



# CRANE HIRE & CONTRACT LIFTING

- > Spider Cranes
- > Truck Mounted Cranes
- > Glazing Robots
- > Vacuum Lifters
- > Powered Access
- > Rope Access



# CRANE HIRE SERVICES

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## CONTRACT LIFTING

All of our contract lifts are carried out in line with the British Standard Code of Practice for safe use of cranes BS-7121 and LOLER. NXGEN will provide fully trained and highly experienced operatives to carry out all Contract Lifts and our experienced Appointed Person will carry out a full site survey to produce a Lift Plan and Method Statement. As part of this service you will also be covered under NXGEN's insurance.

All of our operatives hold more than one accreditation, ensuring we supply the most experienced. With Health and Safety at the forefront of everything we do, we ensure all our operatives are trained to the highest standards as well providing them with our own in house familiarisation for any new cranes that are added into our fleet.

### What's included?

- Crane and Accessories
- Appointed Person
- Site Survey
- Lift Plan / Method Statement / Insurances
- All required lift personnel
- Full compliance with LOLER and BS7121

## CPA HIRE ONLY

We can deliver your chosen crane and lifting accessories to your on-site team, whether it be operated by your own trained personnel or operators hired from NXGEN.

As part of our commitment to customers we can also organise on-site familiarisation upon delivery of the crane, ensuring confidence using the equipment hired.

Please note by choosing this service the hirer will be fully responsible for all lifting operations on site.

## OPERATOR HIRE

NXGEN'S team of highly skilled operators have the experience to take on more complex lifts using our range of cranes, glazing robots and lifting equipment. Operators available throughout the UK.



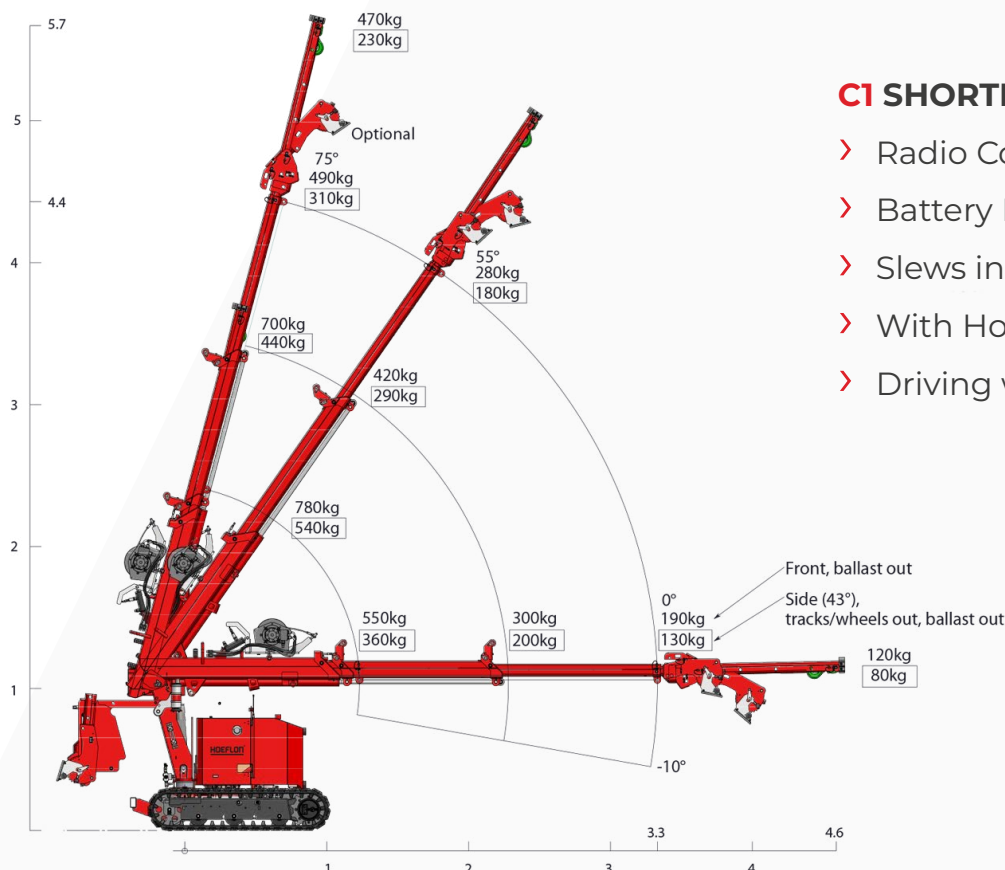
# TABLE OF CONTENTS

COMPACT CRANES	4
GLAZING ROBOTS	22
FLOOR CRANES	25
TRUCK MOUNTED CRANES	27
VACUUM LIFTERS	28
ACCESSORIES	33
POWERED ACCESS	37
ROPE ACCESS	40
CUSTOMER TESTIMONIALS	41

# HOEFLON C1 PICK & CARRY CRANE

The C1 mini-crane is small yet powerful! Its compact size allows you to transport this minicrane on a trailer or in a van. The crane fits in a lift, which makes transport to an upper floor or the roof as easy as can be. Thanks to the crawler tracks, the crane can easily drive over a rough surface yet causes no damage to floors that are already finished.

The crane makes use of smart software that guarantees workplace safety. The C1 is the ultimate solution for lifting glass panels and other heavy construction materials to difficult-to-reach places at a project site.



## C1 SHORTLY

- > Radio Control
- > Battery Drive
- > Slews in both directions
- > With Hoisting winch
- > Driving with Load

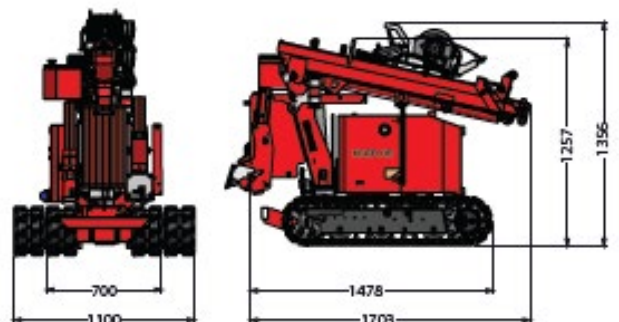
## Standard Configuration

Capacity	550 kg
Boom outreach	4.6 m, and 3.3 m without options
Hoisting height	5.6 m, and 4.4 m without options
Transport position (l x w x h)	1.75 x 0.7 x 1.26 m
Total weight	960 kg, and 1060 kg with options
Boom angle	-5° to 75°
Boom system	Cylinder and chain system
Slewing angle	136°
Driving speed	1st gear 0.5 km/h 2nd gear 1.1 km/h
Drive	Battery
Inclination angle, driving	20°
Tilt angle, driving	22°
Ground pressure, tracks, transport	0.28 kg/cm <sup>2</sup>  0.31 kg/cm <sup>2</sup> fully configured 1.04 kg/cm <sup>2</sup> with payload (780 kg)
Extendible, removable ballast	290 kg
Transport rack	150 kg
Sound pressure level	65 dB



## Accessories & Options

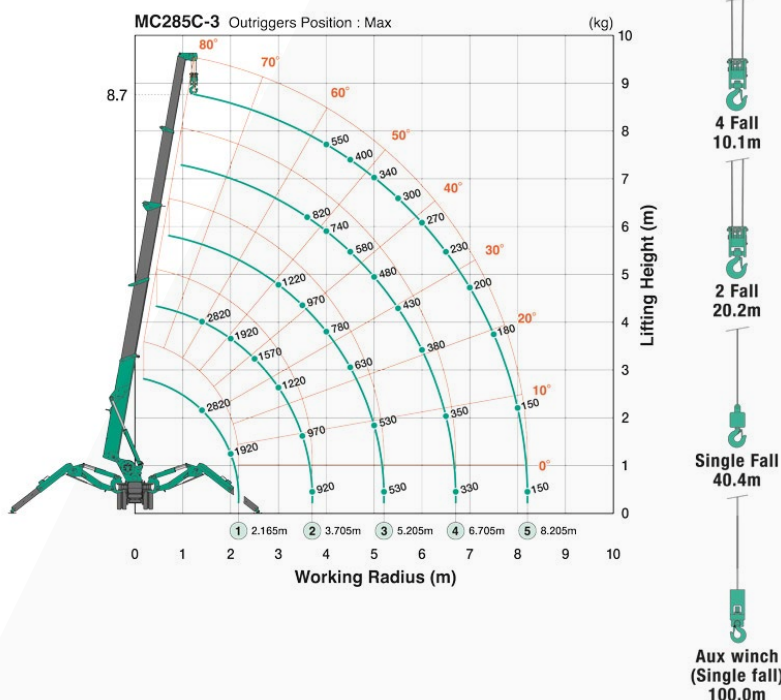
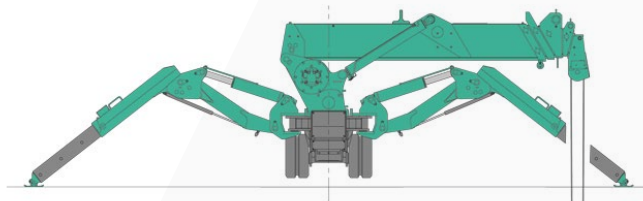
Dimensions (with options)	1.86 × 0.94 × 1.4 m (fully configured)
Winch (50kg) <sup>1</sup>	460 kg
Winch cable	25 m
Winch head	12 kg
Extension section (11kg) <sup>2</sup>	925 mm
Adjustable section	30° adjustment range
Tracks <sup>3</sup>	Non-marking
Storage box <sup>4</sup>	
Converter	230V / 24V



# MAEDA 285 SPIDER CRANE

The MC285C-3 makes our most popular model of mini cranes even more versatile. The multi position outrigger system is controlled by moment limiter which means operators can set the outriggers in different positions and still lift a load according to the maximum rated total load between outriggers that are fully extended.

