddles, rollers and correlative finish for series 85 Nº4, made of painted steel.

Ref. RG120N18-06-5: Cabble trolley with 120 diameter wheels, for IPN 180 profile, with the combination of saddles, rollers and correlative finish for the 120 series No. 6, made of stainless steel for explosive atmospheres.

Series 50

Series 50 is a cable trolley system designed to offer our customers customised solutions. These trolleys travel on standard profiles. They feature a carefully selected exclusive design, based on the customer's requirements. They are available in carbon steel and stainless steel, making them suitable for installations in harsh environments and explosive atmospheres. Approved for ATEX installations. They are usually installed in port companies and large metallurgical companies around the world where environmental conditions are extreme.

The possible combinations of rolling tracks, number and type of cable saddles, as well as finishes and raw materials, provide multiple references for this series.

This type of trolley can support loads of up to 80 kg.

ATEX

IIGDcT6T85° C

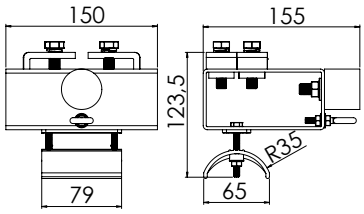
RG Series 50 A

Ref. RG5008A, for travelling on IPN 80 profile, made of Zinc plated steel, with Ø50 mm wheels and type A saddle. The 50 EX II2GDc-T6T85° C series is available for explosive atmospheres.

MAXIMUM CABLE BUNDLE: L x H = 56 x 15 mm.

MAX. LOAD: 20 kg. per trolley

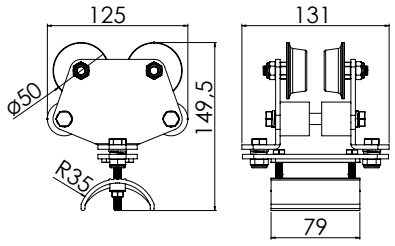
END CLAMP Ref. RG5008A-4



MATERIAL	WEIGHT
Zinc plated steel body Polyamide saddle 6.6 Rubber-metal stop	2,250 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

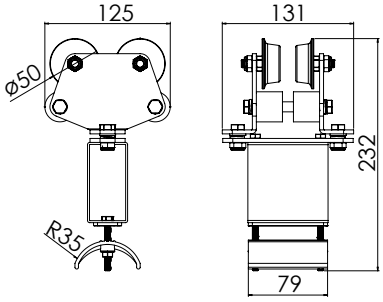
CABLE TROLLEY Ref. RG5008A-5



MATERIAL	WEIGHT
Zinc plated steel bodyØ50 Wheels made from hardened steel with ball bearings Anti-lift rollers made from Ertalon Polyamide saddle 6.6	1,550 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

CABLE TROLLEY Ref. RG5008A-6



MATERIAL	WEIGHT
Zinc plated steel bodyØ50 Wheels made from hardened steel with ball bearings Anti-lift rollers made from Ertalon Polyamide saddle 6.6	1,840 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

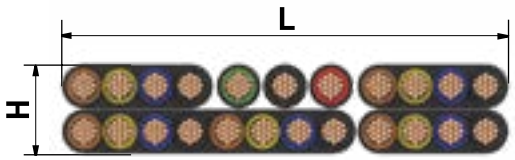
Series 50 B

RG

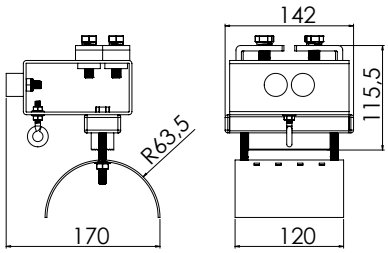
Ref. RG5008NB, for travelling on IPN 80 profile, made of painted steel, with Ø50 mm wheels and type B saddle. The 50 EX II2GDcT6T85° C series is available for explosive atmospheres.

MAXIMUM CABLE BUNDLE: L x H = 90 x 30 mm.

