



Plug & Play

Little Helper. **G**igantic Effect!

goracon material hoist **G-smartrac®**, for economical and easier material handling.

- Unique pendulum feature
- Usable for any lifting height
- Top-Speed up to 30 m/min



The "little one" has a big effect!

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

How the **G-smartrac® 120** works:

Mobile motorized traction sheave hoist for any lifting height, flexible and economic assembly and installation work. Simple operation for working safely at heights. **G-smartrac® 120** 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 overloaded lifting operations, giving your hoist long lasting service life with low wear. Please contact us for further information or technical details!

G-smartrac® 150 vario...

variable and flexible!

With goracon's **G-smartrac® 150 vario** you can pull up loads way easier and more efficient. Thanks to its optimized control the **G-smartrac® 150 vario** enables you to move loads with variable speeds. A lower speed makes it easier to control the loads for careful lifting and setting and especially for passing obstacles. The high-speed mode is for a fast getting over long distances. Optionally available with a radio remote control.

- soft accelerating and breaking phase
- 2 speeds for lifting and lowering loads
- Optional radio remote control
- Stable housing



Features of the G-smartrac® 150 vario:

- increased system software efficiency
- traction sheave in a material for high and low-wear load cycles
- improved highly viscous lubricant for higher loads
- robust plug and connector
- equipped as standard with preparation for stageless speed adjustment (optional control necessary)
- visible operation hour meter
- improved sealing



G-smartrac® 300 vario...

300 kg payload!

With the G-smartrac® 300 vario you move loads up to 300 kg. With the optimized control of the G-smartrac® vario, lifting raising and lowering the load can easily be done using reduced speed. With the second stage, the usual top speed of the G-smartrac® 300 vario resumes.

- soft accelerating and breaking phase
- 2 speeds for lifting and lowering loads
- 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



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! Eliminate empty runs with unloaded operations and increase your efficiency!
- 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 / 150 / 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 limit switches
- Low-maintenance!

G-smartrac® can be used for multiple applications such as trailer coupling adapter or e.g. with a loading ramp etc.

Due to the principle of continuous traction hoist, **the lifting height can be freely selected**. Optional use with a radio remote control is possible.

Hoisting of tools, ropes, cable strands, mounting material and guide rails in lift or scaffolding construction .

Typical fields of use: Quick installation of supporting, guiding- and safety ropes at working platforms and blade access platforms and many more.

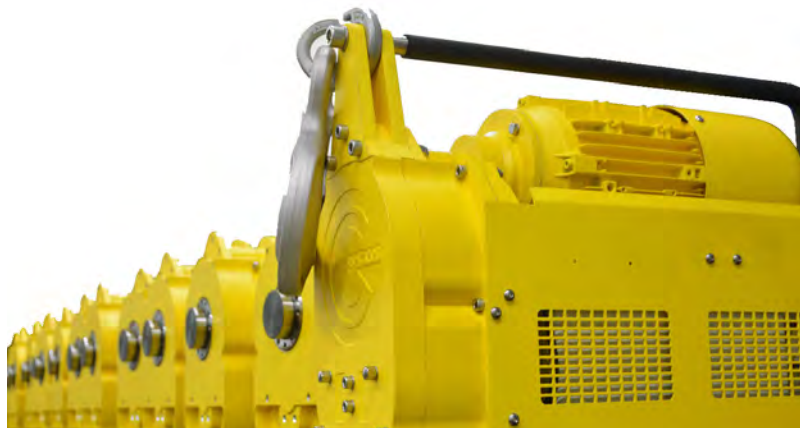
Special applications on request.



