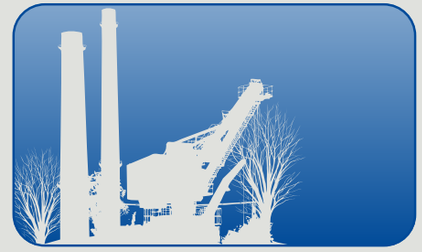
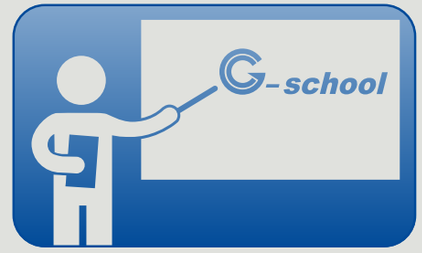
HIGH ACCESS SYSTEM TECHNOLOGY BY **goracon®**

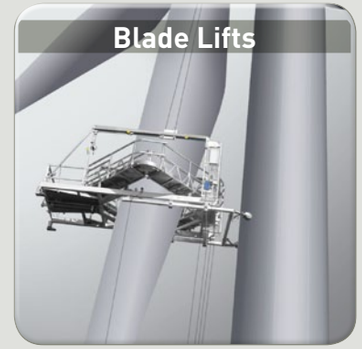
www.goracon.com

PRODUCT SEGMENTS





WIND TURBINES ACCESS PLATFORMS



INDUSTRIAL ACCESS

HOIST SYSTEMS

G-lock® G-trac®

An efficient, durable traction sheave hoist developed by goracon!

With the addition of our own G-trac® traction hoists and G-lock® overspeed safety devices, covering a product range of 400 kg up to a maximum of 1100 kg, we can conclude that our family of traction hoists covers your demand fully.

Our products are all certified and globally approved. We guarantee a complete and full service combined with an extensive supply flexibility for our global customers based in the field of height access technology.

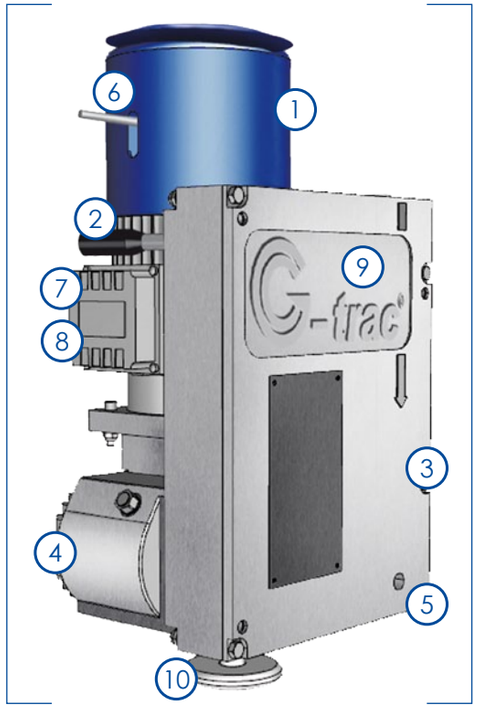
Shock absorbing G-lock® overspeed safety device, designed and developed by goracon!

Each specific G-trac® traction hoist comes with the proper G-lock® overspeed safety device. The redundant safety system on a separate rope. The G-lock® isn't just any overspeed safety device. A new level of industrial safety has been reached thanks to G-lock®'s unique integrated buffering design.

This unique integrated buffering system ensures a very low shock generation throughout the entire system in case of a catch.

- Shock force absorption by structural buffer
- Electronic detection switch, optional
- Integrated clamp detection, optional
- Ergonomic single lever operation

G-lock® G-trac®



1	A powerful, reliable electric motor
2	Ergonomic, foldaway handles
3	Sturdy aluminum housing ensures for low weight and high resistance
4	Low-noise worm gear transmission
5	Functional single point suspension or a customized four-point attachment system
6	Electromagnetic brake with manual release mode
7	Possibility for direct top limit switch connection
8	Operation hour counter
9	Built-in, precise electromagnetic overload
10	Ergonomic integrated emergency hand wheel
1	Integrated structural shock absorbing buffer system
2	Dual - functional ergonomic single lever for arming and releasing safety jaws
3	Optional: Integrated electro-mechanical tripping detection switch
4	Centrifugal force release system with inspection glass
5	Sturdy aluminum housing
6	Sturdy suspension lugs

Optional: gear failure safety and inclined position detection monitoring in one G-trac and G-lock also available as Cold Climate Version (CCV, temp. range: -30°C to +50°C)

Suitable for the use with blade access platforms, G-bladeaccess

Suitable for the use with G-servicelift

Suitable for the use with G-worklift, temporary swing-stage

Suitable for the use with boiler platforms

G-smartrac®

The „little one“ has a big effect!

G-smartrac® material rope traction hoist with electric motor for material transport.

How the G-smartrac® works:
Mobile motorized rope hoist with adjustable lifting height for flexible and economic assembly use. Simple operation for working safely on high. G-smartrac® is a material rope traction hoist which drives a sheathed rope without rolling it up. This means any height can be reached. Electronic motor protection prevents lift operations frombeing overloaded, giving your hoist a long service life without wear.

G-smartrac®

Your benefits compared with similar hoisting gear:

- The G-smartrac® pendulum hoist (pendular load lift in both directions possible) allows you to achieve 50% cost reductions! The pendulum hoist rules out unloaded operations and is ready to go in no time.
- At 22/32 kg, the G-smartrac® is a lightweight!
- With a top speed of 30 m/min or 17 m/min exceeded by none, the G-smartrac® is the number one!
- With 120 kg / 300 kg load capacity, the G-smartrac® is a Hercules of its class!
- As the G-smartrac® operates with 230 V alternating current, it can be used anywhere!
- Flexible and light sheathed ropes made of synthetic fibers (available in all lengths)
- Quickly ready for use through easy installation by means of a safety hook
- Simple one-hand operation using pendulum control or radio remote control
- Very easy preparation of rope tip on the building site
- Height restriction in both directions using stop button
- Low-maintenance!

G-smartrac®

G-smartrac® 120 vario...
variable and flexible!

Plug & Play

- soft accelerating and breaking phase
- 2 speeds for pulling up and letting down
- Radio Remote control with high range
- Retrofit able without tools

G-smartrac® 300 vario...
Now even higher payload!

Plug & Play

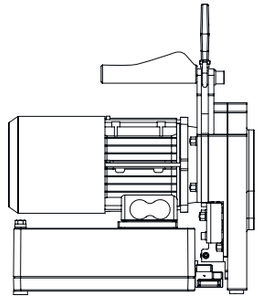
- soft accelerating and breaking phase
- 2 speeds for pulling up and letting down
- Radio Remote control with high range
- Retrofit able without tools
- Optimized handle for two-hand grip for transport purposes
- Hoist is properly protected by means of a sturdy enclosure and guard

Must be

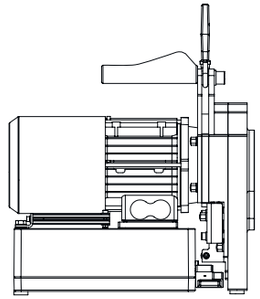
on every

construction site!

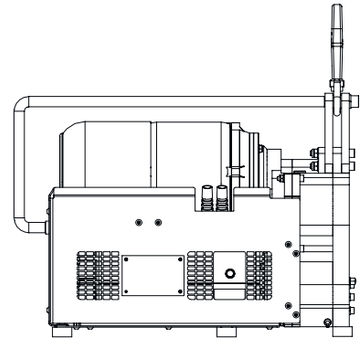
G-smartrac®



G-smartrac 120



G-smartrac 120 vario



G-smartrac 300 vario NEW!

