

KS Robots - Lifting technology that inspires



More than 36 years of innovation

350 satisfied KS Robot customers

Well trained specialists

Certificated products

Made in Germany





KS Robot 550 during installation of a lifting sliding door, company Busch, Wahlheim, Germany.

KS Robots - Lifting and installation made easy

Formative style elements of modern architecture are combinations of vertical rods and bolts for big glass surfaces, winter gardens and lifting-sliding doors for light-flooded interiors. In addition, there are also technical requirements such as a better heat insulation and a higher burglary protection. All these properties bring always bigger and heavier glass panes. Their installation can rarely be

handled by manpower, not to mention the physical strain and the high expenditure of time. Likewise, it maybe comes into broken glass and thereby causes higher materials costs.

So the KS Robots are used to avoid all this. It lifts, moves and mounts secure, fast and without efforts very large and bulky glass panes. For each occasion and

location our product range has a suitable KS Robot for you.

Please let us advise you. In our showroom in Emsbüren you have the opportunity to test the KS Robots live. We invite you cordially.

A safe and power saving installation

Easy lifting of glass, windows, plates, stones up to 1.000 kg, safe moving and an exact installation, these are the key features of a KS Robot. They convince by their high-quality, their technical equipment and their easy handling on the building site.

Especially the off-road types such as KS Robot 400 and KS Robot 600 Offroad are very popular. They master impassable sites and are characterized by excellent use in outdoor areas. Even on rough and wet grounds, both verify their strengths.

Depending on the size, the KS Robot Offroad takes loads of 400 kg or 600 kg.

All KS Robots devices are equipped with an electro drive and high-quality synchronous control. They dispose of a 2-circuit-suction-unit with two separate pumps for a higher security by handling of glass panes. The side-wards-deviation in combination with many other technical finesse allows a millimetre precise assembly of the glass panes.



KS Robot 600 Offroad during loading of glass panes.

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KS Robots

Relieving employees

Easy working

Efficient working

Secure mounting

Cost saving



As tailor-made for the interior: KS Robot 280 also suitable for sensitive grounds.

KS Robot 280 - the compact Robot

for an efficient working method

The KS Robot 280 is the smallest and most manoeuvrable electrical lifting machine from all of the KS Robots. The transport and installation of windows and glass panes up to 280 kg are absolutely no problems for the all-rounder.

He is characterized by his compact construction and a small

turning circle. The KS Robot 280 is ready for use, even if facing adverse space.

His thin chassis with only 630 millimetres is well made for each standard door and thanks to a rotary unit of 90° it is possible to drive with a load through thin ways.



Incl. overhead glazing module for the flexibility during the installation.

Advantages KS Robot 280

- Small and manoeuvrable, very easy to handle
- Intelligent drive for a soft start
- Lifting of angle of inclination by synchronized control
- Millimetre precision montage by changing of track width
- Standard equipment enables lifting of loadings from the pallet and to swing them automatically up to 90° overhead
- Vacuum suction unit with two circuits and two separate pumps for a higher security of installation
- Acoustical and optical vacuum control, each single circuit will be controlled and shown
- High ease of use by a multifunctional steering wheel and a remote control
- Solid rubber tires with a wide surface
- High-quality lifting cylinder with 10.000 N force per cylinder
- High-performance battery
- 24 volt socket on the gadget for charging of installation instruments such as cordless screwdriver and compressor etc.



Sideward swing function for the transport through small ways.



KS Robot 280 for a transport of materials up to 280 kg and for glazing of windows and facades.

The compact KS Robot 280 convinces by its technical equipment. A special hinge between telescope and vacuum suction unit makes the overhead function possible which is very important for the glass installation on canopies and winter gardens.

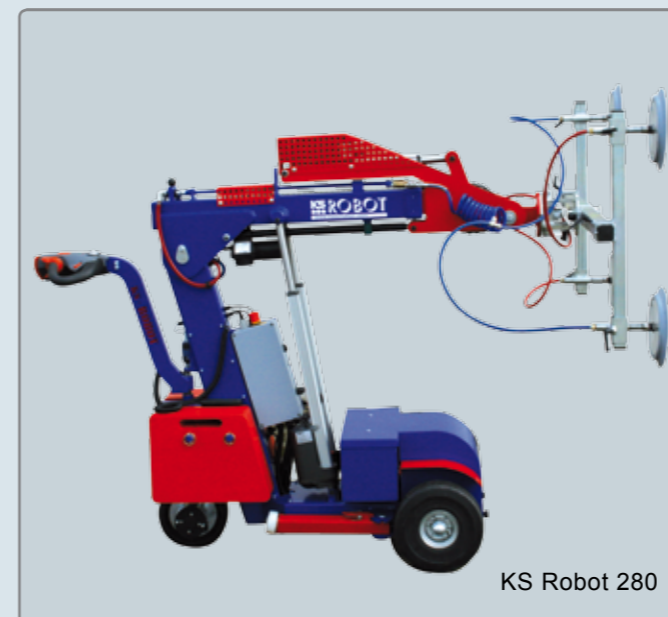
The high-quality synchronized control guarantees a fast and secure

installation. The inclination angle of a glass will automatically be kept constantly and without readjusting during the telescoping. This operation not only increases the ease of use but also saves a lot of precious installation time.