Must construction

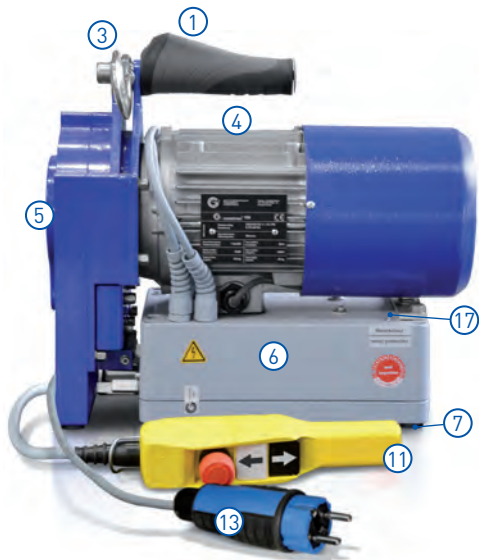


be on every
site



Special series on request

120 kg



150 kg

vario

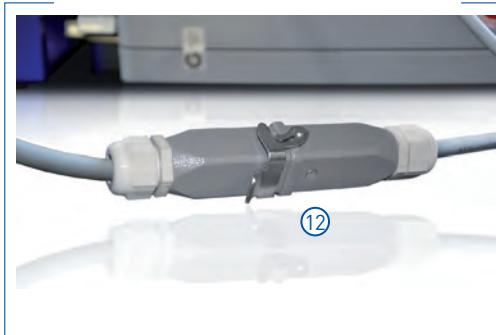
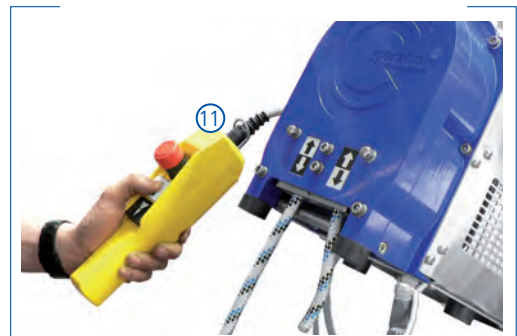


Technical data**	G-smartrac® 120	G-smartrac® 150 vario	G-smartrac® 300 vario
Load capacity	120 kg*	150 kg*	300 kg*
Rope speed	30 m/min	13/30 m/min (with soft start)	6/17 m/min (with soft start)
Voltage	230 V AC / 50 Hz	230 V AC / 50 Hz	230 V AC / 50 Hz
Output	0,75 kW	0,75 kW	1,1 kW
Rated current	ca. 6 A	ca. 8,3 A	ca. 7,5 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
EMC	–	Limit for the use in the second environment, category C3***	Limit for the use in the second environment, category C3***
Option radio remote control	range of 200 m in a cleared area / radio frequency 433 MHZ	range of 200 m in a cleared area / radio frequency 433 MHZ	range of 200 m in a cleared area / radio frequency 433 MHZ

* increased pulling force by using block and tackle hoisting. (2 x 120 kg, 2 x 150 kg or 2 x 300 kg).

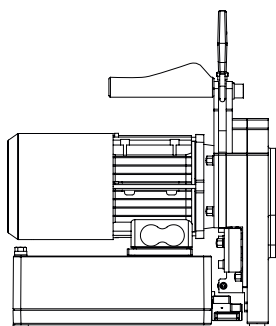
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*** Limit for the use in the first environment, category C1 on demand.

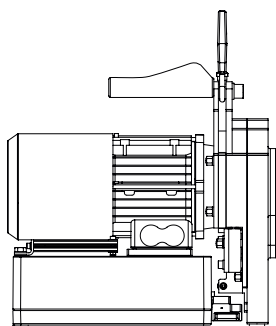


Features

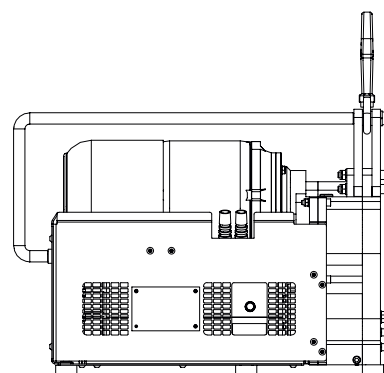
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|----|---------------------------------|----|--|
| 1 | Carrying handle 120 / 150 vario | 11 | Pendant control with push buttons and emergency stop (pluggable) |
| 2 | Handle / guard 300 vario | 12 | Pluggable control cable extensions on request |
| 3 | Devices hoes | 13 | Safety plug |
| 4 | Electric motor with brake | 14 | Receiver for radio remote control |
| 5 | Housing with traction sheave | 15 | Transmitter for radio remote control |
| 6 | Control unit | 16 | Housing for the control unit |
| 7 | Device base | 17 | Overload indicator |
| 8 | Kernmantle rope | 18 | Operating hour's meter at the G-smartrac 150 vario and 300 vario |
| 9 | Rope and hook terminal | | |
| 10 | Load hook | | |



G-smartrac 120



G-smartrac 150 vario



G-smartrac 300 vario

Features**	G-smartrac 120	G-smartrac 150 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 150 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 limit switches	•	•	•
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 (car, van)	—	—	•

Optional accessories** for G-smartrac® 120 ●, G-smartrac® 150 vario ●, G-smartrac® 300 vario ●.