New features to the MC285C-3 model also include slew angle limit setting, new 7" display, HBC radio remote control and detachable electric motor.



## 285 SHORTLY

- › Slim Body Width : 750mm
- › Slew Angle Limit Setting
- › Multi Outrigger Positions
- › Multi Outrigger Lifting Mode
- › Crane/Outrigger Interlock System
- › Digital Feedback Remote Control
- › 4 Fall/2 Fall Hook Block
- › EU Stage V Compliant Engine

## Standard Configuration

Crane Capacity	2.82t x 1.4m
Max. Working Radius	8.205m x 0.15t
Max.Lifting Height	8.7m
Max. Reach Below Ground	-10.1m (4 falls)
Max. Reach Below Ground (Aux Winch)	-100m (single fall)
Outrigger Max.Extended Width	(Lateral) 4,782mm x (Front) 4,718mm x (Rear) 3,990mm
Travel Speed	0-2.2km/h
Travel Ground Pressure (MC285CWM-3)	50.0kpa (0.510kgf/c2)
Travel Ground Pressure (MC285CWME-3)	54.3kpa (0.554kgf/c2)
Engine	YANMAR 2TNV70-NMBA / Diesel
Rated Output	7.4kw/2,500rpm
Engine (*MC285CGRM-2)	Briggs & Stratton 3564 / Petrol
Engine Rated Output (*MC285CGRM-2)	10.8kw/2,600rpm
Electric Motor	5.5kw, 4P 380V
Dimensions (MC285CWM-3)	2,800mm (L) x 750mm (W) x 1,470mm (H)
Dimensions (MC285CWME-3)	3,285mm (L) x 750mm (W) x 1,470mm (H)
Machine Weight (MC285CWM-3)	1,990kg
Machine Weight (MC285CWME-3)	2,160kg



**AVAILABLE EXCLUSIVELY FROM NXG**

# HOEFLOON C4 SPIDER CRANE

The defining aspect of the C4 compact crane is the low net weight of the machine. This allows it to be easily transported on a trailer suitable for vehicles with lower towing capacity, so this machine can be used anywhere.

The options available for this mini-crane make it simple to turn the C4 into a fully featured lifting crane. The options available for this mini-crane make it simple to expand the C4 to serve as a deluxe lifting crane.



## Standard Configuration

Capacity	2,350 kg
Boom outreach	7.3 m, and 11.75 m with options
Hoisting height max. without jib	9.7 m, and 14.6 m with options
Transport dimensions L×W×H	2.95 x 0.75 x 1.75 m
Total weight	1,900 kg, and 2,150 kg with options
Boom angle	-5° to 83°
Boom system	cylinder and chain system
Slewing angle	360°
Driving speed	1st gear: 1.2 km/h, 2nd gear: 2.4 km/h,
Engine	Honda petrol engine
Inclination angle, driving	20°
Outrigger pressure	2,450 kg per outrigger
Ground pressure, tracks	0.52 kg/cm <sup>2</sup>
Ballast weight	115 kg
Noise	75 dB

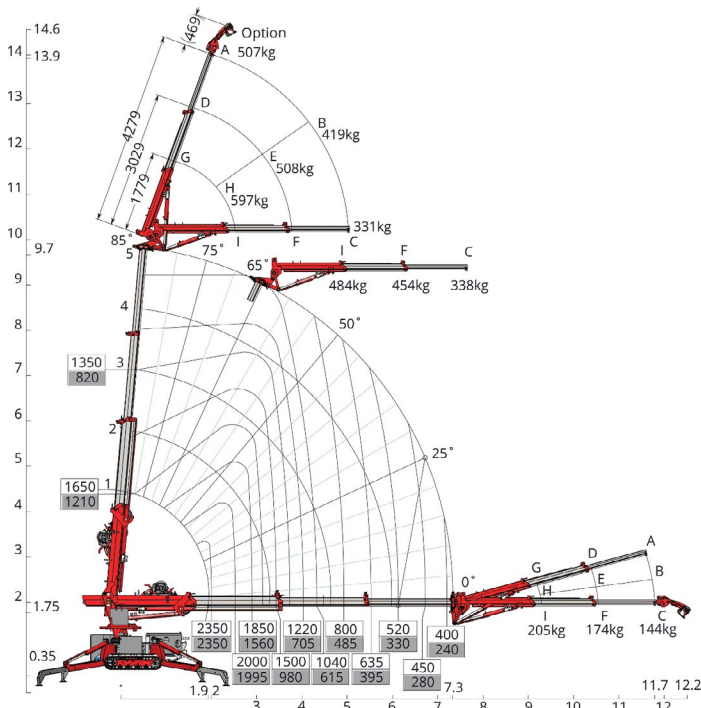
### Accessories/Options

Dimensions including winch and jib	3.05 x 0.75 x 1.95 m
Fly jib <sup>1</sup>	4.3 m
Winch <sup>2</sup>	1,000 kg, 2,000 kg and 2,350 kg
Extension section <sup>3</sup>	30° adjustable
Winch cable	40 m
Outriggers <sup>4</sup>	bend
Outriggers	hydraulically extending stepless
Slewing	unlimited
Crawler <sup>5</sup>	non-marking
Lighting	work light on boom and jib
Storage box <sup>6</sup>	extra storage box
Speed controller	900 to 1700 rpm



### C4 SHORTLY

- > Manoeuvrable with extreme precision
- > Remote control for outrigger, driving and crane functions
- > Hydraulically adjustable tracks
- > Tie-down hooks for trailer
- > One lifting point



AVAILABLE EXCLUSIVELY FROM NXG

## HOEFLOON C4E SPIDER CRANE

### Specifications

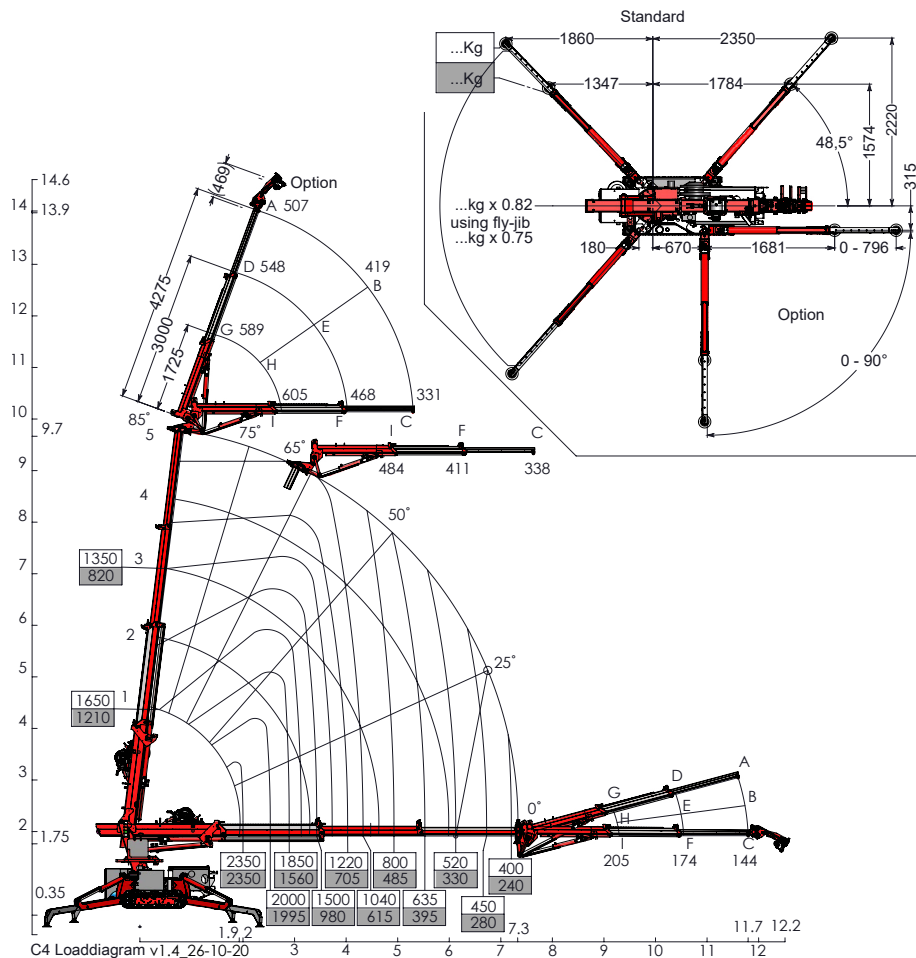
Capacity	2,350 KG
Boom outreach	7.3 m and 11.75 m with options
Capacity at max. outreach	144 kg
Winch capacity	3000 kg, 1000 kg
Lifting height incl. jib	15,1 meters
Max. outreach incl. jib	11.7 m
Jib length	4.3 m
Boom outreach	11.7 m and without options 7.3 m
Boom angle	-5 tot 83 degrees
Incline angle	20 degrees
Slewing range	Endless
Dimensions L x W x H	2.8m x 0.75m x 1.2m
Dimensions incl. options	3.04m x 0.75m x 1.95m, 3,04m x 0,75m x 1,95m
Total weight incl. options	2150 kg
Total weight excl. options	1900 kg
Ground pressure	0.59 kg/cm <sup>2</sup>
Charging options	230 V



The C4e has a maximum lifting capacity of 2350 kg. Thanks to its compact dimensions and low weight, this crane can easily reach difficult-to-access areas, such as basements, upper floors and rooftops. Furthermore, the mini crane is easy to transport on a trailer.