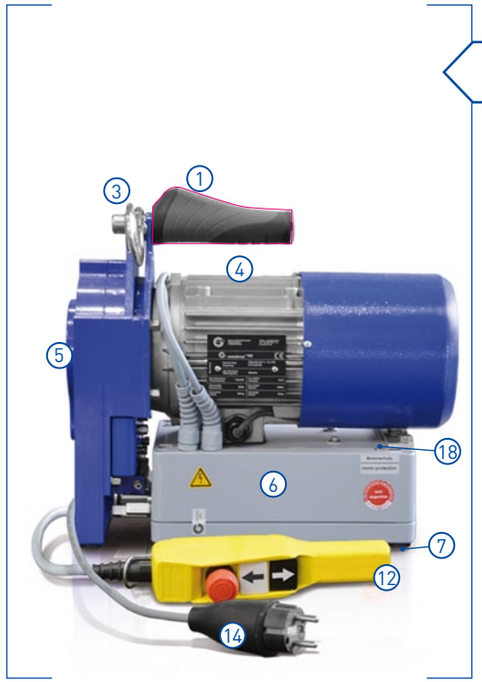
Technical data**	G-smartrac® 120	G-smartrac® 120 vario	G-smartrac® 300 vario
Load capacity	120 kg*	120 kg*	300 kg*
Rope speed	30 m/min	13/30 m/min (with soft start)	6/17 m/min (with soft start)
Voltage	230 V AC / 50 Hz	230 V AC / 50 Hz	230 V AC / 50 Hz
Output	0,75 kW	0,75 kW	1,1 kW
Rated current	ca. 6 A	ca. 7 A	ca. 8 A
Self weight	24 kg	22 kg	32 kg
goracon rope	Polyester with sheath	Polyester with sheath	Polyester with sheath
Diameter	9,0 mm	9,0 mm	11,0 mm
Necessary electr. output in generator operation	> 2,0 KW	> 2,0 KW	> 3,0 KW

Features**	G-smartrac® 120	G-smartrac® 120 vario	G-smartrac® 300 vario
pendulum (pendular load lift in both directions possible)	•	•	•
Top speed of 30 m/min	•	•	—
Double-Speed with 13 and 30 m/min	—	•	—
Double-Speed with 6 and 17 m/min	—	—	•
load capacity 120 kg	•	•	—
load capacity 300 kg	—	—	•
Very easy preparation of rope tip on the building site	•	•	•
Operates with 230 V alternating current, it can be used anywhere!	•	•	•
Flexible and light sheathed ropes made of synthetic fibers (available in all lengths)	•	•	•
Height restriction in both directions using stop button	•	•	•
Optionally with remote control	•	•	•
soft accelerating and breaking phase	—	•	•
Quickly ready for use through easy installation by means of a safety hook	•	•	•
Use with adapter for trailer hitch	•	•	—
Use with a ramp	—	—	•

* increased pulling force by using block and tackle hoisting.

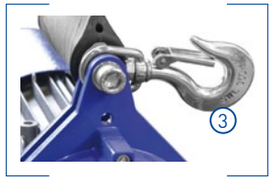
** We reserve the right make alteration to the Produkt program without prior notice. No liability for mistaken or printing errors with regards to product images and product descriptions. Our terms of conditions apply.

G-smartrac®



120 kg

vario

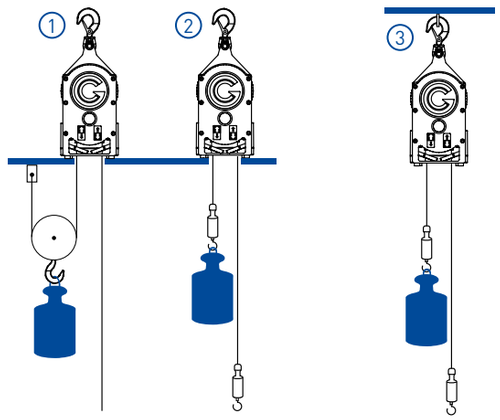


300 kg

vario

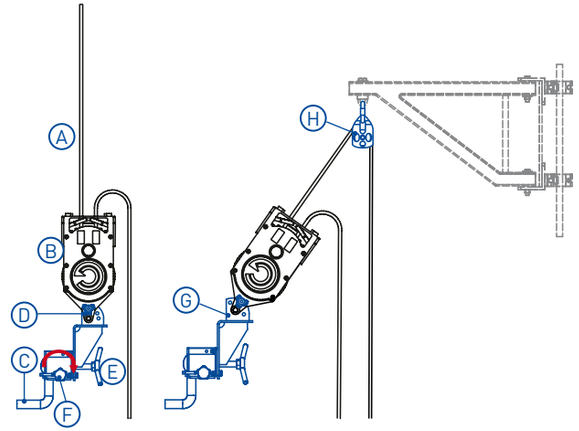
	Features		
1	carrying handle	10	load hook
2	Handle / guard	11	Quick-lock
3	Devices hoes	12	controls (pendant push buttons)
4	electric motor with brake	13	cable coupling (pendant control)
5	Rope operation	14	safety plug
6	control unit	15	Receiver for radio remote control
7	Device base	16	transmitter for radio remote control
8	Kernmantle rope	17	Housing for the control unit
9	Rope and hook terminal	18	over load indicator
		19	operating hour's meter

G-smartrac®



Rise of pulling force by using block and tackle hoisting

1. Rise of pulling force by using block and tackle hoisting (2 x 120 kg or 2 x 300 kg)
2. G-smartrac® placed over an opening with pendulum-operation.
3. G-smartrac® suspended on sustainable construction, with pendulum-operation.



Trailer coupling adapter for placment of the G-smartrac® near the ground

	Features
A	Rope
B	G-smartrac
C	Trailer coupling
D	Bolt locking
E	Quick assembling by knee lever!
F	Safety locking
G	Angular adjustment 90°/60°/30°/0°
H	Pulley

Application for ladder with side rail

Using a console with an quick release, it is possible to mount the unit on the side rail of a ladder (A).

The counterpart is a light redirection pulley mounted at the upper part of the ladder (B).

Using the principle of traction hoist, the lifting height is freely selectable. The system can be used to transport material loads.

G-servicelift®

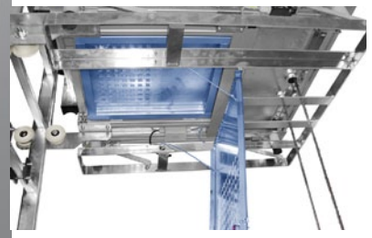
Step in. Go up. Be safe.

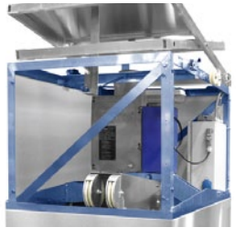
Reach the top safely and economically with G-servicelift® by goracon!

G-servicelift® for time-saving maintenance and repair will remarkably increase the efficiency of your wind turbine. With the G-servicelift® you can lift along 100 m within approximately 5 min. Without it, the exhausting climbing is just too time- and energy-consuming.

But there's more to be gained. A heavy tool can be transported comfortably with G-servicelift® and this by automatic drive, without wasting the staff's precious time for the drive upwards.

It is proven that wind energy plants equipped with an integrated elevation system present higher availability, enormously increasing the quality of the maintenance of your wind energy plant.