The sideward-deviation of front axis is very useful and belongs to the standard equipment to all of

our KS Robots. An exact positioning of the glass pane or the window in the reveal is possible due to the advantage of the sideward moving of the chassis by 100 mm.

A safe, comfortable and efficient working method is possible by all these technical finesses.



KS Robot 280

Technical data KS Robot 280

Load capacity	max. 280 kg
Working height vertical (horizontal)	approx. 2.455 mm approx. 2.926 mm
Outreach in front of the wheels	approx. 1.067 mm
Gadget width	approx. 630 mm
Total weight	approx. 537 kg
Counter weights	approx. 225 kg (5 x 27 kg and 5 x 18 kg)
Sideward-deviation	+/- 50 mm = 100 mm
Battery capacity	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 2 vacuum pumps, 4 suction plates



KS Robot 400 with a special vacuum suction unit for plates made out of wood.

KS Robot 400 - mobile, strong and far ahead

The KS Robot 400 is the youngest family member under the Robots. A combination of experiences for several years and the technical know-how of the manufacturer of products in our company. The new version should be compact and flexible so that the Robot 400 can

be used for ways through narrow halls or doors. Another function of the Robot is that he can move and install elements in different sizes and weights. Furthermore, a high outreach forward and upward should be given to be prepared for all applications.

The results are clear to see: a technically sophisticated machine for loads up to 400 kg and a long telescope of 900 mm, which is characterized by the compact construction.



Remote control with cable and multi-function steering wheel increase the ease of use.



Display shows the power of the suction unit and warns you in case of vacuum loss.



Speed-level-switch.

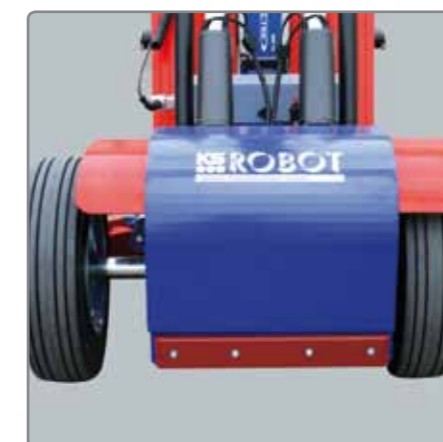


Solid rubber tires with a wide surface even when increasing.



Equipment with special turning articulated joint* makes the installation easier: all turning and tilting movements are controlled electrically.

Technical Data KS Robot 400	Standard	Special turning articulated joint
Load capacity	max. 400 kg	max. 400 kg
Working height vertical (horizontal)	approx. 2.966 mm approx. 3.464 mm	approx. 3.060 mm approx. 3.507 mm
Outreach in front of the wheels	approx. 1.334 mm	approx. 1.504 mm
Gadget width	approx. 729 mm	approx. 729 mm
Total weight	approx. 815 kg	approx. 822 kg
Counter weights	approx. 230 kg (10 x 23 kg)	approx. 230 kg (10 x 23 kg)
Sideward-deviation	+/- 50 mm = 100 mm	+/- 50 mm = 100 mm
Battery capacity	approx. 8 h / shift	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 2 vacuum pumps, 4 suction plates	



Sideward-deviation up to 100 mm to justify the glass during installation.



The rotatable rear tyre allows a small turning circle of 360°.

* Optional available, at the equipment with special turning articulated joint.



KS Robot 550 manufactured for lifting, lowering and installation of loads up to 550 kg.

KS Robot 550 - excellent for elements with a weight up to 550 kg

The KS Robot particularly stands out through his design in the colours red and blue and through his rounding. His chassis remembers the car industry and also under the cover the KS Robot is impressive. A powerful electric drive and a 24 V high performance battery have the strength to transport and

install heavy elements up to 550 kg. Furthermore, the quality of the vacuum suction unit plays an important role.

The unit is equipped with six suction plates which run by two separate circuits and two pumps. In case of a breakdown of a pump

or a vacuum circuit, the second circuit generates still enough suction power to hold the element. That's the way how a high security will always be given.



Construction site Jade Weser Port in Wilhelmshafen, Germany: the KS Robot glazes the facades with glass plates, approx. 500 kg.