MAX. LOAD: 35 kg. per trolley



END CLAMP Ref. RG5008NBCH-4

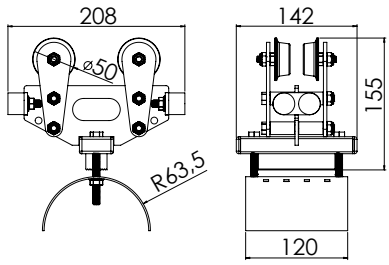


MATERIAL	WEIGHT
Cuerpo de acero pintado Painted steel saddle Rubber stops	2,658 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

It also exists with a polyamide saddle.

CABLE TROLLEY Ref. RG5008NBCH-5

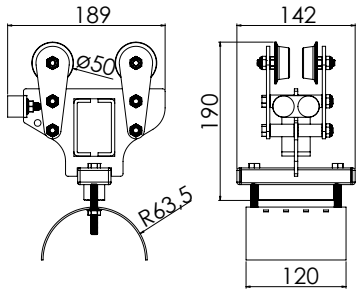


MATERIAL	WEIGHT
Painted steel body Painted steel saddle Rubber stops Steel ball bearings Ø50	2,543 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

It also exists with a polyamide saddle.

TOWING TROLLEY Ref. RG5008NBCH-6



MATERIAL	WEIGHT
Painted steel body Painted steel saddle Rubber stops Steel ball bearings Ø50	2,978 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

It also exists with a polyamide saddle.

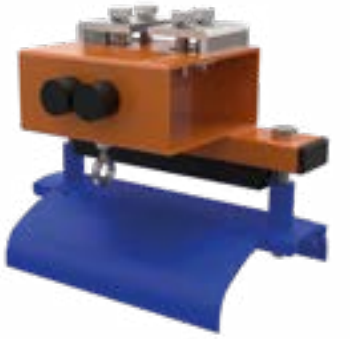
RG Series 50 C

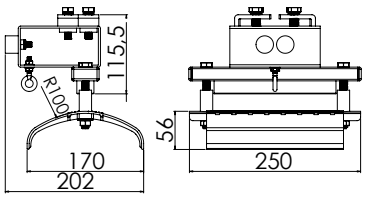
Ref. RG5008NC, for travelling on IPN 80 profile, made of painted steel, with Ø50 mm wheels and type C saddle. The 50 EX II2GDc-T6T85° C series is available for explosive atmospheres.

MAXIMUM CABLE BUNDLE: L x H = 182 x 30 mm.

MAX. LOAD: 50 kg.

END CLAMP Ref. RG5008NC-4

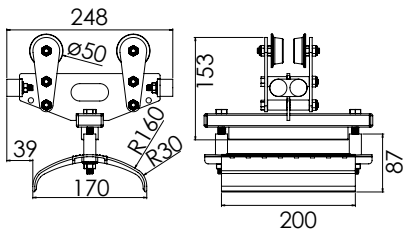




MATERIAL	WEIGHT
Painted steel body Polyamide saddle Rubber stops	2,68 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

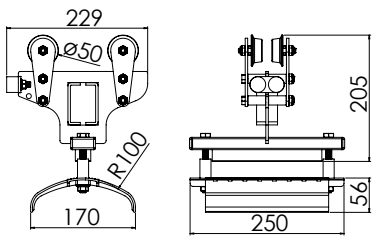
CABLE TROLLEY Ref. RG5008NC-5



MATERIAL	WEIGHT
Painted steel body Polyamide saddle Rubber stops Steel ball bearings Ø50	3,42 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

CABLE TROLLEY Ref. RG5008NC-6



MATERIAL	WEIGHT
Painted steel body Polyamide saddle Rubber stops Steel ball bearings Ø50	3,55 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

Series 50 F

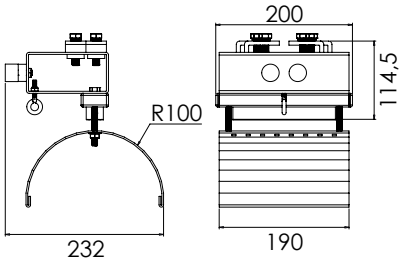
RG

Ref. RG5008F, for travelling on IPN 80 profile, made of painted steel, with Ø50 mm wheels and type F saddle. The 50 EX II2GDcT6T85° C series is available for explosive atmospheres.