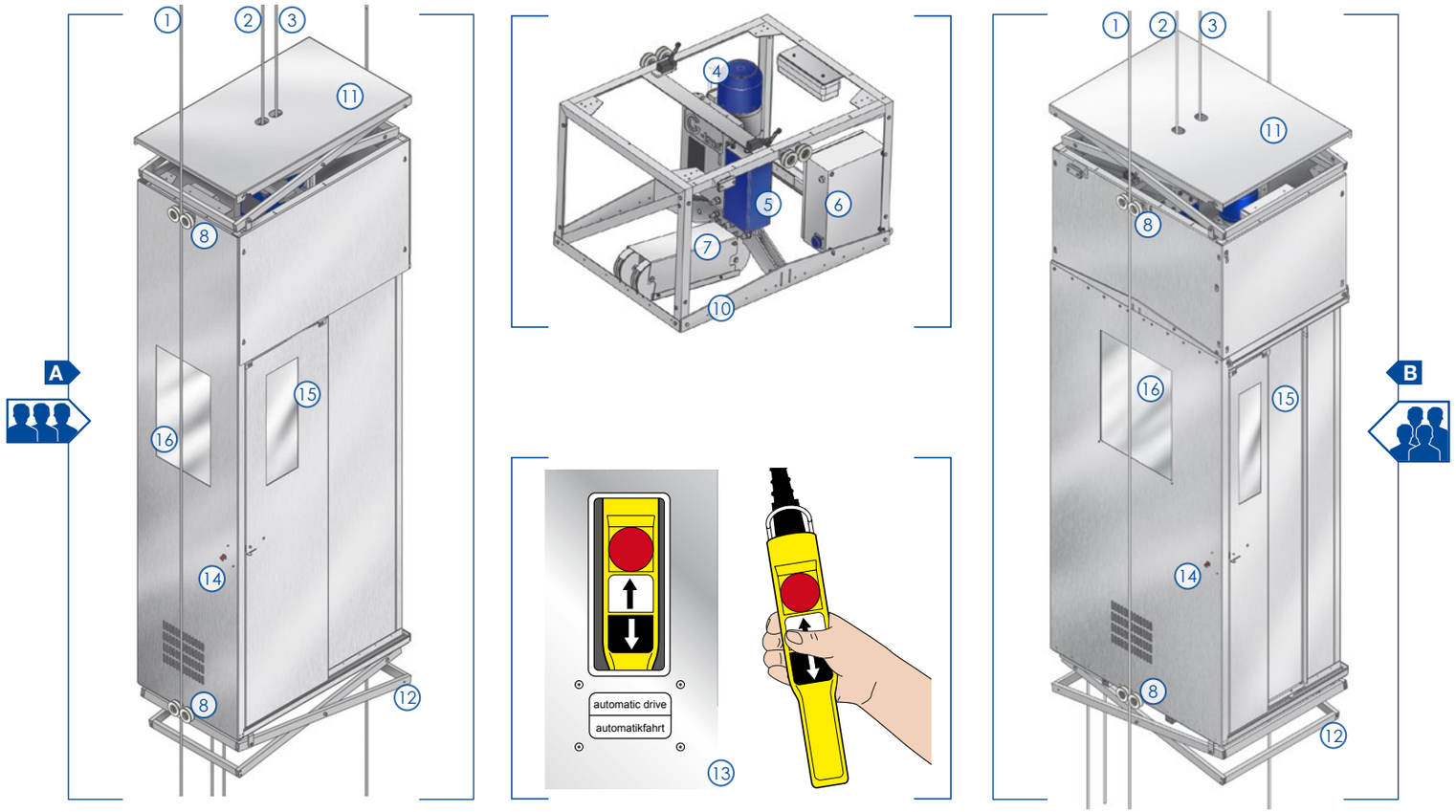




Rope guided or ladder guided, tailored premium quality for worldwide applications!

The G-servicelift®, a worthwhile investment bringing financial advantages for you, and health advantages for your service staff.

G-servicelift® eco

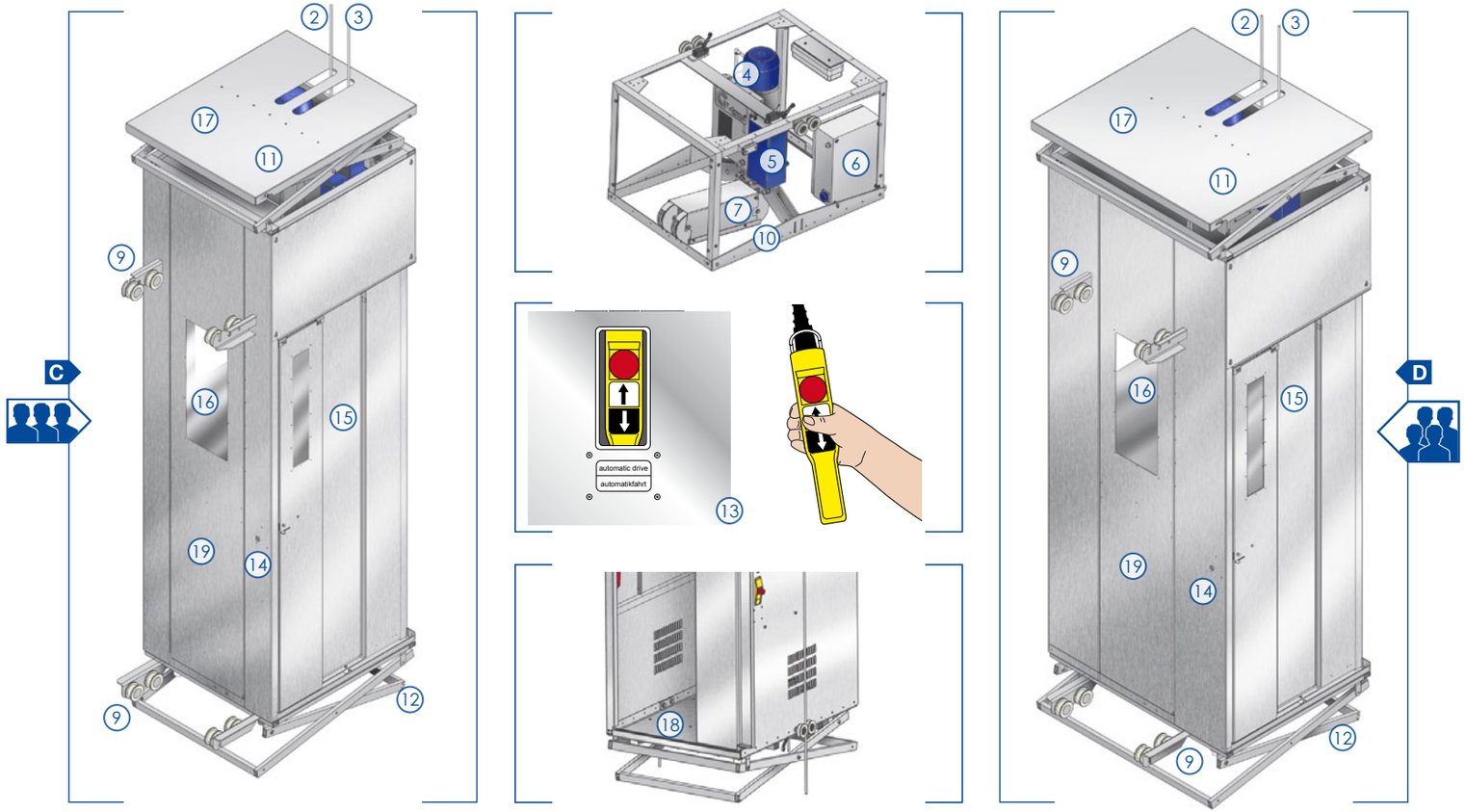
goracons economic solution for the personnel and material transport



GWB /rope guided	
1	Guiding Rope
2	Arresting cable
3	Driving cable
4	G-trac hoist
5	G-lock safety breake
6	E-Box
7	Cable deflection rollers
8	Cable and platform guide
9	Ladder guide
10	Roof support frame
11	Top limit switching
12	Bottom limit switching
13	Operator Control with combi-function
14	Safety door switch
15	Sliding door
16	Transparent glazing
17	Roof access passage
18	Ground access passage
19	Emergency exit

G-servicelift® eco

goracons universal solution for the personnel and material transport



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G-servicelift® eco

Technical data

Type	GWB-300, rope guided	GWB-400, rope guided	GWB-300-L, ladder guided	GWB-400-L, ladder guided
Door	Single sliding door with a robust rail and roller system	Double sliding door with a robust rail and roller system	Double sliding door with a robust rail and roller system	Double sliding door with a robust rail and roller system
Drive**	G-trac 600 electric wire rope hoist, tensile force 600 kg, 400 V/ 50/60 Hz	G-trac 800 electric wire rope hoist, tensile force 800 kg, 400 V/ 50/60 Hz	G-trac 600 electric wire rope hoist, tensile force 600 kg, 400 V/ 50/60 Hz	G-trac 800 electric wire rope hoist, tensile force 800 kg, 400 V/ 50/60 Hz
Payload / weight-bearing capacity	300 kg = kg	400 kg = kg	300 kg = kg	400 kg = kg
	300 kg =	400 kg =	300 kg =	400 kg =
Speed	18 m/min / 24 m/min 50 Hz 60 Hz	18 m/min / 24 m/min 50 Hz 60 Hz	18 m/min / 24 m/min 50 Hz 60 Hz	18 m/min / 24 m/min 50 Hz 60 Hz
Dimensions L/W/H (mm)	1080 / 630 / approx. 3000	800 / 1080 / approx. 3000	900 / 800 / 3000 900 / 950 / 3000 900 / 1100 / 3000	900 / 1100 / approx. 3000
To get on				

G-climber® eco

Plug & Play & up!

Brandnew G-climber® eco by goracon...
...a worthwhile investment.

Once again it is goracon, setting the standard when it comes to profitably servicing a wind turbine.

The new G-climber® eco minimizes your efforts for the time consuming ascends and descends that come with service works.

The advantages are obvious, the lightweight all-in-one mobile drive unit is:

- easy to transport
- can be installed/deinstalled in a second to the fix basic unit
- comes with included E-box

Take your benefits from our ideas!

The new G-climber® eco...

...economical

...comfortable

...one for all

G-climber® eco

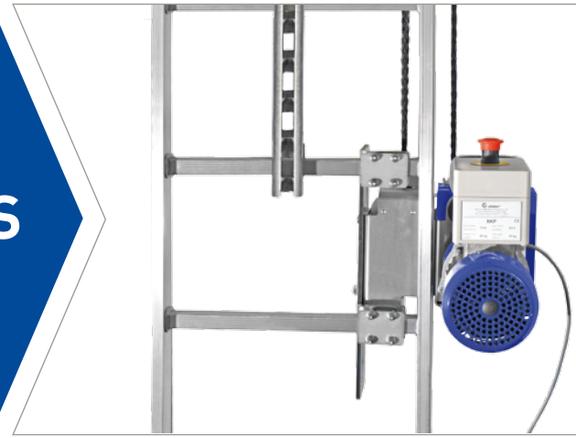
Plug & Play

Fits every ladder type!