### C4E SHORTLY

- > Powerful performance in a compact design
- > Flexible, stable, and ready for any job
- > Folding legs for uneven surfaces
- > Easy to transport
- > Fully electric, zero emissions



# HOEFLON C6 SPIDER CRANE

Multifunctional, robust and very simple operation- that's the C6 compact crane in a nutshell. It's a best seller in the minicrane category. This crane is ideal for placing glass and accurately positioning steel beams.



## C6 SHORTLY

- › An easy to use, wireless remote controlled machine
- › Transport with a trailer, 3,500 kg
- › Electric motor 230 V
- › Very Low Machine weight with high hoisting capacity
- › The machine can be operational at 16 metres within three minutes

## Standard Configuration

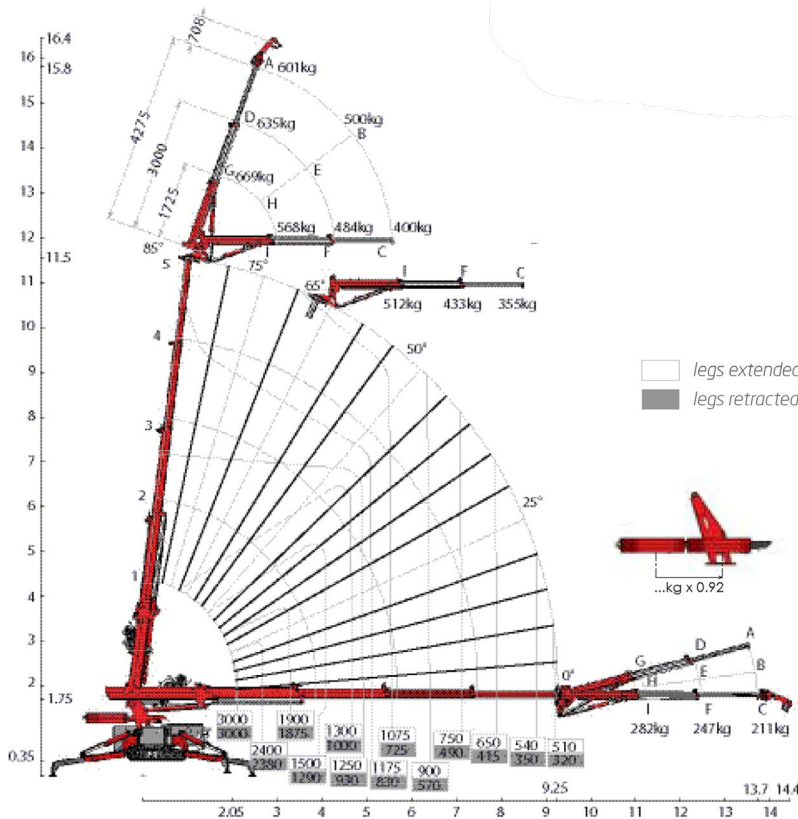
Capacity	3,000 kg
Boom outreach	9.25 m, and 13.7 m with options
Hoisting height max. without jib	11.5 m, and 17 m with options
Transport dimensions L×W×H	2.9 m x 0.75 m x 1.82 m
Total weight	2,650 kg, and 2,850 kg with options
Boom angle	-5° to 83°
Boom system	cylinder and chain system
Slewing angle	360°
Driving speed	1st gear: 1.1 km/h, 2nd gear: 2.2 km/h
Engine	Yanmar 3-cylinder diesel
Inclination angle, driving	20°
Outrigger pressure	2,800 kg per outrigger
Ground pressure, tracks	0.79 kg/cm <sup>2</sup>
Extendible, removable ballast	600 kg
Noise	75 dB

### Accessories/Options

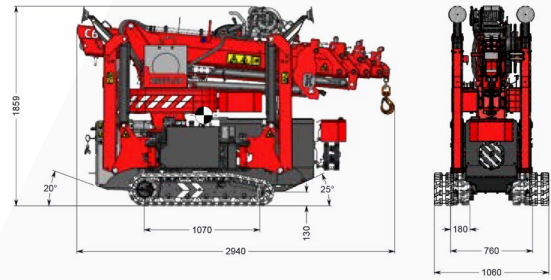
Dimensions including winch and jib	3.14 m x 0.75 m x 1.95 m
Fly jib <sup>1</sup>	4.3 m
Winch <sup>2</sup>	1,000 kg, 2,000 kg and 3,000 kg
Hoisting speed with winch	20.8 m/min
Winch cable	40 m long
Extension section <sup>3</sup>	30° adjustable
Electric motor	230 V single phase
Outriggers	position measuring system for steplessly swivelling outriggers
Outriggers <sup>4</sup>	bend
Outriggers	hydraulically extending stepless
Slewing	unlimited
Crawler <sup>5</sup>	non-marking
Lighting	work light on boom and jib
Storage box <sup>6</sup>	extra storage box
Speed controller	900 to 1,700 rpm



### With counterweight

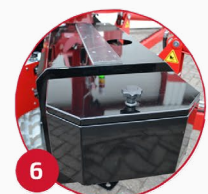


# HOEFLON C6E SPIDER CRANE



## Standard Configuration

Capacity	3,000 KG
Boom outreach	9.25 m and 13.7 m with options
Hoist height man. without jib	11.5 m and 17 m with options
Transport dimensions LxWxH	2.9 x 0.75 x 1.82 m
Total weight options	2,650 kg and 2,850 kg with options
Boom Angle	- 5° to 83 °
Boom system	Cylinder and chain system
Slewing angle	360 °
Noise	75 dB
Driving Speed	1st gear 1.1 km/h 2nd gear 2.2 km/h
Engine	Yanmar 3-cylinder diesel
Inclination angle, driving	20°
Outrigger pressure	2,800 kg per outrigger
Ground Pressure, Tracks	0.79 kg/cm <sup>2</sup>
Bellast weight	600kg



## Standard Configuration

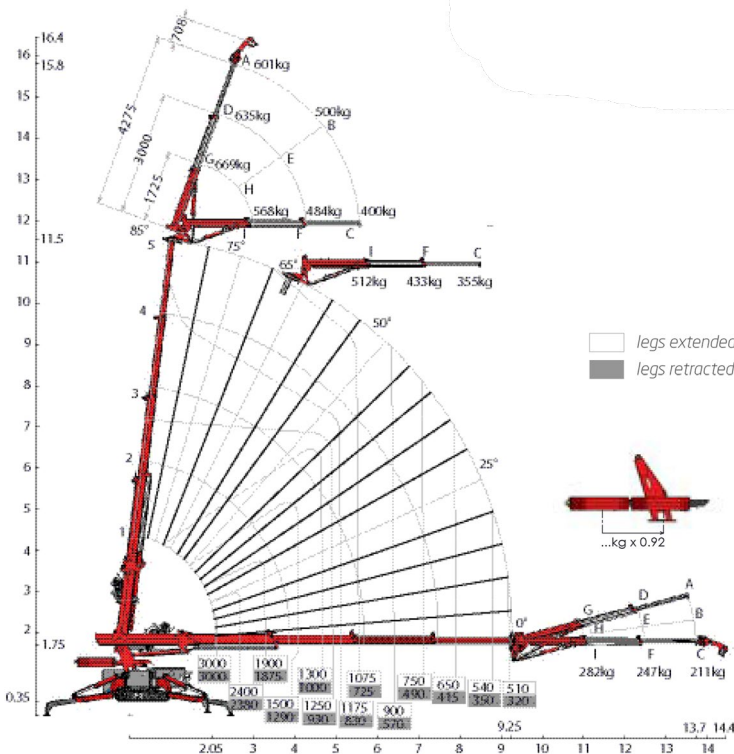
Dimensions including winch	3.14 m x 0.75 m x 1.95 m
Fly Jib	4.3 m
Winch	1,000kg, 2,000kg and 3,000kg
Hoisting speed with winch	20.8m/min winch cable
Winch cable	40m long
Extension section	30 ° adjustable
Electric Motor	230V Single phase
Outriggers	Position measuring system
Outriggers	Bend
Outriggers	Hydraulically extending stepless
Slewing	Unlimited
Crawler	Non-marking
Lighting	Work light on boom and jib
Speed Controller	900 to 1,700rpm
Storage box	Extra storage box

The Hoeflon C6e is a fully electric mini crane ideal for indoor and inner-city lifting, including glass installation and steel positioning. Its dual battery system delivers up to eight hours of use with a full recharge in five hours.

With a 3,000 kg lifting capacity and over 11 m of reach, it performs powerfully in tight spaces. Variable outriggers and a luffing fly jib allow it to access areas other cranes can't — all with simple, intuitive controls for safe, accurate operation.