KS Robot 550 during his endurance test: before installation of fire doors in a prison in Belgium, the Robot has to convince the customer first.

Advantages KS Robot 550

- Easy to handle
- Intelligent drive for a soft start
- Synchronization system ensures lifting with constant inclination angle
- Millimetre precise installation by sideward adjustment
- Equipment with chain modules*: for lifting glasses from the pallet and to swing them up to 90° overhead
- Vacuum suction unit with two circuits and two separate pumps for a higher security during installation
- Acoustical and optical vacuum control, each single circuit will be controlled and shown
- High ease of use by a multi-functional steering wheel and a remote control
- Solid rubber tires with a wide surface
- High-quality lifting cylinder with 10.000 N force per cylinder
- Gas pressure damper for a high durability of servo-cylinder and also compensate big impacts while driving on uneven ground
- High-performance battery
- 24 volt socket on the gadget for charging of installation instruments such as cordless screwdriver and compressor etc.



KS Robot 550

Two versions to choose

In order to offer you a product to your requirements we produce the KS Robot 550 in two versions – standard and optional with chain module. Both have a load capacity of 550 kg but the lifting height and the load in front of the wheels are different.

Everybody who wants to lift elements from the pallet and swing them overhead chooses the version with the special chain module*. The standard version doesn't include such a function.

Technical Data		
KS Robot 550	Standard	With chain module
Load capacity	max. 550 kg	max. 550 kg
Working height vertical (horizontal)	approx. 2.207 mm approx. 2.617 mm	approx. 2.280 mm approx. 2.725 mm
Outreach in front of the wheels	approx. 795 mm	approx. 1.102 mm
Gadget width	approx. 729 mm	approx. 729 mm
Total weight	approx. 835 kg	approx. 975 kg
Counter weights	approx. 322 kg (14 x 23 kg)	approx. 442 kg (14 x 23 kg/4 x 30 kg)
Sideward-deviation	+/- 50 mm = 100 mm	+/- 50 mm = 100 mm
Battery capacity	approx. 8 h / shift	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 2 vacuum pumps, 6 suction plates	

* Optional available



First class: electrical buckling link hinge makes the loading from heavy plates directly from the shelf possible.

KS Robot 600 with XXL telescope for loads up to 600 kg

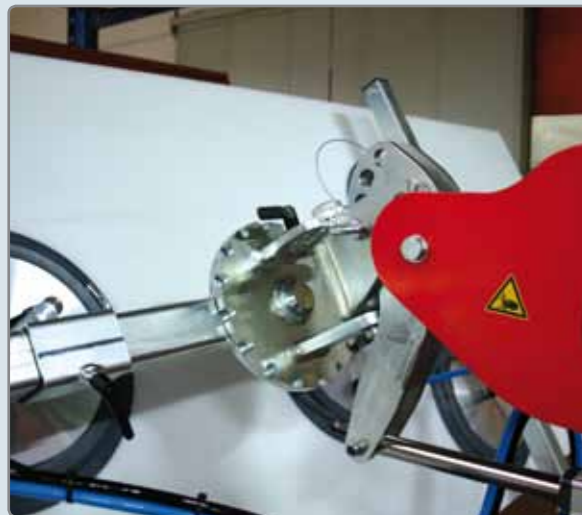
The KS Robot 600 belongs to the strongest electrically driven vehicle for lifting and assembly of heavy glass panes, windows, doors, metal sheets, stone-, wooden or PVC plates. KS Robot 600 handles with easiness loads up to 600 kg.

his solid construction the Robot scores by its compactness and mobility. A small turning circle and a small chassis of only 729 mm characterizes the KS Robot 600 even in confident spaces or when driving through narrow passages.

Despite his good load capacity and

Also his high-quality and techni-

cal equipment is impressive: the synchronous control with levelling-function guarantees for example that the glass panes are always in the adjusted angle during the lifting and lowering. As a result the glass panes can be installed exactly, comfortable and time saving.



Telescoping, lifting and lowering occurred electrically by a synchronous control.