The new G-climber® eco is a universal tool available for every ladder type. Thanks to its elaborate easy-mounting principle the new G-climber® eco can be installed in wind turbine towers in less than an hour. The robust mobile unit with its sturdy design is your reliable companion and most impressive is its self-weight of only 14 kg.

GKM

GKS



G-climber® CCV

goracon already has your solution for frosty areas!

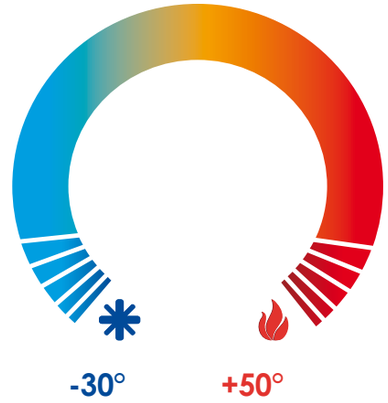
The new G-climber® CCV

...Cold

...Climate

...Version

For temperatures from -30° to +50° Celsius



The proven standard layout with enhanced temperature-resistant E-box and drive technology will be your guarantor of an easy ascend even on frosty days.

Snap hook

G-connect

Safety harness

Ascender climbing safety clamp

Lanyard

Splicing needle

Polyester rope

G-climber Service Box

Spring balance 200 kg

Flat spanner for clutch

G-case

Technical data*	
Drive	Spur wheel back-geared motor 0,37/0,55 KW
Strain relief/ traction force	up to 50 kg
Power supply	230 V/ 50 Hz / IP54 230 V/ 60 Hz / IP54 110 V / 60 Hz / IP54 or according to requirements
Duty cycle	100%
Polyester rope	Polyester rope, Ø 12 mm Black, pre-stretched with special grip coating
Climbing height	According to project requirements
Material	Galvanized steel / stainless steel / aluminum

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G-platform®

Reaching the height. Step by step.

goracon is the world leader in the manufacture of assembly platforms for concrete towers for wind energy plants.

In this case, the innovation lies in that the concrete towers are built from the inside. In the traditional assembly the concrete tower is scaffolded from outside and then refitted part by part. Not only is this extremely time-consuming during the assembly, but also the set-up of these scaffolds binds precious time resources and tower crane capacities.

The main advantages of for the assembly of concrete towers are the following:

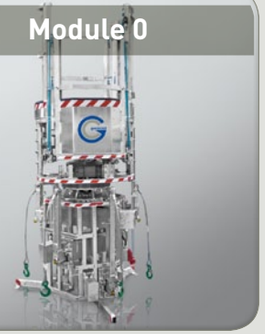
- Easy assembly preparation.
- Rapid availability.
- Saving of crane capacities.
- Time saving because there is no need for a timeconsuming set-up and refitting of the towers from the outside.
- Easy transport thanks to modular structure.
- Working inside the tower allows protection from the wind.
- All working positions can be easily reached.
- Rapid and efficient work of the assembly team.

G-platform®

Irrespectively of how high the tower will be, all working positions can be reached by different variants of assembly platforms, even in case of different tower segment diameters.

The following standard variants of the G-platform® are available:

Module 0



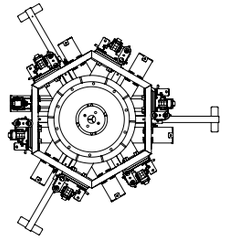
Module 1

Module 2

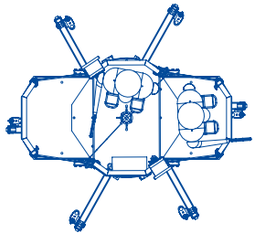
Module 3

To the Special Platforms

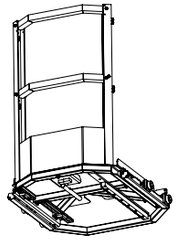
G-platform®



Botton construction



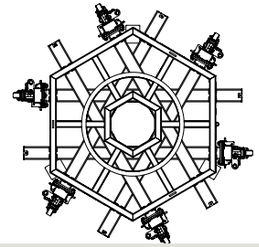
Telescope walks and arms



Telescope limit switch

GW-1410 module 0	
Telescope walk actuators	electrical
Vertical actuation	by crane (with authorization for passenger train)
Carrying capacity/ bearing strength	500 kg / 2 persons + tools / load
Self-weight	950 kg
Bars reeled-out	Ø 1820 mm
Bars reeled-in	Ø 1150
Building height	2810 mm
Electrical connection net	400 VAC 3~/N/PE 50 Hz 2 kW (with integrated EC 32A 15 kW plug)

G-platform®



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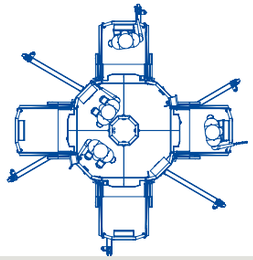
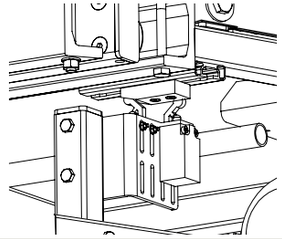


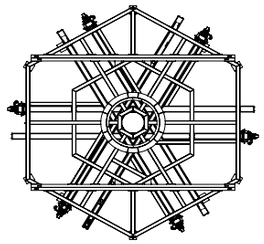
Telescope walks and arms



Telescope limit switch

GW-1410 module 1	
Telescope walk actuators	electrical
Vertical actuation	by crane (with authorization for passenger train)
Carrying capacity/ bearing strength	1000 kg / 4 persons + tools / load
Self-weight	1900 kg
Bars reeled-out	Ø 3380 mm
Bars reeled-in	Ø 1800
Building height	3000 mm
Electrical connection net	400 VAC 3~/N/PE 50 Hz 3 kW (with integrated EC 32A 15 kW plug)

G-platform®



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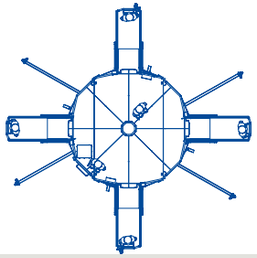
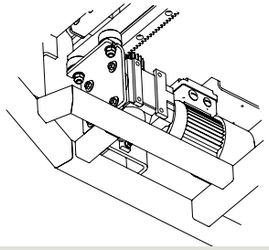


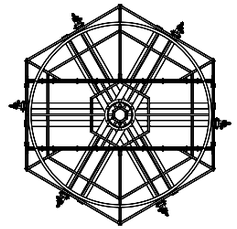
Telescope walks and arms



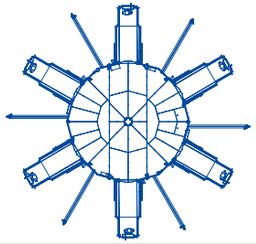
Bar actuators

GW-1410 module 2	
Telescope walk actuators	electrical
Vertical actuation	by crane (with authorization for passenger train)
Carrying capacity/ bearing strength	1000 kg / 6 Personen + Werkzeug / Last
Self-weight	4900 kg
Bars reeled-out	Ø 7580 mm
Bars reeled-in	Ø 1800
Building height	3800 mm
Electrical connection net	400 VAC 3~/N/PE 50 Hz 3 kW (mit integrierter CEE 32A Steckdose 15 kW)

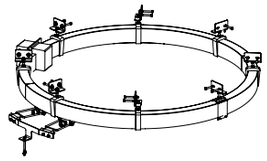
G-platform®



Botton construction



Telescope walks and arms



Bar actuators

GW-1410 module 3	
Telescope walk actuators	electrical
Vertical actuation	by crane (with authorization for passenger train)
Carrying capacity/ bearing strength	1500 kg / 6 persons + tools / load
Self-weight	14000 kg
Bars reeled-out	Ø 13200 mm
Bars reeled-in	Ø 7130
Building height	4100 mm
Electrical connection net	400 VAC 3~/N/PE 50 Hz 3 kW (with integrated EC 32A 15 kW plug)

G-platform®

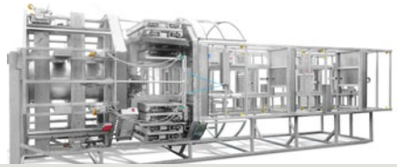
GW-2410

Bearing actuation Swing bearing actuation Working platform actuation	electrical electrical electrical
Carrying capacity/ bearing strength	1500 kg / 5 persons + tools/load
Self-weight	approx. 8000 kg
Performance	max. 12.0 kW (+ concrete pump)
Number of bearing and arresting cables	12 pieces, 6 thereof are always in use
Electrical connection net	400 V / 50HZ / IP 54
Dimensions	approx. H / L / L 4070 mm without housings / 3500 mm / 8700 mm