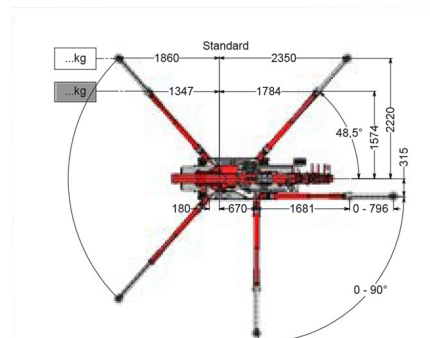


**With counterweight**



**C6e SHORTLY**

- An easy to use, wireless remote controlled machine
- Transport with a trailer, 3,500 kg
- Electric motor 230 V
- Very Low Machine weight with high hoisting capacity
- The machine can be operational at 16 metres within three minutes



# MAEDA 405 SPIDER CRANE

## Standard Configuration

Crane Capacity	3.83t x 2.7m
Max. Working Radius	16m x 0.21t
Max. Lifting Height	16.8m (20.7m with fly jib)
Max. Reach Below Ground	-20.5m (4 falls)
Outrigger Max. Extended Width	(Lateral) 5,786mm x (Front) 5,118mm x (Rear) 5,520mm
Pick & Carry Capacity	500kg
Travel Speed	0-3.3km/h
Travel Ground Pressure (MC405CRM)	49.0kpa [0.50kgf/cm <sup>2</sup> ]
Travel Ground Pressure (MC405CRME)	51.0kpa [0.52kgf/cm <sup>2</sup> ]
Engine	YANMAR 3TNV88-BPMB / Diesel
Engine Rated Output	21.4kw/2,400rpm
Electric Motor	7.5kw, 4P 380V
Dimensions	4,980mm (L) x 1,380mm (W) x 1,980mm (H)
Machine Weight	5,600kg (5,750kg with electric motor) (Fly jib: +150kg)







## Standard Configuration

Capacity	4.000kg
Boom outreach	13.7m, and 19.8m with options
Hoisting height	16.3m, and 22m with options
Transport dimensions LxWxH	3.93m x 0.80m x 1.97m
Total weight	4.400kg, and 4.700kg with options
Boom angle	-5° to 83°
Boom system	Cylinder and chain system
Slewing angle	360°
Driving speed	1st gear: 1.1km/h 2nd gear: 2.3km/h 3rd gear: 2.9km/h
Engine	Yanmar 3-cylinder diesel
Inclination angle, driving	20°
Outrigger pressure	4.500kg per outrigger
Ground pressure, tracks	0.72kg/cm <sup>2</sup>
Extendible, removable ballast	1.340kg
Noise	75dB



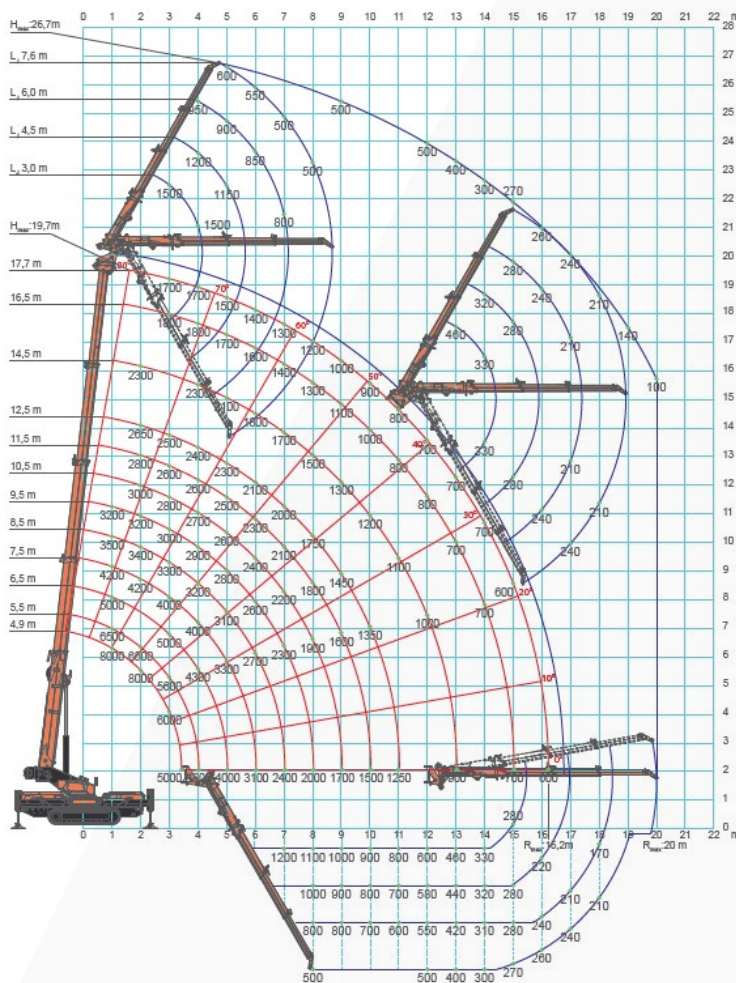
## Accessories/Options

Dimensions including winch and jib	4.15m x 0.80m x 2.07m
Fly jib <sup>1</sup>	5.0m
Winch <sup>2</sup>	1.000kg, 2.000kg and 4.000kg
Hoisting speed with winch	20.8m/min
Winch cable	50m long
Extension section <sup>3</sup>	30° adjustable
Electric motor	400V / 3 phase
Slewing	unlimited
Crawler <sup>4</sup>	non-marking
Lighting	work light on boom and jib
Speed controller	900 to 1,700rpm
Storage box <sup>5</sup>	extra storage box
Noise	75dB

# JEKKO SPX 1280 SPIDER CRANE

A compact crawler crane with a reduced stabilisation footprint, offering up to 8 tonnes of lifting capacity and a maximum working height of 26.6 metres.

With a 2-tonne pick-and-carry function, it combines strength and versatility in a class of its own.

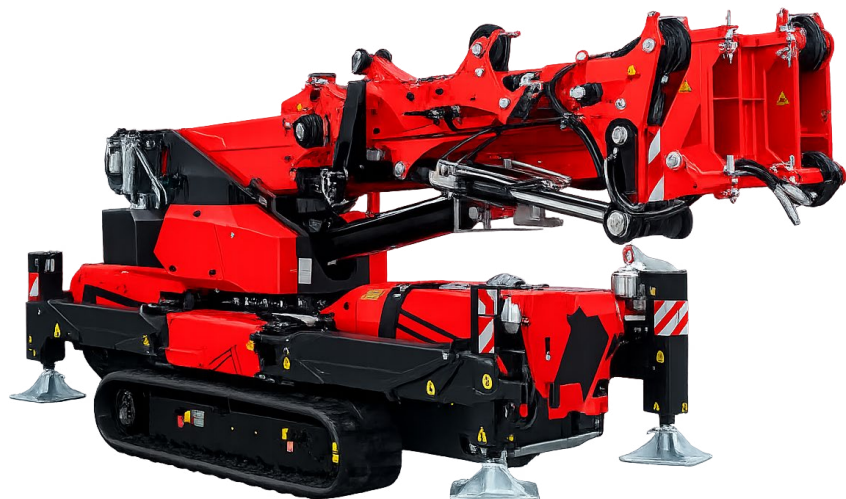


## 1280 SHORTLY

- › Hydraulic jib
- › Remote control
- › Main boom
- › Additional electric power unit
- › Special features
- › Winch
- › 360° Endless rotation
- › Outriggers
- › Tracks

## Standard Configuration

Crane capacity	8000kg
Max working radius	20m
Max lifting height	26.6m main jib
Rope length (max)	125m
Dimensions (folded)	5730(l)x1450(w)x2040(h)mm
Weight (unladen)	6900kg
Point loadings	6800kg max.
Hook speed	30-55m/min
Telescopic system – boom length	17.7m
Telescopic system – telescopic speed	40 seconds to max
Traction system – travel speed	2.8km/h
Traction system – gradability	20°
Traction system – track width	1450mm closed 2050mm open
Engine – manufacturer	Kubota
Engine – fuel	Diesel
Engine – starting method	Electric key start

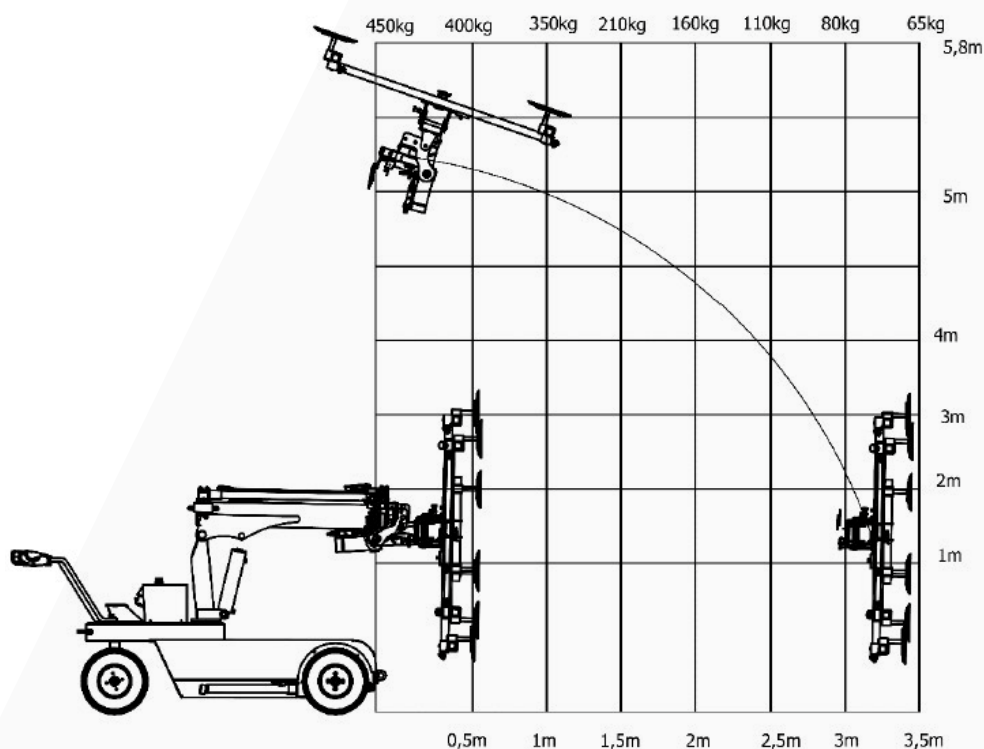


# SMART GROUP 450 GLAZING ROBOT

Introducing the smartest way to install glass. SmartGroup Lifts are improving safety and productivity like no other lift in the world. Using an SG Lift is now the smartest way for glaziers to lift and install glass. It is the smartest lift in the industry.