MAXIMUM CABLE BUNDLE: L x H = 150 x 30 mm.

MAX. LOAD: 50 kg.

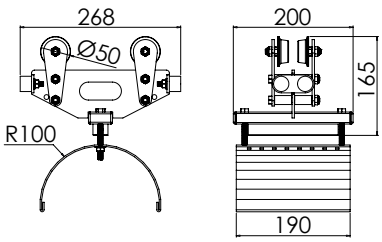
END CLAMP Ref. RG5008F-4



MATERIAL	WEIGHT
Painted steel body Painted steel saddle Rubber stops	4,12 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

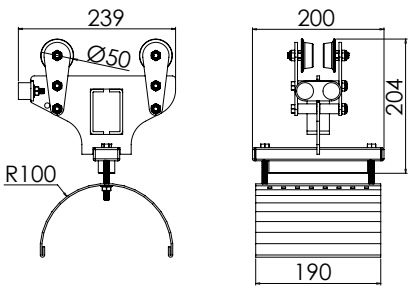
CABLE TROLLEY Ref. RG5008F-5



MATERIAL	WEIGHT
Painted steel body Painted steel saddle Rubber stops Steel ball bearings Ø50	3,31 kg.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

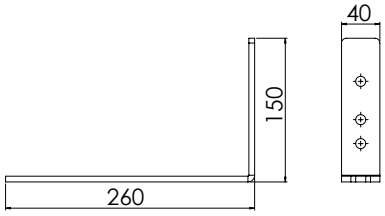
CABLE TROLLEY Ref. RG5008F-6



MATERIAL	WEIGHT
Painted steel body Painted steel saddle Rubber stops Steel ball bearings Ø50	4,21 kg.

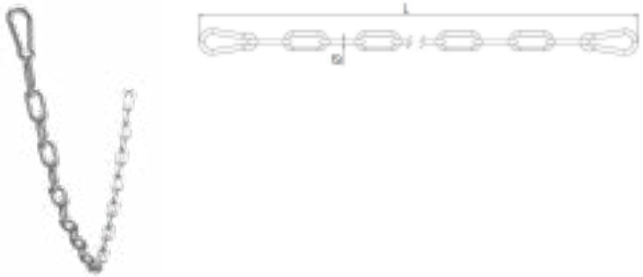
It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

WALL SUPPORT Ref. RG20MX



MATERIAL	WEIGHT
RG20MX-1 Pre-galvanized steel, 4 mm thick	0,42 kg.
RG20MX-2 Zinc plated steel 6 mm thick	0,63 kg.

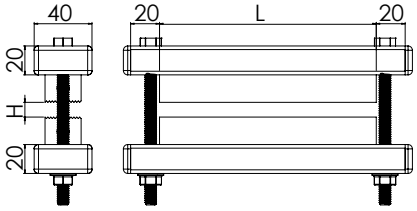
TOWING CABLE Ref. RGCT-Ø-L



MATERIAL	DIAMETER (Ø)	LONGITUD (L)
Zinc plated steel	Variable according to the speed of the trolley, and of its load	Conditioned to the total length of the loop

It is also possible to have it made in stainless steel (by adding -SS to the end of code).

LOOP CLAMP Ref. RGB-XXX



REF.	MAXIMUM CABLE BUNDLE
RGB90	L x H = 90 x 30 mm.
RGB150	L x H = 150 x 30 mm.
RGB300	L x H = 300 x 30 mm.
RGBN-90	L x H = 90 x 30 mm.

It is also possible to have it made in stainless steel (by adding -SS to the end of code), or explosion-proof (adding -EX at the end).

SCHEMATIC ASSEMBLY DESCRIPTION SERIES 50

Series 85, 120

As with series 50, series 85 and 120 have been created to offer customised solutions based on our customers' needs. These trolleys travel on standard profiles. Trolleys can be manufactured with one, two and up to three layers of saddles, depending on the number of cables to be transported. They can support loads of up to 250 kg. These trolleys can be made in a wide range of finishes to suit the customer' needs. They are approved for ATEX installations, complying with EX IIGDcT6T85°C requirements.