Technical Data		
KS Robot 600	Standard	Special turning articulated joint
Load capacity	max. 600 kg	max. 600 kg
Working height vertical (horizontal)	approx. 2.950 mm approx. 3.449 mm	approx. 3.044 mm approx. 3.491 mm
Outreach in front of the wheels	approx. 1.429 mm	approx. 1.600 mm
Gadget width	approx. 729 mm	approx. 729 mm
Total weight	approx. 1.000 kg	approx. 1.080 kg
Counter weights	approx. 442 kg (14x23 kg/4x30 kg)	approx. 502 kg (14x23 kg/6x30 kg)
Sideward-deviation	+/- 50 mm = 100 mm	+/- 50 mm = 100 mm
Battery capacity	approx. 8 h / shift	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 2 vacuum pumps, 6 suction plates	

Advantages KS Robot 600

- 900 mm telescope lift provides a large outreach
- Constructed for very high bearing loads up to 600 kg
- Special swing system*: electrical turning folding hinge to lift glasses from the plate and to swing them up to 90° overhead
- Easy to handle
- Intelligent drive for a soft start
- Synchronous control provides a lifting at a constant angle of inclination
- Millimetre precise installation by sideward deviation
- Vacuum suction unit with two circuits and two separates pumps for a higher security during installation
- Acoustical and optical vacuum control, each single circuit will be controlled and shown
- High ease of use by multi-function steering wheel and remote control
- Solid rubber tires with a wide surface
- High-quality lifting cylinder with 10.000 N force per cylinder
- Gas pressure damper for a high durability of servo-cylinder and also compensate big impacts while driving on uneven ground
- High-performance battery
- 24 volt socket on the gadget for charging of installation instruments such as cordless screwdriver and compressor etc.



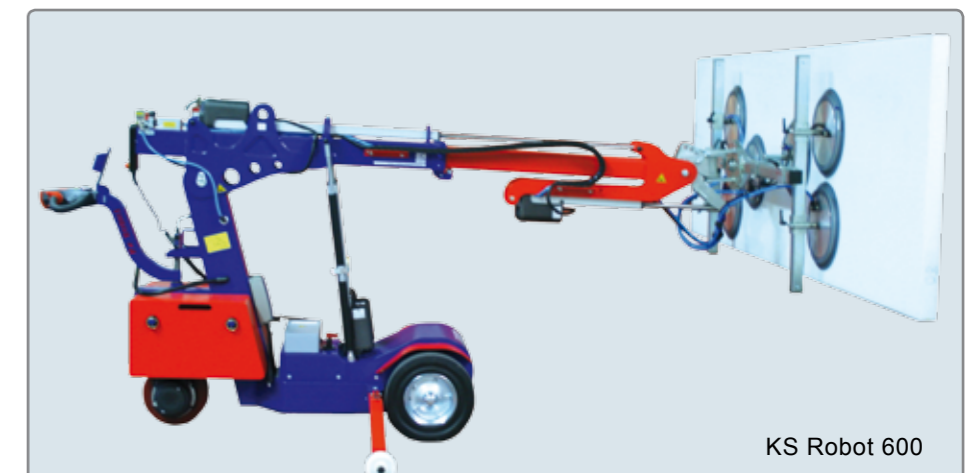
Very articulated: 90° slewing unit slews the suction device lateral for driving through small entries.

Precise installation and a high ease of use

The flexible adjustment of the axis contributes to a millimetre precise installation. All KS Robots are equipped with such function. It causes that the glass panes can be moved lateral up to 100 mm and therefore precisely.

pecially long telescope of 900 mm and a special swing system. So an outreach of up to 3.044 mm height (3.491 mm horizontally) can be reached. Telescoping, tilting, lifting and lowering are electrically controlled. The pick-up of loads from the bottom is possible as well as an electrical overhead swinging.

A further advantage is the equipment of the KS Robot with an es-



Far at the front: a long telescope of 900 mm causes a outreach of 1.600 mm in front of the wheels. Thereby, the KS Robot 600 loads still 300 kg.

* Optional available, at the equipment with special turning articulated joint.

KS Robot 1000

well made for 1 tonne

The KS Robot 1000 is the giant under the lifting machines. Elements with a weight up to 1 tonne are absolutely no problem to lift for the Robot. In order to handle without efforts, the Robot 1000 is equipped with a servo controlled hydraulic drive and proportional valves.

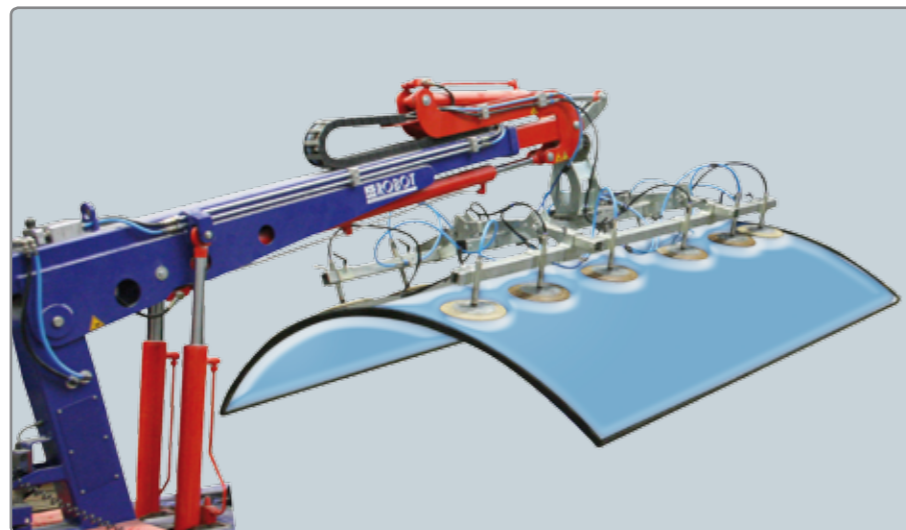
That means for the operator a lot more operation comfort for the installation, a higher precision during assembling the glass plate and a stepless, very soft lifting and lowering of the load.