1	Upper assembly platform
2	Rotatable bearing construction
3	Electromechanical lining of the bearing construction
4	Bearing and fastening construction
5	G-worklift

G-platform®

transport rack



transport position

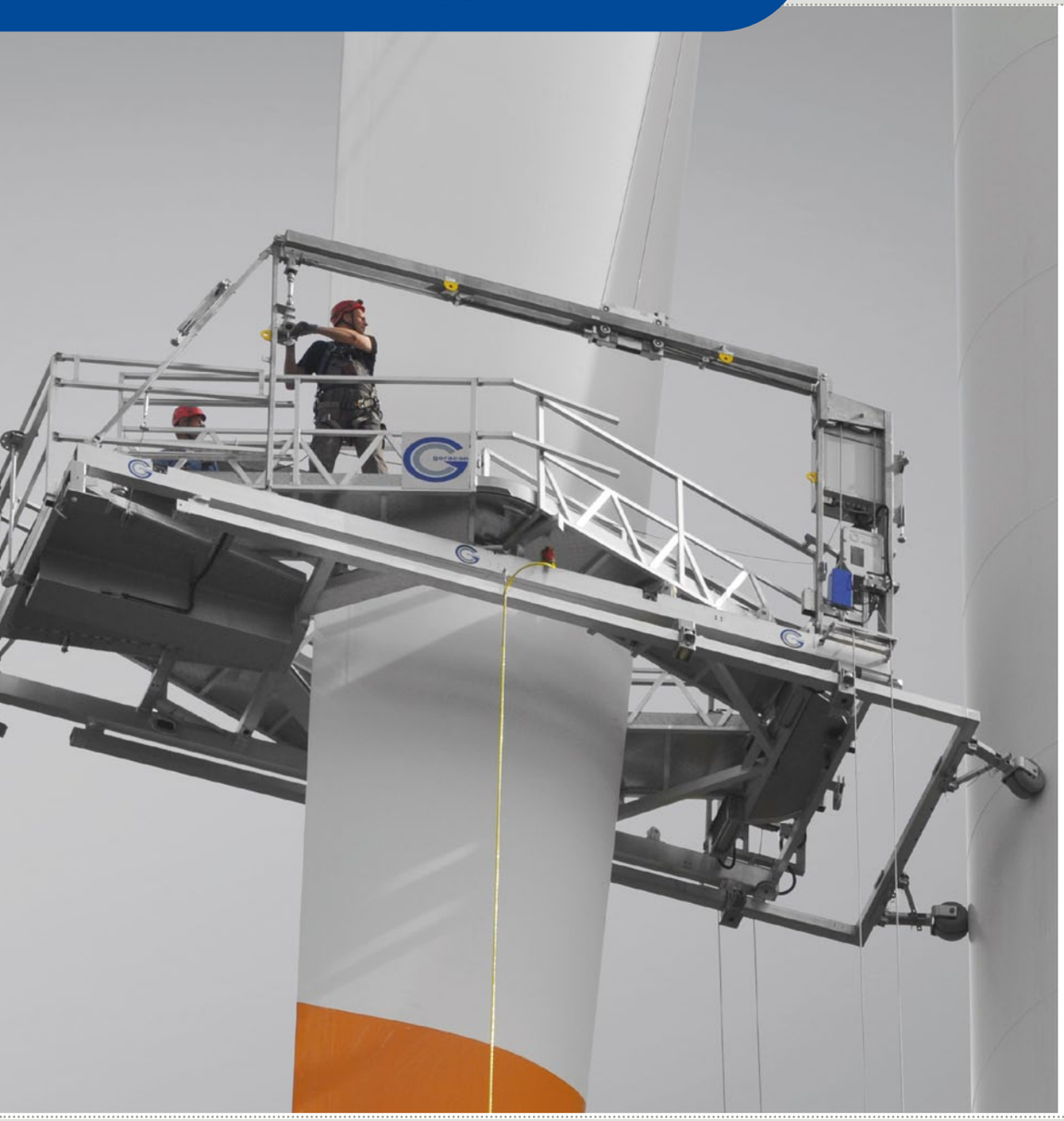
transport protection

GW-3000-01 module 1	
Tower actuation slewing ring actuation Telescope walk actuation	electrical by electric motor / 0,25 kW electrical by electric motor / 0,18 kW electrical by electric motor / 0,18 kW
Carrying capacity/ bearing strength	3520 kg, max. 6 persons max. 3 persons per tower
Number of bearing and arresting cables	8 pieces, ø12 mm wire rope galvanized steel
Electrical connection net	400 V / 50 Hz / 3~/N/PE CEE plug 32 A
Dimensions D min. / D max. / H	2935 mm/ 6185mm/ 8975 mm
transport dimensions L / B / H	9355 mm / 2650 mm / 3100 mm

G-platform®

GW-3000-01 module 2	
Tower actuation slewing ring actuation Telescope walk actuation	electrical by electric motor / 0,25 kW electrical by electric motor / 0,18 kW electrical by electric motor / 0,18 kW
Carrying capacity/ bearing strength	4720 kg, max. 6 persons max. 3 persons per tower
Number of bearing and arresting cables	8 pieces, ø16 mm wire rope galvanized steel
Electrical connection net	400 V / 50 Hz / 3~/N/PE CEE plug 32 A
Dimensions D min. / D max. / H	2935 mm/ 6185 mm/ 8975 mm
transport dimensions L / B / H	5530 / 8550 / 9075 mm

G-bladeaccess®

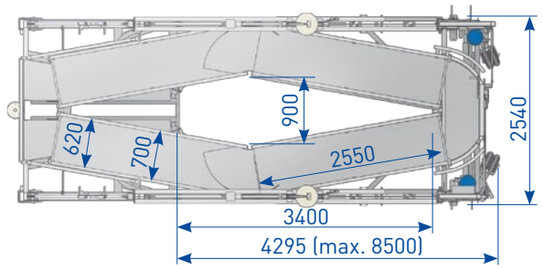


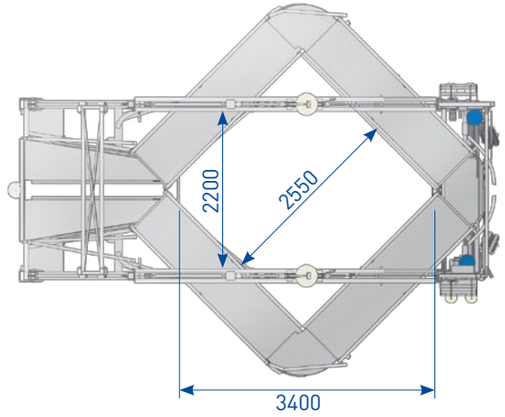
If you want to have an efficient and profitable wind energy plant, then you should choose goracon‘s blade lifts.

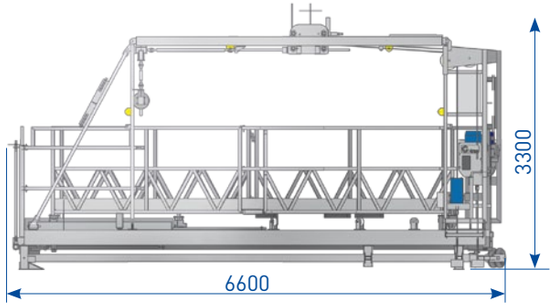
Nowadays, the repair and maintenance of rotor blades is certainly an essential part of the maintenance concept of a wind power station.

The objective is to guarantee the maintenance and repair of rotor blades combined with the efficient use of wind energy plants. The G-bladeaccess® RBA-01 unit consists of four adjustable platform segments fitted together in a diamond shape on a base frame. By adjusting the platform segments, the ideal position between the platform and the rotor blades can be achieved.

G-bladeaccess®







1	Platforms
2	Suspension frames
3	Base frame
4	Pressing frame

G-bladeaccess®	
Platform dimensions retracted	L = 6600 mm W = 2540 mm
Total unit height	approx. 3300 mm
Central opening for rotor blade platforms closed	3400 x 900 mm
Central opening for rotor blade platforms open	3400 x 2200 mm
Total load capacity Load capacity on one platform side	max. 300 kg max. 240 kg (2 persons)
Drive	2x friction hoist G-trac, Tensile force per hoist 1000 kg
speed	approx. 8.5 m/min
Transport	on a car trailer

G-bladeaccess®

Your advantages:

- Mechanical safety device (prevents single-sided descent of the unit tilted at an angle of 8° or more regardless of the lowering speed).
- All round access to the rotor blade.
- Manual descent in case of emergency is always possible as all drives are independent of the power supply when lowering.
- All drives are independent of the power supply except for the hoisting units. Consequently, there are fewer breakdowns.
- Thanks to the adjustable diamond-shaped platform segments, you can achieve the optimum working position to the rotor blade up in the air.
- Extremely short set-up times as the unit is transported on a trailer practically ready for operation.
- Smooth and stable suspension of the platform during use.
- Easy positioning around the transverse axis by levelling rails.