## Technical Data

Traction	2WD front
Max. Height	5.8m
Max. Lateral Reach	3.5m
Capacity	450kg
Weight	1050Kg
Speed	5km/h

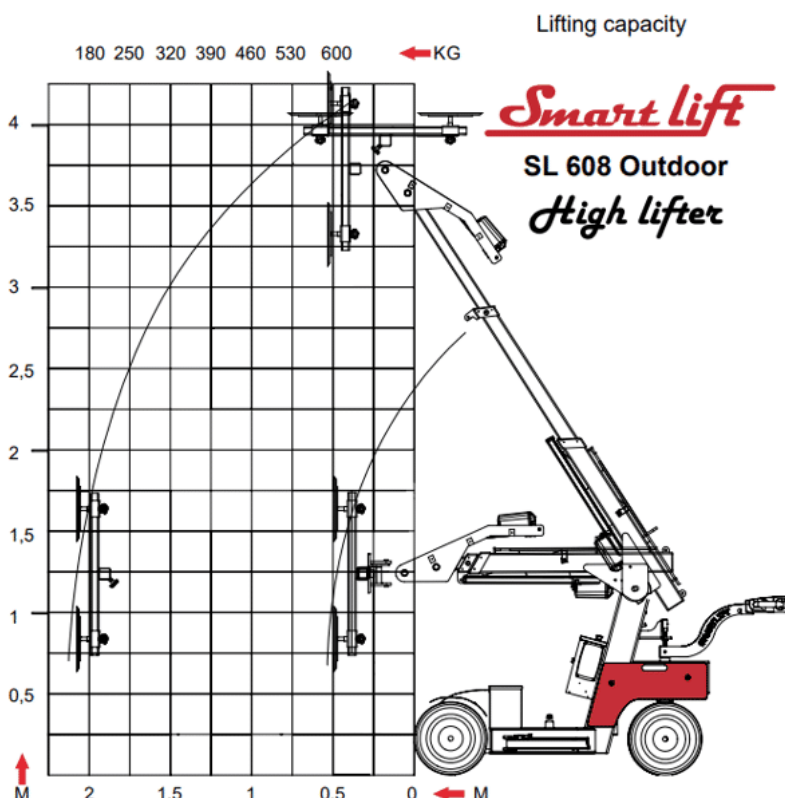


# SMARTLIFT **SL608** GLAZING ROBOT

A powerful glass lifting machine designed for indoor and outdoor use. With a lifting capacity of 608 Kg allows for the lifting of larger and heavier windows. The Smartlift is capable of hoisting, reaching and tilting movements simultaneously

## Technical Data

Traction	2WD front
Height	1530 mm
Width (min)	840 mm
Length (min)	2285 mm
Extension of arm	700 + 900 mm
Lifting capacity arm in/extended (1600 mm)	608 kg / 150 kg



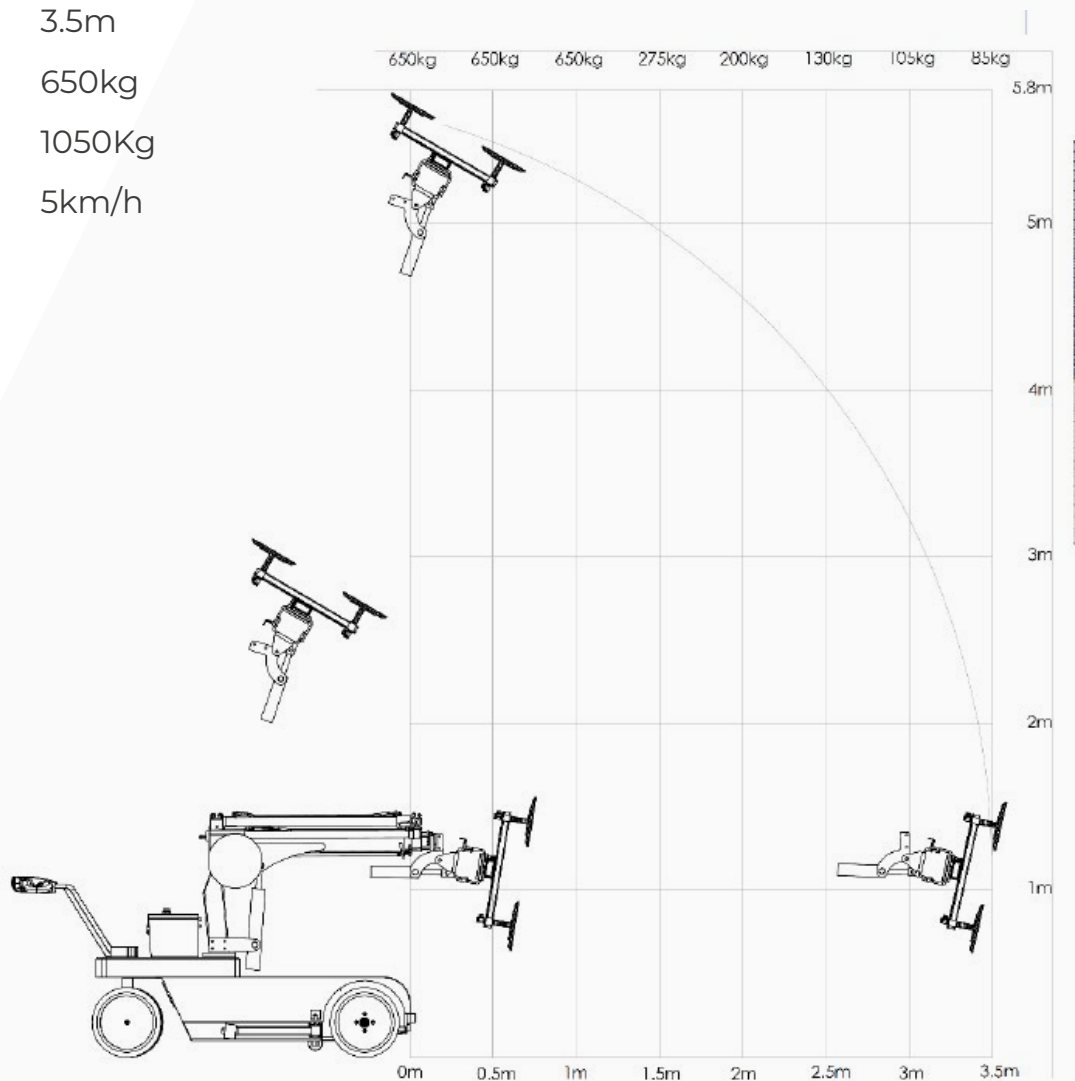
# SMART GROUP 650 GLAZING ROBOT

Introducing the smartest way to install glass. SmartGroup Lifts are improving safety and productivity like no other lift in the world. Using an SG Lift is now the smartest way for glaziers to lift and install glass. It is the smartest lift in the industry.



## Technical Data

Traction	2WD front
Max. Height	5.8m
Max. Lateral Reach	3.5m
Capacity	650kg
Weight	1050Kg
Speed	5km/h



## COUNTERBALANCE FLOOR CRANES - **GML500+**

### Technical Specification

Lift Capacity	500kg
Working Height	9.9 m
Width	780mm
Length (working)	2,200mm
Total weight (lift only)	352kg
Inc counterweights	565kg
Power	Battery / AC Pack



## COUNTERBALANCE FLOOR CRANES - **GLASSMAX 500**

### Technical Specification

Capacity	500kg
Max. hook height	4.6m
Max fork height	4.8m
Width	800mm
Length	2150mm
Weight (exc. counterweights)	270kg
Weight (inc. counterweights)	470kg



## COUNTERBALANCE FLOOR CRANES - **SLK25**

This compact lifting system features a heavy-duty steel platform with swivel casters for easy positioning. It's equipped with a lightweight, flexible hoist and removable counterweights for simple transport.

### Technical Specification

Capacity	300kg
Hook height / working height	7.9m
width	800mm
Length	2,220mm
Weight lift only	204kg



## GLASSBOY 500

Compact counterbalanced floor crane with 330 kg or 500 kg capacity and 2.7m hook height. Easily disassembles for van transport, with lockable 160 mm wheels.