Advantages KS Robot 1000

- Powerful and very fast by his hydraulic drive
- Exactly and soft working by proportional action controller
- Load capacity up to 1.000 kg
- Sideward deviation of up to 200 mm for an exact positioning of the elements
- Intelligent drive for a soft start
- Vacuum suction unit with two circuits and two separate pumps for a higher security during installation
- Acoustical and optical vacuum control, each single circuit will be controlled and shown
- High ease of use by multifunction steering wheel and remote control
- Performance battery incl. power supply to load the battery also on building sites



KS Robot 1000 with vacuum suction unit for curved glass*.



Safe handling of glass plates up to 1.000 kg.



Wide variety: the suction traverse can be used for curved* as well as for plane surfaces.

* Optional available

KS Robot 1000 - huge

The KS Robot 1000 is very popular due to its long telescope. He can reach a high of 4.068 mm in the horizontal position and 3.546 mm for the vertical installation. The outreach of the telescopic in front of the wheels is more than 2.024 mm and so also in the top area.

In standard, the Robot is equipped with two big and wide tires at the front which can be extended by two additional wheels. Transportation of heavy elements on uneven ground can so be executed easier

due to reduced bearing load. A high priority is given especially to the vacuum suction unit as well as to all of the other KS Robots.

All suction units have a two circuits system and a separate working pump for the security of the operator and the goods. In case of a breakdown of a vacuum circuit, the second one always offers a basic security of the load. Additionally, acoustical and optical signs will warn you in case of vacuum loss.

Technical Data KS Robot 1000

Load capacity	max. 1.000 kg
Working height vertical (horizontal)	approx. 3.546 mm approx. 4.068 mm
Outreach in front of the wheels	approx. 2.024 mm
Gadget width	approx. 976 mm
Total weight	approx. 1.920 kg
Counter weights	approx. 495 kg
Sideward-deviation	+/- 100 mm
Battery capacity	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 4 vacuum pumps, 10 suction plates



KS Robot 1000



KS Robot Offroad: two all-terrain Offroads

If you need a lifting and assembling vehicle that is suitable for bad ground conditions then both KS Offroad models are a good choice. The Offroads are especially made for uneven ground on building sites, ballast, gravel and grass. They are equipped with a front-

wheel-drive, expanded all-terrain tires and are available in two constructions for 400 kg and 600 kg bearing loads.

For a secure glass pane handling both KS Robots are equipped with a high-quality two-circuit suction

system and two separate vacuum pumps. Four suction plates on the KS Robot 400 Offroad and six suction plates on the KS Robot 600 Offroad allow oneself to adjust quickly to different sizes of plates.



KS Robot 400 Offroad

Technical Data		
KS Robot 400 Offroad	Standard	Special turning articulated joint
Load capacity	max. 400 kg	max. 400 kg
Working height vertical (horizontal)	approx. 2.968 mm approx. 3.475 mm	approx. 3.062 mm approx. 3.510 mm
Outreach in front of the wheels	approx. 1.331 mm	approx. 1.502 mm
Gadget width	approx. 780 mm	approx. 786 mm
Total weight	approx. 840 kg	approx. 850 kg
Counter weights	approx. 230 kg (10 x 23 kg)	approx. 230 kg (10 x 23 kg)
Sideward-deviation	+/- 50 mm = 100 mm	+/- 50 mm = 100 mm
Battery capacity	approx. 8 h / shift	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 2 vacuum pumps, 4 suction plates	



For your satisfaction: we install high-quality materials by high-qualified employees.



For a good road adherence: front wheel drive and large tires with excellent grip.