G-worklift®

goracon's G-worklift® working platforms offer a unique system for working safely at great heights.

The suspended working platform system for various applications consists of three main elements:

Platform, supporting frame, G-trac® hoist and safety G-lock® brake. The modular suspended platform system is versatile applicable with projects where scaffolding is insufficient or simply uneconomical.

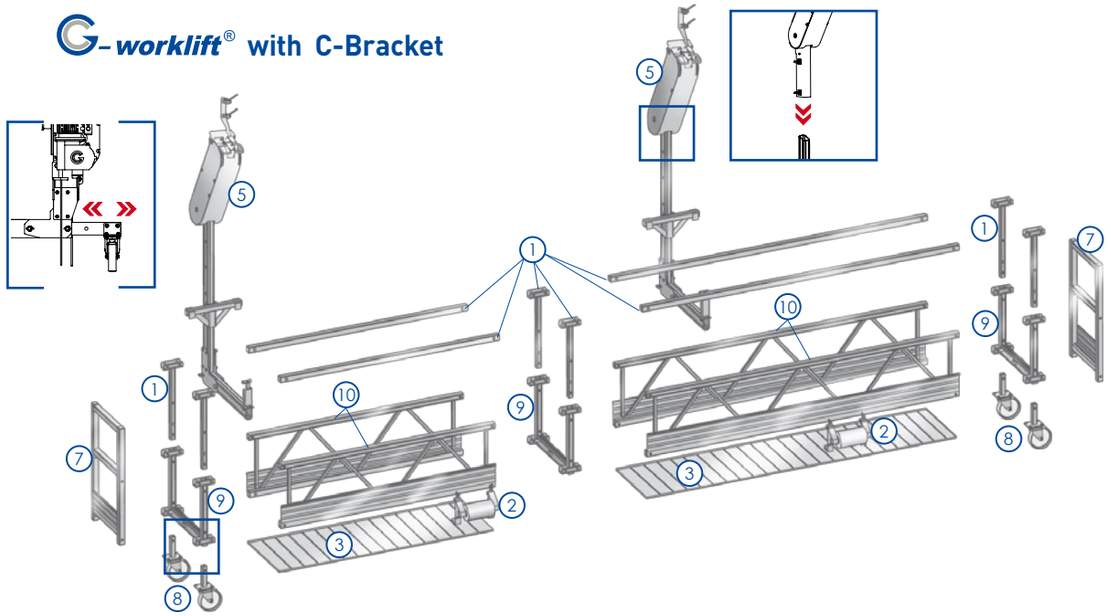
Thanks to the variety of applications of the G-worklift®, complex structures can also be accessed. The various system modules can be used to assemble many standard and special platform configurations.

The standard platform configurations are CE certified.

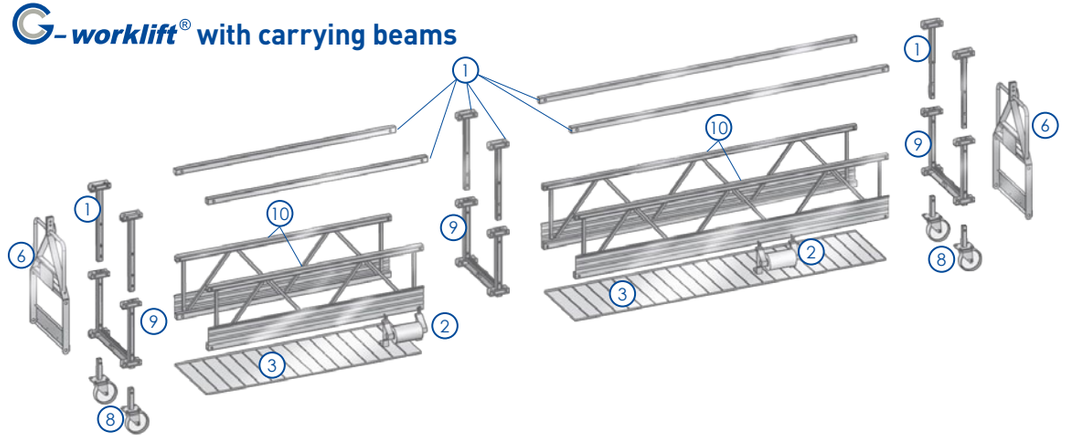
Your advantages:

- Best quality of design and materials
- With the the accessible heights are unlimited
- Flexibility due to many standard and special platform configurations
- Simple transportation thanks to the modular system
- provides high load capacity through low net weight.
- Quick assembly and disassembly without the need for special tools
- Certified according to EN 1802 as well as BGR 159 and CE.

G-worklift® with C-Bracket



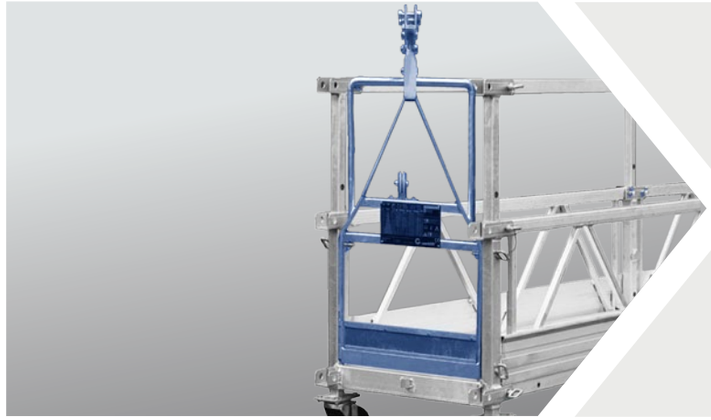
G-worklift® with carrying beams



G-worklift®	
1	Railing and Railing Supports
2	Distance retainer
3	Flooring
4	G-quickpin
5	C-Bracket
6	Galvanized carrying beam
7	Endguardrail (necessary if C-brackets are used)
8	Swivel castors with brake (for the C-bracket)
9	Cross beams (platform connecting elements)
10	Side frames
11	Adjustable corner-sections
12	Fixed corner-sections

G-worklift® with C-Bracket

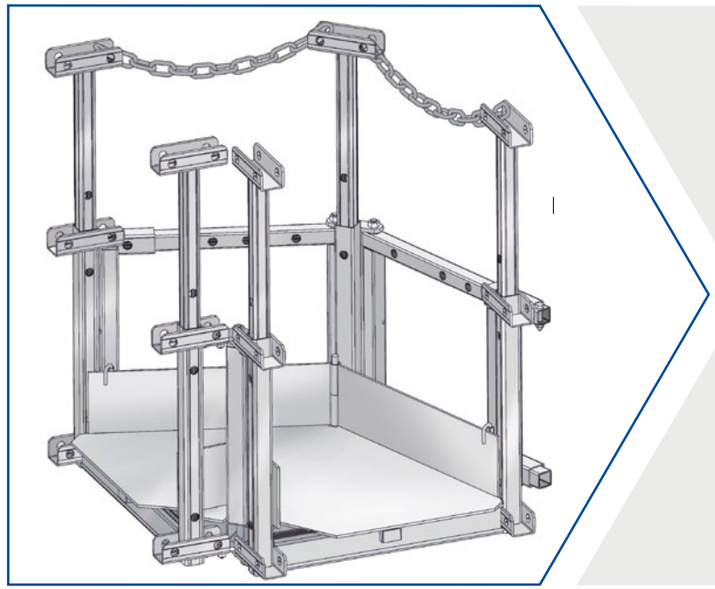
- C-brackets are used if the total platform length exceeds the distance between ropes/hoists. In this case the platform can be extended via the suspension points through the balcony overhang.
- Maximum CE-certified platform length: 18 m
- Maximum load capacity, CE-load: 1080 kg
- The balcony with the C-bracket suspension is supposed to be equally long on both sides and should be assembled according to below chart.
- Please consider the maximum distance between hoist and the maximum admissible extension as listed in the chart.