Below are some of the projects carried out by Gasori S.L for companies around the world.

ATEX

IIGDcT6T85° C

RG85S06-06

Trolleys made of pickled S275 steel, finished with primer + RAL1011 SMOOTH YELLOW paint, and stainless steel mechanical fasteners.

Designed to travel on IPS 06 type profiles, having 4 x Ø85 Zinc plated steel wheels and side and bottom rollers to prevent bouncing and excessive drift.

They have two type G3 top saddles, with a radius of 137.5 mm and capacity for cable packages up to 200x30 mm, and two type F bottom saddles, with a radius of 100.5 mm and capacity for cable packages up to 150x30 mm. Both have side stops to prevent the cable packages coming free from the saddles.

Attachment to the end clamp profile is done means of screwing on to it, and a towing arm up to 70 mm wide can be attached to the towing trolley.

RG120N16-03

Trolleys made of AISI304/316 stainless steel, finished with primer + RAL2004 SMOOTH ORANGE paint, and stainless steel mechanical fasteners.

Designed to travel on IPS 160 type profiles, having 4 x Ø120 Zinc plated steel and polyurethane covered wheels, plus side and bottom rollers to prevent bouncing and excessive drift.

It has two J3 type saddles, with a radius of 205 mm and capacity for cable packages up to 90x35 mm. Fitted with side stops to prevent the cable packages coming free from the saddles.

Attachment to the end clamp profile is done means of screwing on to it, and a towing arm up to 30 mm wide can be attached to the towing trolley.

RG85S06-01

Trolleys made of pickled S275 steel, finished with primer + RAL1011 SMOOTH ORANGE paint, and stainless steel mechanical fasteners.

Designed to travel on IPS 06 type profiles, having 4 x Ø85 Zinc plated steel wheels and side and bottom rollers to prevent bouncing and excessive drift.

They have two type G top saddles, with a radius of 137.5 mm and capacity for cable packages up to 150x30 mm, and two type F bottom saddles, with a radius of 100.5 mm and capacity for cable packages up to 150x30 mm.

RG120N18-07 (ATEX)

Trolleys made of AISI304/316 stainless steel, and stainless steel mechanical fasteners. Designed to travel on IPS 180 type profiles, having 4 x Ø120 Zinc plated steel wheels and 8mm thick polyurethane covering. This covering allows the design to be classified as Explosion-Proof. They also have side and bottom rollers to prevent bouncing and excessive drift.

It has two P type saddles, with a radius of 325 mm and capacity for cable packages up to 160x35 mm. Both have side stops to prevent the cable packages coming free from the saddles.

RG120N20-01

Trolleys made of pickled S275 steel, finished with primer + RAL3001 SMOOTH RED paint, and stainless steel mechanical fasteners.

Designed to travel on IPS 200 type profiles, having 4 x Ø120 Zinc plated steel wheels and side and bottom rollers to prevent bouncing and excessive drift.

They have two type J top saddles, with a radius of 210 mm and capacity for cable packages up to 150x35 mm, and two type H bottom saddles, with a radius of 185 mm and capacity for cable packages up to 150x30 mm.

It also has a system that allows the trolley's lower body (saddles and wiring) to be coupled/uncoupled once the main body has been mounted on the rolling beam.

RG120S12-01

Trolleys made of pickled S275 steel, finished with primer + RAL6024 SMOOTH GREEN paint, and stainless steel mechanical fasteners.

Designed to travel on IPS 12 type profiles, having 6 x Ø120 Zinc plated steel and polyurethane covered wheels, plus side and bottom rollers to prevent bouncing and excessive drift. They have two type Q top saddles, with a radius of 550 mm and capacity for cable packages up to 225x40 mm, and two type K bottom saddles, with a radius of 250 mm and capacity for cable packages up to 150x30 mm. Both have side stops to prevent the cable packages coming free from the saddles.