Advantages KS Robot 400 Offroad

- Compact, masters impassable grounds
- Construction with front wheel drive and special tires
- Synchronous control provides a lifting at a constant angle of inclination
- Intelligent drive for a soft start
- 900 mm telescopic stroke
- Special swinging system*: lift the glass panes from a pallet and swing it up to 90° overhead
- Four suction plates for a secure handling with glass panes
- Vacuum suction unit with two circuits and two separate pumps for a higher security during the installation, incl. vacuum control
- Millimetre precise installation by sideward deviation
- Wheel with nail protection
- High-quality lifting cylinder with 10.000 N force per cylinder
- High-performance battery
- Gas pressure damper for high durability of servo-cylinder and compensate big impacts while driving on uneven ground
- 24 volt socket on the gadget for charging of installation instruments



900 mm telescopic for a outreach up to 1.502 mm (or 1.331 mm) in front of the wheels.



90° sideward swinging of the load is ideal for ways through garden doors.



The big double tires at the back avoid the sinking on wet ground.

* Optional available, at the equipment with special turning articulated joint.



KS Robot 600 Offroad at an endurance test – even on ice the KS Robot scores. A frozen pond is the only possible access to make glass repairs in the roof glazing.

KS Robots Offroad - strong even on ice

The KS Robots Offroads are all-terrain all-round talents. They have all advantages of the standard types and especially in using the Robot outside. The front drive in combination with the big wheels ensures

the necessary stability on wet and uneven ground.

The technical equipment is also strong: an especially swinging system combined with a long telescopic

arm of 900 mm at both Offroad types makes possible that elements can be hold from the ground and lifted and mounted up to a height of 3.526 mm overhead.



Technical Data		
KS Robot 600 Offroad	Standard	Special turning articulated joint
Load capacity	max. 600 kg	max. 600 kg
Working height vertical (horizontal)	approx. 2.982 mm approx. 3.482 mm	approx. 3.076 mm approx. 3.523 mm
Outreach in front of the wheels	approx. 1.245 mm	approx. 1.418 mm
Gadget width	approx. 937 mm	approx. 937 mm
Total weight	approx. 814 kg	approx. 820 kg
Counter weights	approx. 230 kg (10 x 23 kg)	approx. 230 kg (10 x 23 kg)
Sideward-deviation	+/- 50 mm = 100 mm	(12 x 23 kg)
Battery capacity	approx. 8 h / shift	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt	2 x 12 V = 24 Volt
Vacuum suction unit	Automatic 2 circuit suction system with 2 vacuum pumps, 6 suction plates	



An especially long telescopic on installation on a height of 3 m.

Advantages KS Robot 600 Offroad

- Masters impassable ground conditions
- Construction with front wheel drive and special tires
- Synchronous control provides a lifting at a constant angle of inclination
- Intelligent drive for a soft start
- 900 mm telescope lift
- Special swinging system*: lift the glass panes from the palette and swing it automatically up to 90° overhead
- Six suction plates for a secure handling with the glass panes
- Vacuum suction unit with two circuits and two separate pumps for a higher security during the installation
- Vacuum control
- Millimetre precise installation by track width adjustment
- High ease of use by multifunction steering wheel and remote control
- Wheels with nail protection
- High-quality lifting cylinder with 10.000 N power per cylinder
- Gas pressure damper for the durability of cylinder and compensate big impacts while driving on uneven ground
- High-performance battery
- 24 volt socket on the gadget for charging of installation instruments



High-quality synchronized control and drive ensure soft and fluently moving process, pic. KS Robot 400 Offroad.

More efficiency and comfort by the synchronization control

Installing of glass panes a high efficiency-level is given by the synchronization control. During the lifting-, lowering- and telescoping process, the synchronization control keeps the

inclination angle stabile. Precision-adjustments are therewith not required, what enables the operator to save worthwhile time.



The Robot can take heavy plastic plates of 600 kg out of the shelf, put them on a pallet and swing them overhead*.

* Optional available, at the equipment with special turning articulated joint.

KS Robot Lift

The KS Robot Lift is especially made for glass installations and lifting of loadings to higher floors. However, the Robot Lift offers more comfort and flexibility on building sites by its electrical drive and height control. Without setting-up, the KS Robot Lift is instantly ready for operation. Elements with a weight up to 250 kg can be transported up to a height of 7.500 mm.



Advantages KS Robot Lift

- Comfortable and motorized lifting of elements to a height of 4.700mm and even to 7.500mm, depending on machine-type
- All movements such as lifting, tilting, side-wards moving are controlled electrically
- Powerful 24 V high-quality battery and cable-remote-control
- Precise wheel drive for a soft start
- Compact and manoeuvrable
- Mobile, can be driven to the building site
- Construction work not necessary
- Useable on the smallest area
- Width only 650 mm, it passes easily narrow doors and alley-ways
- Accessories available for different application areas, such as load fork, crane hook or vacuum-suction-unit
- High-performance battery
- 24 volt socket on the gadget for charging of installation instruments



KS vacuum suction unit for elements up to 600 kg.