89584 Kernmantle rope
9 mm Ø ● ●
99231 Kernmantle rope
11 mm Ø ●



90327 Safety hook
1/4 ● ●
99232 Safety hook
5/16 ●



90328 Load hook
protection ● ● ●



11735 Radio remote control
with transmitter ● ● ●



11739 Pendant control 2,5 m ●
14417 Pendant control
2,5 m ● ●



G-case (device case) L
89587 G-case ● ●



G-case* (device case) XL
10962 G-case ● ●



G-case (device case) XXL
99916 G-case ●



G-bag (rope bag)
89586 G-bag L ● ● ●
10883 G-bag XL ● ● ●
10956 G-bag XXL ● ● ●



89279 Rope tip burner
● ● ●



90329 Cutter ● ● ●



99547 Protective housing 150 ●



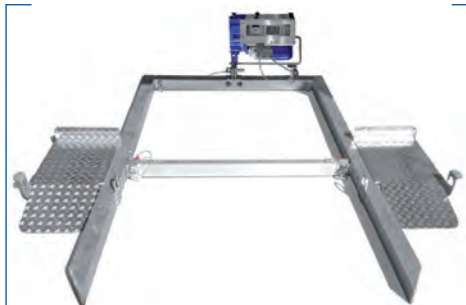
90307 Trailer coupling adapter
● ●



11019 Pulley
● ● ●



20123 Reeving-Kit
300 kg ● ●
20124 Reeving-Kit
600kg ●

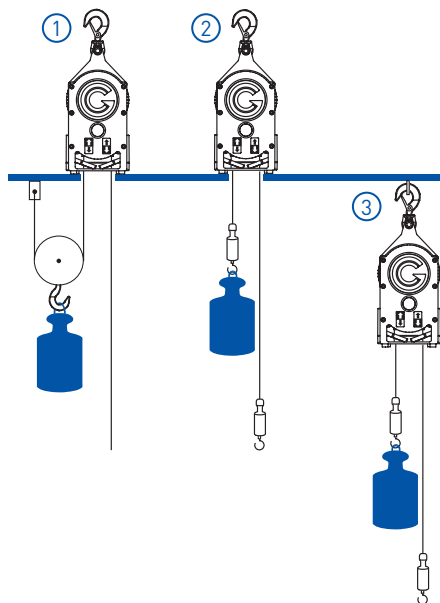


15104 Loading ramp (car/ van) ●

* The G-case (item number 10962) is made of heavy duty HDPE plastic, with 2 build in rollers, 1 pull-out handle, reinforced with aluminum shutter profiles, Steel handle with rubber, with spring return, toggle fastener made of galvanized steel, stackable, air freight suitable according to ATA300 standard

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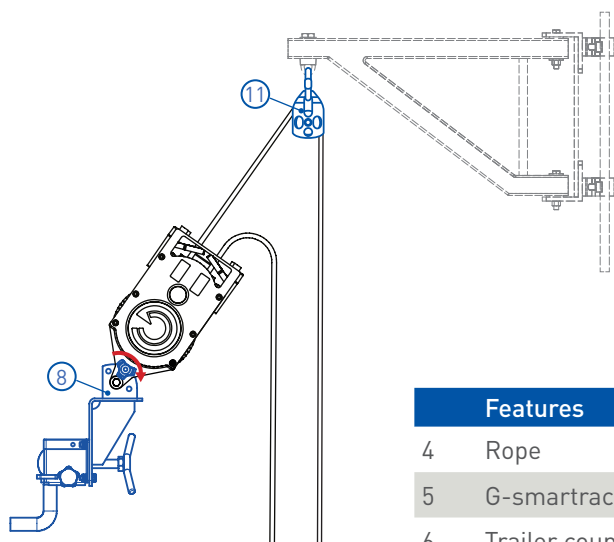
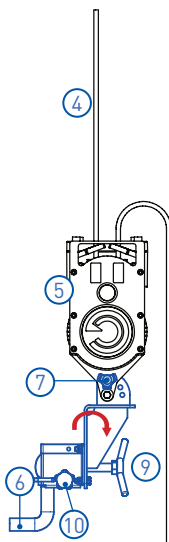
Increase pulling force by using block and tackle hoisting



Position **G-smartrac®** on a fix and stable underground with each foot or fix it at the hook on top of the machine.

1. Increase pulling force by using block and tackle hoisting (2 x 120 kg, 2 x 150 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 placement of the **G-smartrac®** near the ground



Features

- | | |
|----|---------------------------------|
| 4 | Rope |
| 5 | G-smartrac |
| 6 | Trailer coupling |
| 7 | Bolt locking |
| 8 | Angular adjustment 90°/60°/30° |
| 9 | Quick assembling by knee lever! |
| 10 | Safety locking |
| 11 | Pulley |





Best quality. Optimal service.

Safety plays an especially important role in the area of the load transport. 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.

G-service

G-care

G-school

G-parts



G-service, G-parts and G-school

- Customized service performed by goracon technicians
- Short delivery times for spare parts through optimized logistics
- Targeted placement of required specialist knowledge

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Technical changes are subject to change
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