RG Preparing Quote

QUESTIONNAIRE FOR COLLECTING DATA FOR PREPARING THE OFFER

Company: **Contact person:**

Tel.: **Date:**

E - mail:

01 **Type of installation:**

02 **Installation**

Interior ☐ Exterior ☐

03 **Operating temperature:**

Min °C Máx °C

04 **Total length D (m.)**

05 **Parking area E (m.):**

06 **Maximum loop height H (m.):**

07 **Length of device B (m.):**

08 **Path C (m.):**

09 **Travel speed (m/min):**

10 **Acceleration (m/s^2):**

11 **Type of beam:**

IPN IPE IPE Other (include drawing)

12 **In the case of an ATEX installation, indicate area type:**

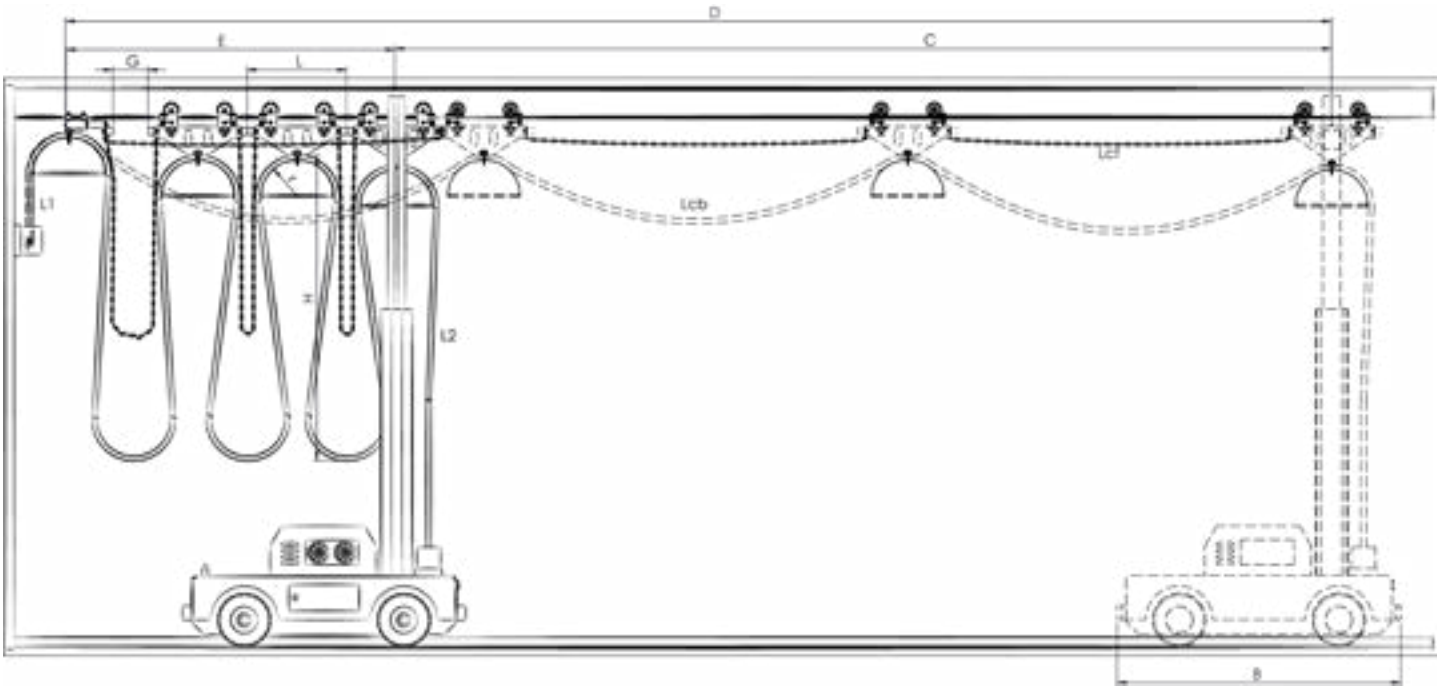
13 **List possible difficulties:**

14 **Necessary cables:**

Nº OF CABLES	Nº OF CONDUCTORS PER SECTION	Ø mm.	WIDTH x HEIGHT (FLAT CABLES)	MINIMUM CURVATURE RADIUS

Send the finished questionnaire to: **ventas@gasori.com**

Preparing Quote



RG

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