For all these, who wants high up

The lift mast can be driven up and down, forward and backward and with the help of a cylinder it is also adjustable to the right and left side by 50 mm. Such flexible setting possibilities grant you an exact positioning of the elements.

Thanks to a powerful system and a 24 V engine all movements can be executed by one person. The remote-control made for all motion-

sequences of the mast, gives you the best possible operation-comfort.

In comparison with the classical lifts, which have to be built up exactly on the position where they have to be used, the KS Robot Lift can be repositioned very flexible. The Lift is constructed compactly and is even with loadings mobile. Its electrical wheel-drive makes a soft drive possible - on two diffe-

rent speed levels. Most of the time the KS Robot will be used with a hook and a vacuum-suction-unit to transport amongst others heavy glass plates, windows, PVC- and stone plates. Another option is to get the KS Robot with a load fork which serves for example as lifting device for awnings, roller shutter, heater, air-conditioner or ceiling covering.



KS Robot Lift 250/4

Technical Data

KS Robot	KS Robot Lift 250/4	KS Robot Lift 250/7
Load capacity	max. 250 kg	max. 250 kg
Working height vertical	approx. 4.700 mm	approx. 7.500 mm
Outreach in front of the wheels	approx. 1.900 mm	approx. 1.900 mm
Gadget width	approx. 620 mm	approx. 800 mm
Total weight	approx. 360 kg	approx. 590 kg
Counter weights	approx. 170 kg	approx. 130 kg
Sideward-deviation	+/- 50 mm = 100 mm	+/- 50 mm = 100 mm
Battery capacity	approx. 8 h / shift	approx. 8 h / shift
High performance battery	2 x 12 V = 24 Volt	2 x 12 V = 24 Volt
Vacuum suction unit	KS VacuPower 300, 450, 600	



Special gripper for carpets or metal tubes possible electrically and mechanically.



Extension of telescopic* for all KS Robots, limited to a load capacity of 250 kg.



Special fork* takes the plates out of the shelf with a low height.

Huge range of accessories for different operations

To be well equipped for all operations, we can offer you several possibilities of expansion for the KS Robots. Crane hooks and load forks making the classical crane function possible and the lifting of bulky elements which cannot be lifted with vacuum suction units e.g. roller doors, awnings, or roller shutters. Special glass suction units for curved glass or metal

sheets with cants have passed the test with our customers.

A fork lift is suitable for lifting the KS Robot and makes the installation in the highest levels possible. Furthermore, the KS Robot is equipped with LED lamps for works in the darkness and with a remote control without cable.

We produce all our products by ourselves and thanks to our high-qualified engineers and our well-trained employees we have the possibility to produce the goods especially to your requirements. Our company includes also a welding, a paint shop as well as a CNC – processing centre.

Due to the fact that we do not have long delivery times we can produce the goods to your specifications.

In cooperation with our customers we found special solutions of which you can also benefit: for example a gripper made out of metal which works mechanically or electrically and transports carpets, roller doors or metal tubes. Furthermore, a

telescope which is equipped with a cable winch for lifting the elements or a vacuum suction unit which is suitable for plates made out of wood or trapezoidal sheets with which you can put containers together.

We are able to offer you a solution for all your problems or requirements. Please do not hesitate to contact us.



You can choose between two remote controls, one with and one without cable*.



Ideal: vacuum suction load with thin suction* for trapezoidal plates.



Very practical: fork lift for works on higher levels and for a safe transport.



Comfortable: the KS Robot can be transported with a loading ramp* to the building site.

* Optional available



Equipment with load fork* for works in the workshop.

* Optional available



The crane hook* makes the multiple use possible e.g. as lifting machines.



LED lamp* makes it possible to work in the later hours.

More lifting gadgets you will find in our brochure "KS MultiCrawler" and "KS Lifts and Cranes"



Manufactured by high-qualified specialists.



Well-made products and satisfied customers are our top priority.

A view behind the scenes

We operate for more than 36 years in the machine construction. The manufacturing of lifting devices belongs for more than 15 years to the strength of the KS product range. In our factory in Emsbüren you have the possibility to have a look behind the scenes.

We invite you to be convinced of the quality of our manufacturing

and get to know us and our products. In our exhibition hall experienced technicians performing the lifting and answer all your questions.

In addition to the lifting technology we offer you machines for the profile processing. Simple drilling and screw machines with manual operation are part of our program as

well as complex processing centre with CNC control unit according to modern condition of technology. Our shutter fabrication machines for roller shutter and test rigs for windows, doors, facades and gates are worldwide in use. Please ask we will be glad to advise you.

Certificated products

Own production in Germany

High volume of exhibition space

Own construction, control technology

High-qualified service team

Spare parts storage directly ex works

Worldwide communication and delivery

More than 36 years



We make wishes come true – describe your application and we offer you a customized solution.