G-worklift® with carrying beams

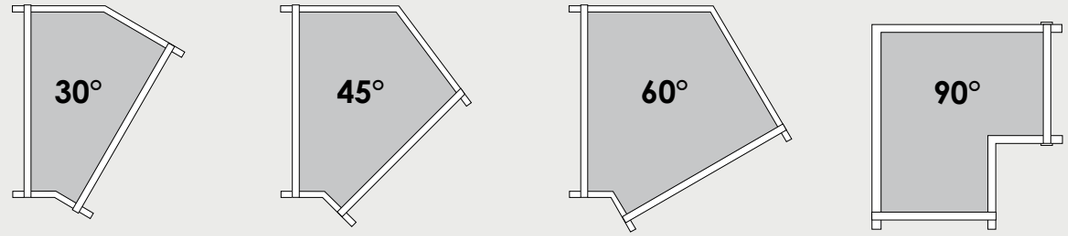
- Carrying beams with G-trac® are mounted to each end of the platform.
- Maximum platform length:12 m
- Maximum distributed load: 1260 kg.
- The load is to be equally distributed over the length of the platform with a maximum area load of 300 kg/m2 (=180 kg/m).

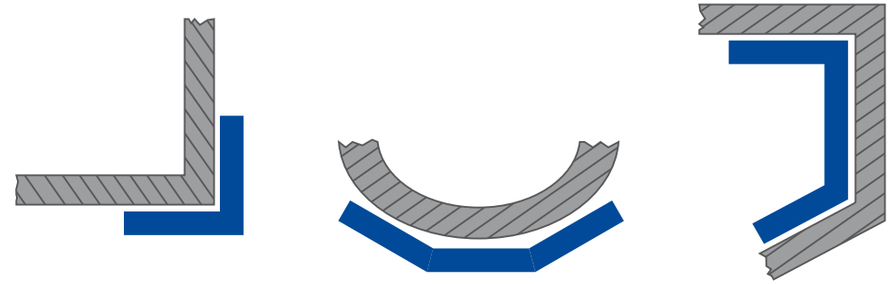
G-worklift®

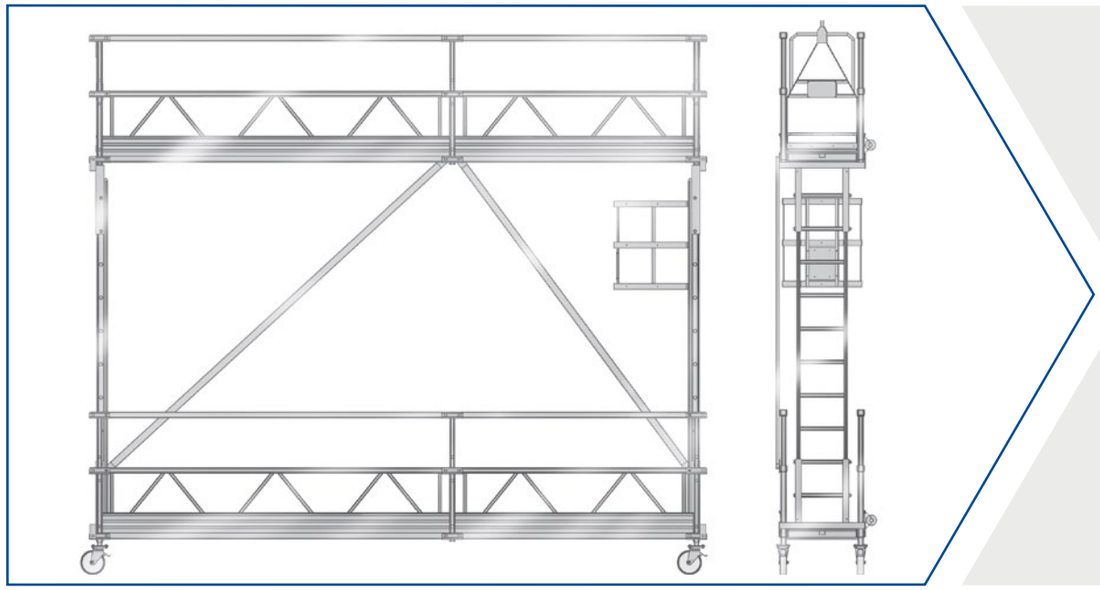


Standard corner-sections

Corner-sections can be adjusted to any building shape. The optimum distance to the work surface can thus be granted







Double deck suspended platform

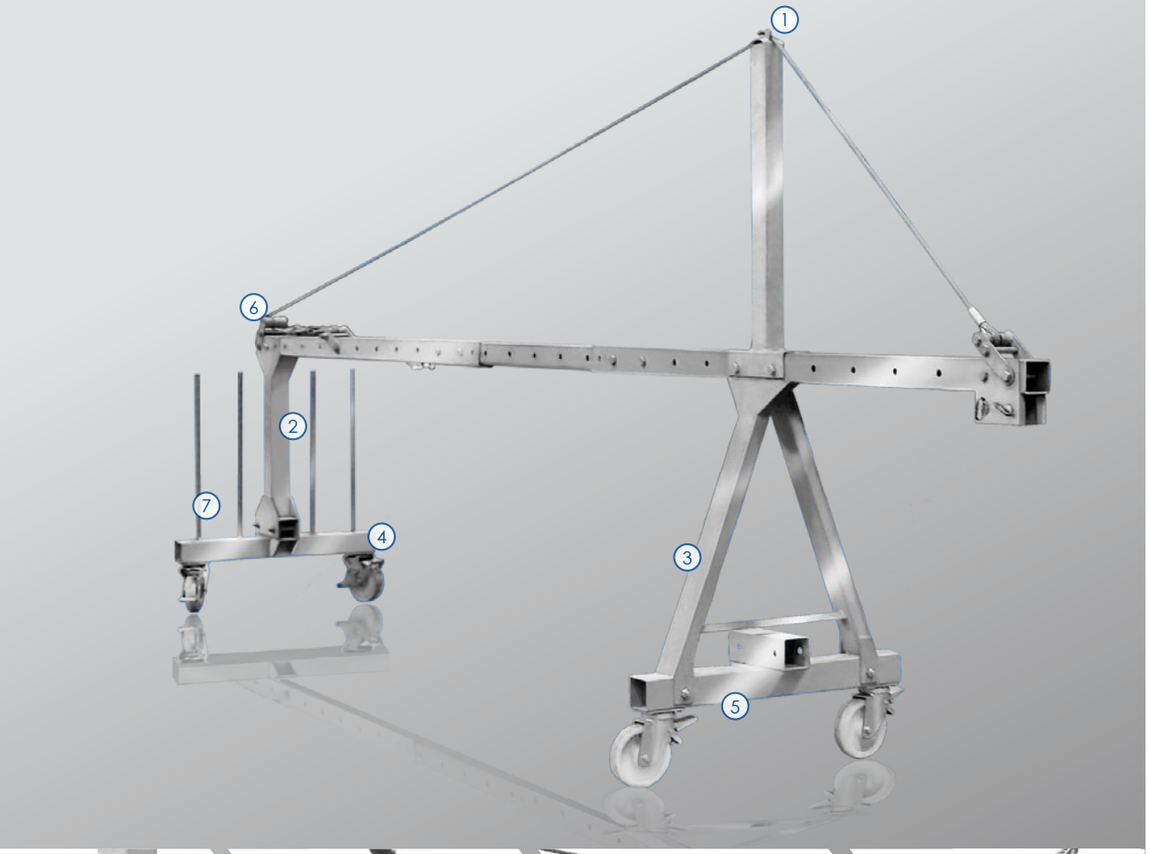
By using the double deck system, the standard modular working platform can be extended to a double deck platform. This allows working simultaneously on different levels.

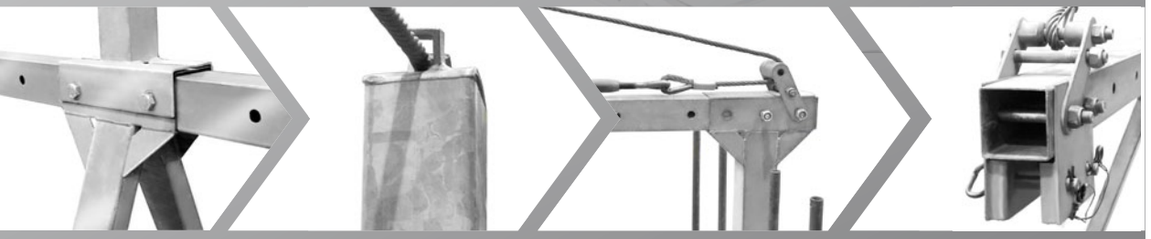
A lead frame provides the connection on each end of the platform. The different levels can safely be accessed through a bottom flap on the upper deck and a ladder with hoop guard.