### Technical Specification

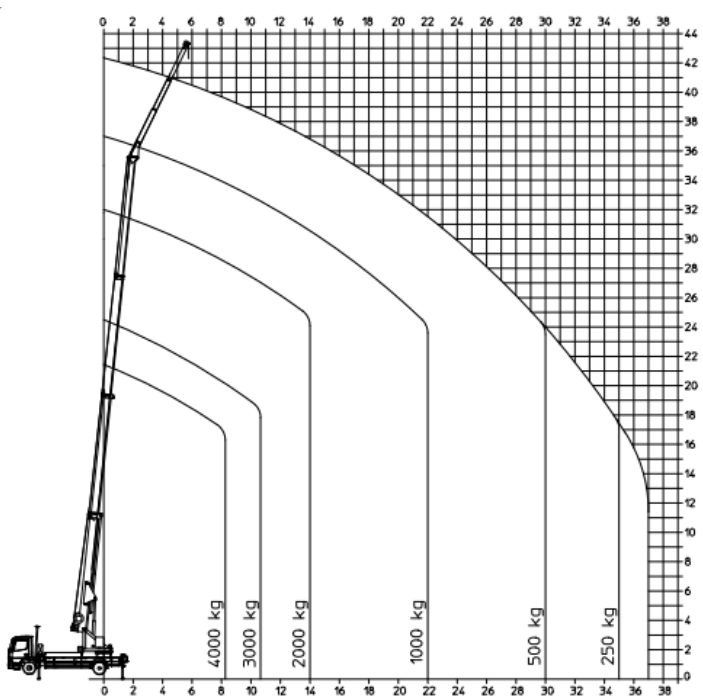
Capacity	500kg
Hook height / working height	2.7m
Width	800mm
Length	2350mm
Weight (without counterweights)	134kg
Weight (with counterweights)	706kg
Counterweights	26



# TRUCK MOUNTED 44M CRANE - AK44/4000

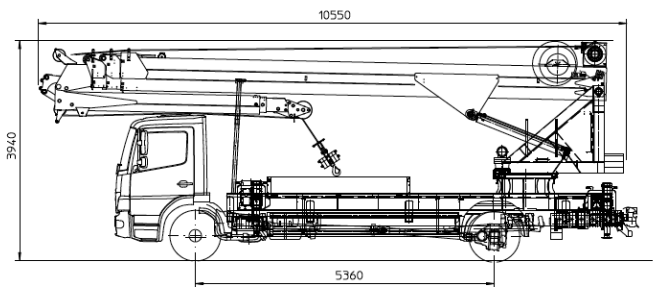
## Technical Data

Max. Working Height	44.00 m
Max. Outreach (500 kg load)	30.00 m
Max. Lifting Capacity	4,000 kg @ 8.2 m outreach
Lifting Capacity @ 1000 kg	22.00 m outreach
Lifting Capacity @ 2000 kg	14.00 m outreach
Hook Speed	60 m/min
Vehicle Length	10.55 m
Vehicle Width	2.55 m
Vehicle Height	3.94–3.99 m
Gross Vehicle Weight	15.5 t
Body Weight	9,600 kg



AK 44/4000 mech. 15,5t LKW

Maf- und Konstruktionsänderungen vorbehalten. Maße in Meter (m).  
Wijzigingen van de afmetingen en constructiewijzigingen voorbehouden. Afmetingen in meters (m).  
Modifications de mesures et de construction réservées. Mesures en mètres (m).  
We reserves the rights for alterations to dimensions and constructions. dimensions in metre (m)



## VACUUM LIFTER - C600

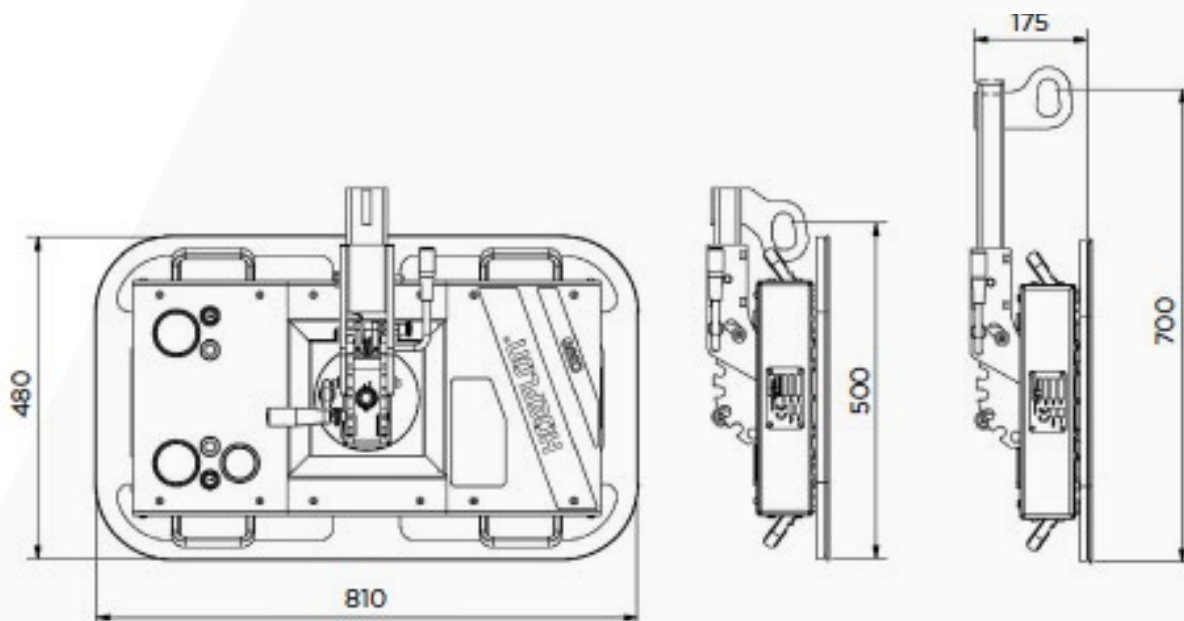
This lightweight vacuum lifter is designed for glass handling up to 600 kg in single-circuit mode and 300 kg with the standard double-circuit system.

Weighing just 30 kg, it can be easily removed from and returned to a vehicle by a single operator, offering a practical and efficient solution for safe lifting on site.



### Technical Data

Lifting capacity single circuit:	600 kg
Lifting capacity double circuit:	300 kg
Rotation range:	Endless, with four locking positions
Tilting range:	90° with six locking positions
Machine weight:	30 kg
Suction cup dimensions:	800 x 480 mm
Machine height:	200 mm
Battery:	12VDC, 9Ah



# VACUUM LIFTER - S600

The vacuum lifter for glass up to 600 kg. Equipped with double vacuum system as standard. The various configurations make this machine our all-rounder, suitable for projects small and large.

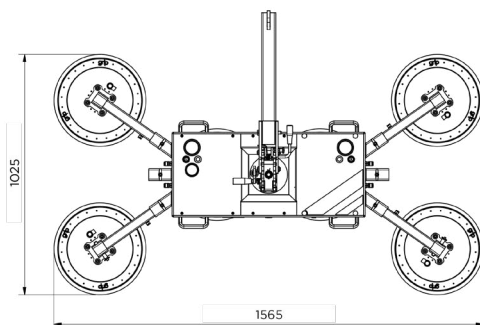
The S600 is supplied on a trolley for ease of transportation around even the roughest of sites. The optional remote control and quick change short lifting arm add to the list of features to make this one of the most versatile vacuum lifters on the market.



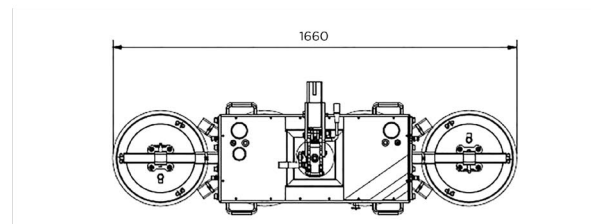
## Specifications

Lifting Capacity	200 / 300 / 450 / 600 kg
Machine Weight	54 / 63 / 70kg
Rotation Range	360 with four locking positions
Tilting Range	90 with six locking positions

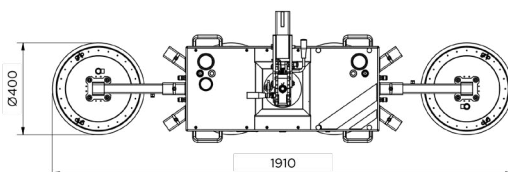
**600 kg - Spider suction lifter**



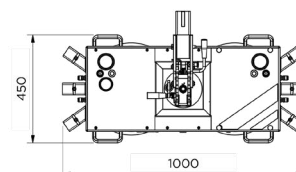
**400 kg - Inline suction lifter, compact**



**400 kg - Inline suction lifter, long**



**200 kg - Basic unit**



# S800 VACUUM LIFTER

## Unique features

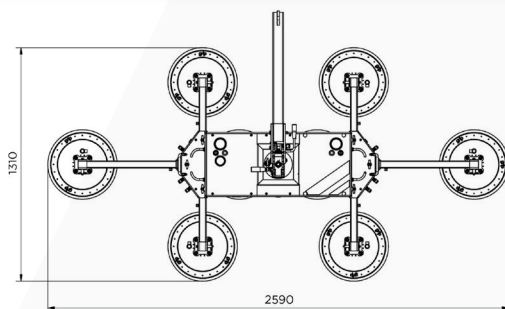
- › Can be used as both spider and inline suction lifter.
- › At just 82kg with a lifting capacity of 800kg, it is the lightest suction lifter in its class

## Specifications

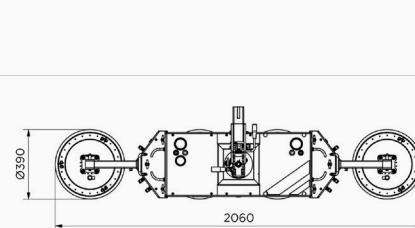
- › Extra-short lifting arm provides very compact dimensions for when lifting glass installation space is limited
- › Angle adjustment on the Hoeflon lifting arm provides extra safety and convenience for indoor glazing installation because the angle can be fixed in different positions.
- › Double vacuum circuit, meeting the requirements of the EN13155 directive, ensures maximum safety and installation speed because external load fail arrester is no longer necessary.
- › The overall width of the machine is very low, which means that work can also be carried out between the facade and scaffolding.