Your advantages:

- Working simultaneously on different levels
- Platform lengths from 2 m to 10 m
- Only two hoists are necessary for lifting and lowering of the platform
- 3 m standard height between the different levels (other distances possible)
- Ideal solution for the assembly of facade elements

G-worklift®



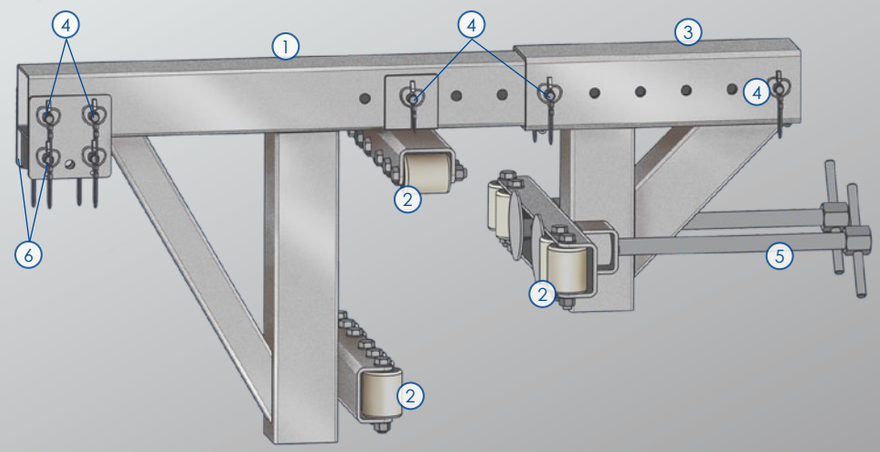


Flat roof jib

- Galvanized steel construction: Site-friendly, robust and protected against all weather conditions.
- Every component fits into a standard internal plug-in
- Ergonomically designed counterweights
- A variety of possibilities for various attic heights (high and low versions)
- CE-certified (as part of an overall system)
- Distance between front stand member and rear stand is variable in length (from 2.32 m to 5.92 m)
- Extension versatile in length (standard from 0.8 m to 2 m)
- Options: Extra-long telescopic tube for longer extensions

1	Cable guide
2	Pillar at the rear
3	Pillar at the front
4	Counterweight Traverse at the rear
5	Traverse at the front
6	Deflection bow
7	Counterweight

G-worklift®



parapet clamp

- parapet clamps are moved on synthetic castors.
- Adaptation to the parapet thickness in grid increments.
- All galvanized components.

1	base beam
2	landing gear
3	clamp unit
4	safety pin
5	stepless adjustment to adapt to the parapet strength
6	Bracket for fixing the traction and safety ropes

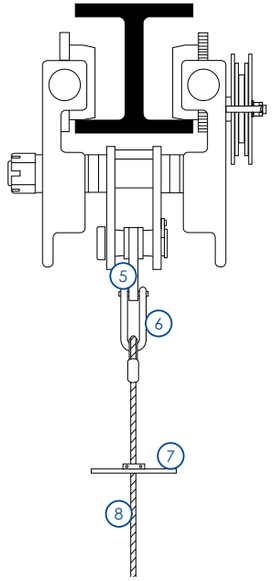
! Attention

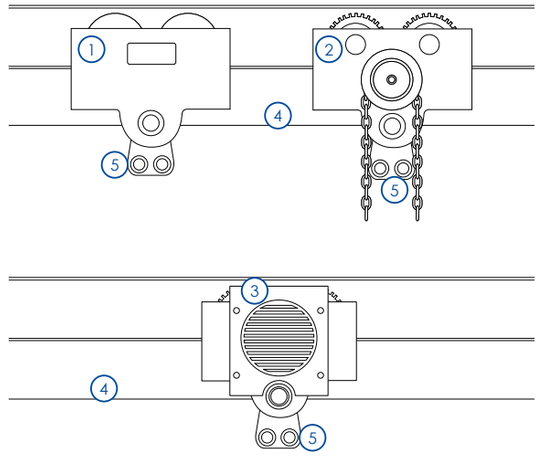
Check the sustainability of parape!
Usually, only steel structures and reinforced concrete parapets are suitable.

Trolleys (on-site rails)

Where a sufficiently strong support construction exists or can be mounted, for example, in our jibs and parapet clamps, hang your worklift just a chassis.

Here you make a lateral process of the platform, manually or power operated.





1	Traveling trolley
2	Bobbin trolley
3	Electric trolley
4	Coupling rod
5	Three-point wire suspension
6	Shackle
7	Stop plate (limit switch tripping)
8	Driving / safety rope

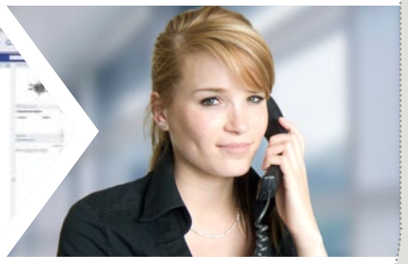
G-service

goracon Service

Best quality and optimum service – If you decide to purchase a goracon product you will get both of these during and after purchase.

You will have a competent and reliable partner at your side who you need for the stringent requirements in the wind energy branch.



G-care

Maintenance, Inspection, Repair

Decreasing availability and increasing repair costs of aging plants – this is not necessary!

You always have the option of entering into a maintenance contract with goracon when purchasing a goracon system. Apart from higher guarantees for your investment, further benefits include regular maintenance, longer service life, minimised repair costs, higher availability and above all constantly high safety for your staff. Faults can be detected and repaired early before a time-consuming and cost-intensive breakdown occurs. We also provide a comprehensive and chronological documentation of the machine status.

With a goracon maintenance contract, the life-cycle costs for your system are calculable and permanently low.

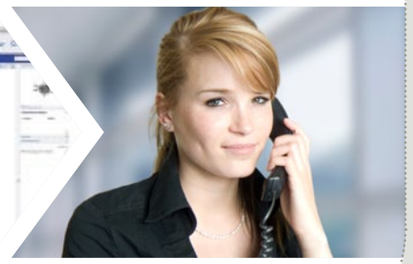
G-claim

Critics, Suggestions, Complaints

Our experts are also immediately available with quickly, uncomplicated and competent help should your goracon product ever not function as required despite extensive goracon quality checks.

Regardless whether a fault needs repairing, a detailed query needs urgently answering or support is needed for a different reason: At goracon, the right specialist is always available and complaints will always be treated with priority.

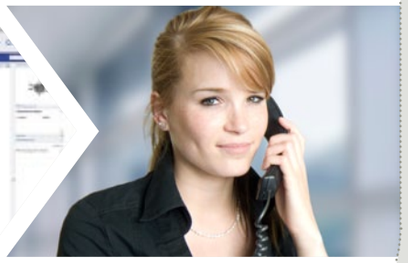
goracon will always restore the target condition of the system first and ask for reasons afterwards. Every failure will be analysed immediately according to the goracon quality philosophy and appropriate in-house measures will be instigated to avoid the malfunction recurring in future.



G-warranty

We stand by our plants!

We are pleased to assure our customers of this self-image, which arises from the highest in-house quality require-ments. We have such absolute confidence in the performance of our systems we double the warranty period for systems with a maintenance contract.



G-parts

goracon Original Spare Parts

Safety plays an especially important role in the area of the height access technology for wind energy. Only the best quality of spare and wear parts can permanently ensure the safety of your employees and the full functionality of your systems.
We know about our customers' stringent requirements from long-term experience and continuously subject our spare and wear parts to extensive quality checks.

An optimised supply chain and widespread partner network help us realising to not only realise the highest quality but also the shortest delivery times at competitive prices for our customers.

And if even the shortest delivery times leave no room for manoeuvre because of the threat of enormous stoppage costs in case of a system defect, we are pleased to be able to support you with advice and develop a tailor-made spare parts storage concept together with you to provide the correct quantity of parts in case of breakdown without unnecessary capital commitment. We will set up an individual concept together with you which encompasses all identical parts within the system and also takes into account the probability of a breakdown, ensuring an optimum cost-benefit ratio.

G-school

Instruction, Training

Only instructed and trained personnel can safely operate your systems, use them appropriately, detect and remedy sources of danger, act correctly in emergency situations and instigate suitable measures in case of failures or defects.

Goracon training gives your personnel all the necessary theoretical and practical knowledge for safe and proper handling of your goracon products. Standardised training modules ensure constantly high training quality and also flexibility. The trainer can therefore deal with previously co-ordinated specific requirements or the spontaneously occurring individual needs of trainees. For us, a coordinated balance between theory and practice is just as much the key to successful training as the constantly relevant relationship to everyday working life and the clearly designed training media given to the participants.

The central goal of training for goracon products is always to generate strong safety awareness in the participants when handling goracon height access technology.