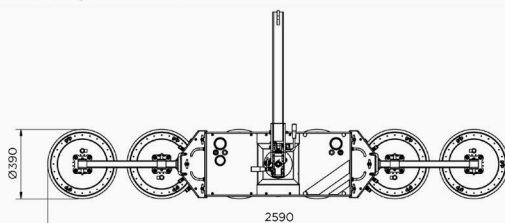
SWL 800 kg - Spider suction lifter



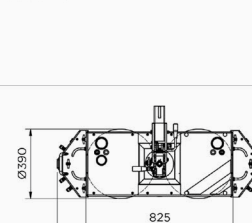
SWL 400 kg - Inline suction lifter



SWL 600 kg - Inline suction lifter



SWL 200 kg - Base unit

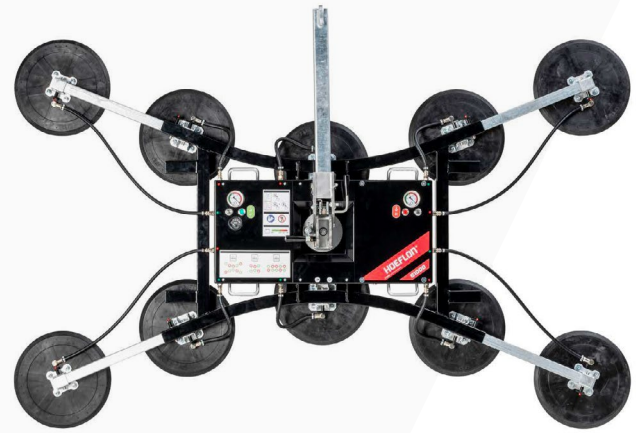


## VACUUM LIFTER - S1000

The Hoeflon S1000 suction lifter is a premium quality multifunctional glass lifter, with exceptional fit and finish, at a very competitive price.

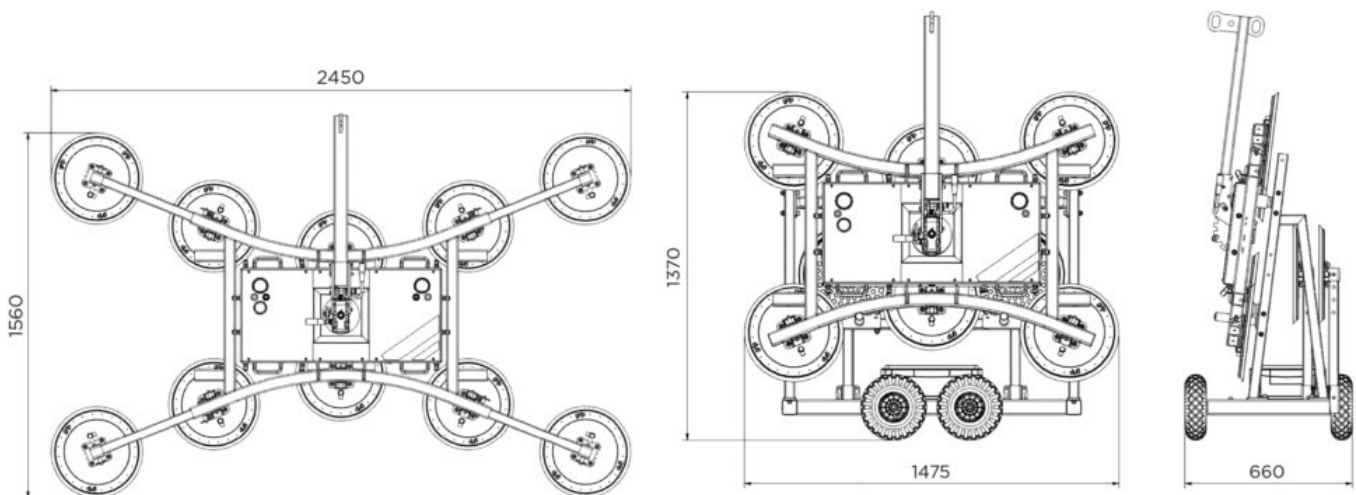
### Specifications

Lifting capacity double circuit	600 / 1000 kg
Machine Weight	85 / 110 kg
Rotation Range	360° with four locking positions
Tilting Range	90° with six locking positions
Machine height	190 mm
Battery	12VDC, 10Ah



### S1000 SHORTLY

- › Lightweight, high-capacity glass suction lifter
- › Premium build quality with exceptional fit and finish
- › Versatile design with wide spread and compact base unit
- › In-line layout allows use on windows as narrow as 1 m

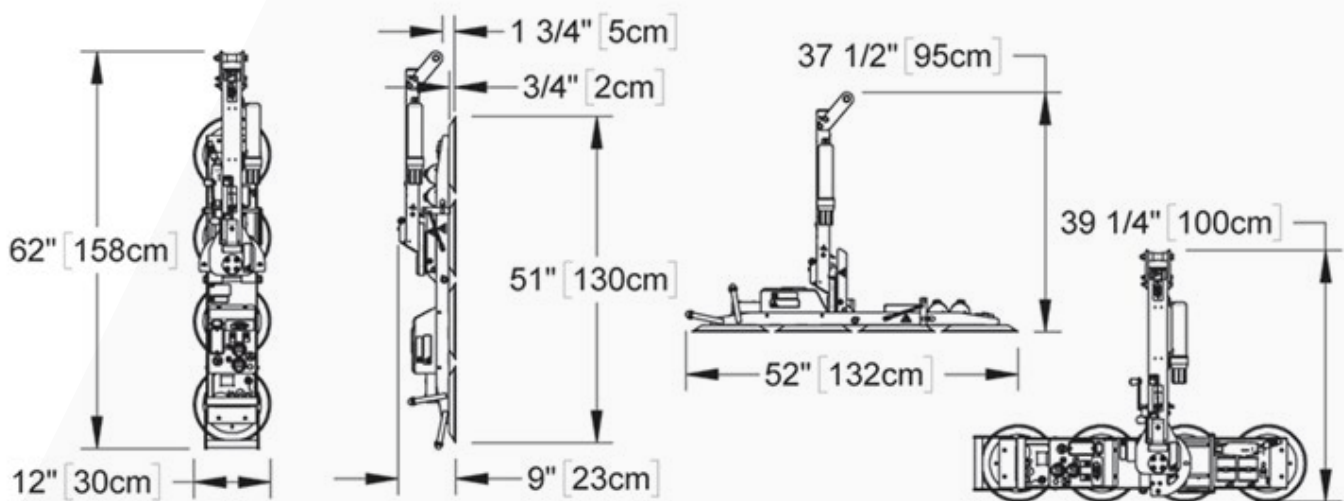


# VACUUM LIFTER - P1-1104

Quick attach and release times, a full range of load motion and a long-lasting battery make this lifter indispensable for installing glass at the job site or handling glass in multiple shop locations.

## Specifications

Lifting Capacity	320kg
Machine Weight	44kg
Rotation Range	180 edgewise, with locking at each ¼ turn
Tilting Range	90 upright, between upright and flat

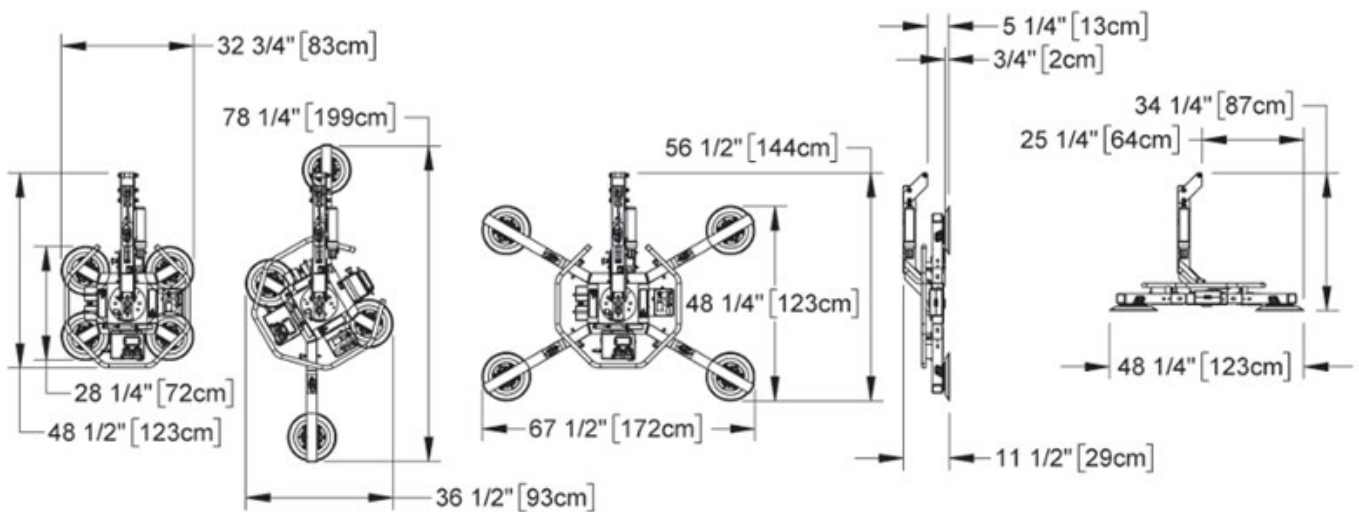


# VACUUM LIFTER - MRT4

This medium-duty rotator/tilter adapts to a variety of uses, adding productivity and reliability to construction sites or manufacturing plants.

## Specifications

Lifting Capacity	320kg
Machine Weight	57kg
Rotation Range	360 edgewise, with locking
Tilting Range	90 upright, between upright and flat



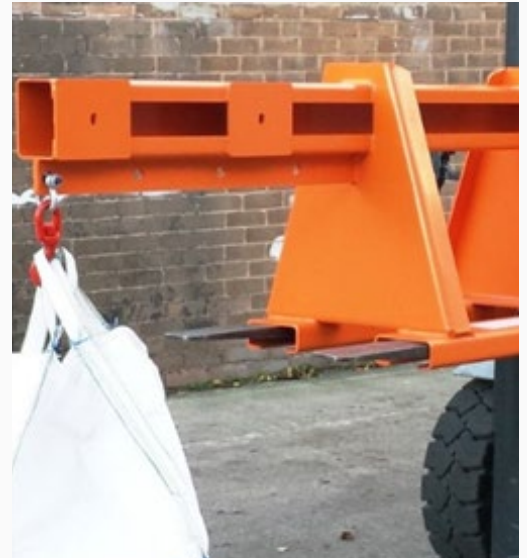
# ACCESSORIES

## FORK MOUNTED JIB

Perfect when vertical space isn't a concern, but maximum lift capacity is crucial. It facilitates the handling of lengthy and awkward loads from hard-to-reach spots, offering the flexibility of four distinct lifting centres. Ideal for efficiently managing challenging lifting tasks. Can be used with Vacuum Lifter.

### Specifications

Lifting Capacity	5t
Fork Dimensions	150 x 50mm
Fork Centres	481mm



## MINIFOR HOIST

The TR50 is a small, portable, motorised system that can be used to lift, pull, and position loads from the ground to higher levels or the other way around. The TR50 hoist is good at lowering things below ground, in places such as lift shafts and underground tunnels.

### Specifications

Lifting Capacity	500kg
Fork Dimensions	31kg
Mains-powered	110v, 16A



## INTERLOCKING MATS

Our lightweight, durable pads distribute pressure from stabilisers and outriggers across soft or uneven ground. Made from high-performance polyethylene, they won't splinter or corrode and return to shape after use.

### Specifications

Dimensions	1800 x 665 x 50mm
Capacity	160000kg
Shape of the plate	Rectangle
Surface of the plate	Flat



## SLEEPERS

Hardwood timber sleepers have been used for thousands of years across a range of industries including:

- › Ground retention and stabilisation
- › Forming access trackways
- › Packing, checking and blocking loads and machinery



### Specifications

Dimensions	1200 x 200mm
Weight	8kg

## GLASS TROLLEY

As standard, the Rough Terrain Glass Trolley comes complete with pneumatic rubber tyres, useful for when using the trolley over rougher terrain

### Specifications

Max Load	up to 800 kg
Length Standard	up to 2000mm
Optional	up to 6000mm
Height from floor	1880mm
Width	875mm



## GLASS STILLAGES

Featuring forklift points and a lifting eye, this glass stillage together with its load can be easily lifted by a forklift truck or crane for safer, quicker transportation of glass on large sites.

Available with a load Capacity of 1500kg and 1800kg



## SECONDARY SAFETY DEVICE (SSD)

Particularly useful for vacuum lifter operators, fixers and other onsite personnel, the SSD offers increased safety when lifting glass, should a loss of vacuum ever occur. This device will allow the load to be safely lowered to the ground. Please

Note: This is NOT a lifting device.



## ELECTRIC PALLET FORKS

Model: Jungheinrich ECE 225

Lifting Capacity: 2.5t

Fork Length: 2400mm

Battery Voltage: 24v

Lifting Height: 51mm

Overall height: 1,374 mm Dead weight: 975 kg



## Slings, Chains, Shackles

Various available



## H Lifting Frames

Made to order.



## MULTITOOL MULTICLAW

Clamping jaws are designed to grip and move beams, pipes, and similar objects up to 500 mm in diameter. The system features single and double clamping elements for versatile shapes, with removable plates to increase surface area or allow external clamping when removed.



### Specifications

Weight, Multitool including clamping jaws	340 kg (152 kg + 188 kg)
Weight, clamping jaws	188 kg
Pipe diameter, beam clamp	≤500 mm diameter
Maximum lifting capacity, beam clamp	1250 kg
Lifting capacity, eye	2000 kg
Rotation range	Endless

## MULTITOOL MULTIVAC

The Multivac is a vacuum lifter for placement and movement of medium- to large-sized, flat, non-porous sheets of glass. A matching vacuum lifter can be ordered separately. The Multivac is attached to the Multitool via an adapter.



### Specifications

Weight, Multitool including vacuum lifter	198 kg (152 + 46 kg)
Weight of machine	85 to 110 kg
Maximum lifting capacity	1000 kg
Lifting capacity, eye	2000 kg
Rotation range	Endless
Type of vacuum lifter	S600, S800, S1000

\*Multi-tool attachment compatible with the C10 Spider Crane – see page 18.

## **DIESEL AND ELECTRIC SCISSOR LIFTS**

Ranging from 6m to 40m working height, our scissor lifts offer a stable and spacious platform for working at height.

- › Electric models are ideal for indoor work or low-emission zones, offering quiet operation and zero emissions.
- › Diesel scissor lifts provide powerful rough-terrain performance for outdoor sites
- › Suitable for construction, maintenance, cladding, and fit-out work where vertical access is required.



## **DIESEL AND HYBRID BOOM LIFTS**

Offering 10m to 48m working height, our boom lifts are built for flexible and safe access over obstacles.

- › Articulating models allow up-and-over access in tight spaces
- › Telescopic booms offer maximum outreach for large open areas
- › Hybrid options combine diesel power with battery efficiency — perfect for mixed indoor/outdoor use



## TRACKED SPIDER BOOM LIFTS

Our tracked spider boom lifts offer working heights from 14m to 40m and are available on both operated and self-operated hire.

They're ideal for sites with restricted access, weight limitations, or uneven terrain. Site surveys can be arranged upon request to ensure the right equipment for your project.



## TRUCK MOUNTED BOOM LIFTS

Our truck-mounted cherry pickers offer working heights ranging from 26m to 51m and are available on an operated basis only.

Site surveys are available on request to ensure the right solution for your access needs.



## TELEHANDLERS

With working heights from 6m to 18m, our versatile telehandlers are perfect for lifting and placing materials on construction sites.

Compact, powerful, and easy to manoeuvre, they're available on both operated and self-operated hire.



## ROTO TELEHANDLERS

Offering 360° rotation and working heights of 20m to 35m, Roto telehandlers combine the functionality of a crane, forklift, and access platform in one machine.

Ideal for high-risk or confined spaces, with both operated and self-operated options available.



# ROPE ACCESS SERVICES

Rope Access allows us to access hard-to-reach or high-altitude areas using skilled technicians and secure rope systems. Ideal for maintenance works, inspections or repairs.

- › Our rigorous safety protocols and exceptionally skilled technicians guarantee a secure working environment throughout every stage of our rope access operations.
- › Rope access is a cost-effective solution, reducing the time and resources required compared to traditional access methods.
- › Our rope access services ensure minimal disruption to your operations, allowing for a smoother project execution and timely completion.
- › Rope access is a practical solution for reaching difficult or tight spaces when conventional methods don't work. It's a good choice for projects that need complex access.
- › Site Surveys & Quotations available on request.



## WHAT OUR CLIENTS SAY

“

Kelly, no one I'd trust more with glass, this is really intricate engraved. You guys are the experts!

---

**Alan Billinge, Laing O'Rourke**

“

We couldn't have picked a worse day for a crane lift! Not once did your team say to me no we can't do it. They carried on regardless, closely monitoring the weather, where other lifting companies I've dealt with would have pulled the plug! The operator was very precise with the crane and we had every confidence in his abilities. The equipment was very impressive and I would definitely use NXGEN again.

---

**Darren Graham, Logic Aluminium**

“

Kelly / Macie, you're both amazing! Thank you so much for how quickly you reacted to this yesterday, your efforts are appreciated and do not go unnoticed!

---

**Rachel Hackett, Casu Consulto**

“

Huge shout to NXGEN Lifting! I contacted NXGEN Lifting late on Thursday hoping they could help to remove a number of screens on a project, come Monday NXGEN have a team onsite and by the end of the day the screens are down. Big thank you to Kelly and the team.

---

**Dean Mellors, Elhance**

“

Hi Kelly, I would just like to thank your team for getting what was an awkward and tight lift completed in the four days as we agreed with site and yourself. All on site obstacles we faced were overcome with our installers and your operatives working well together as a team. Thanks again.

---

**Keith Fairchild, Dortech**

“

Craig has been a great help in getting Ellesmere glazed for us today, the team really pulled out the stops for us, so a big thank you from me and the rest of the team at Ardent Glazing.

---

**Steve Cain, Ardent Glazing**

# THE FUTURE OF **LIFTING**

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