In our showroom you can see the KS Robots live.



Before the machine leaves the factory they go through a testing phase.

Good to know

Quality, reliability and satisfied customers are our top priority. We document our production quality by the CE-sign and mostly by the association which are performed regularly.

All our products are exclusively developed and manufactured in our own workshops by well-trained specialists in Emsbüren, Germany.

Modern technic and workmanship are our top priority due to two reasons: on the one hand we can offer the highest quality and on the other hand due to the fact that we produce our goods in our own factory we are prepared to meet your requests from beginning on.

Our experienced technicians are quick to point to advise you

knowledge to practice or to perform maintenances. We are here to serve you and make efficiency-enhancing projects in your company to jointly.

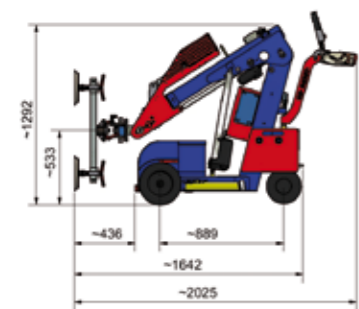
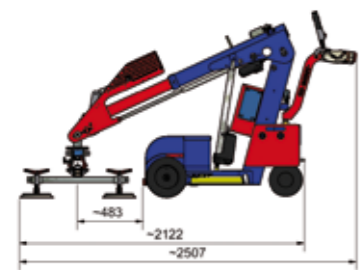
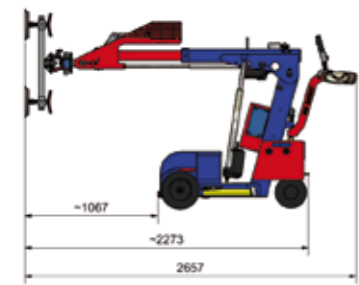
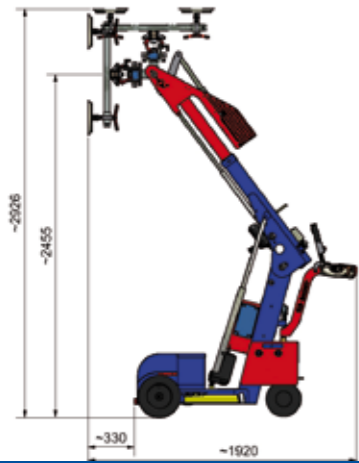


Our engineers plan with the modern 3D construction program your product.

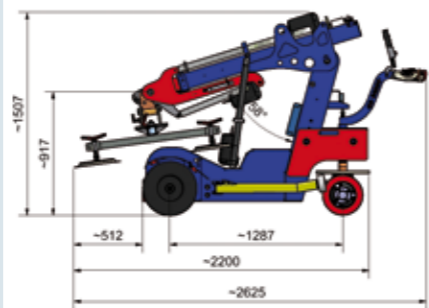
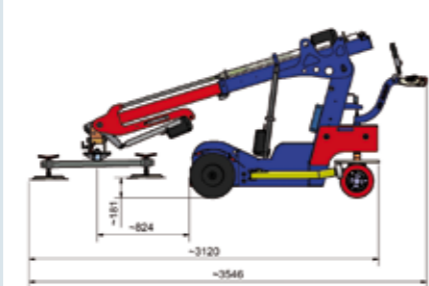
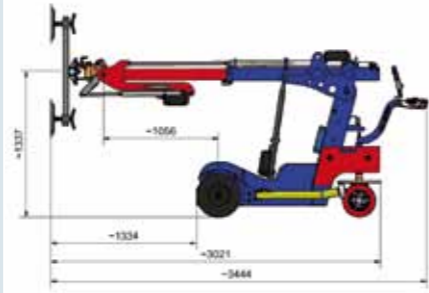
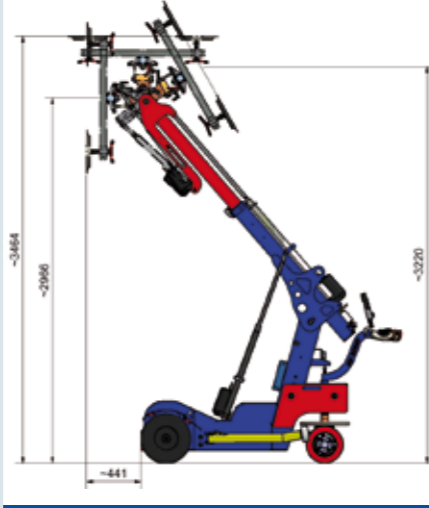


The components are made and installed exclusively in our own factory in Emsbüren, Germany.

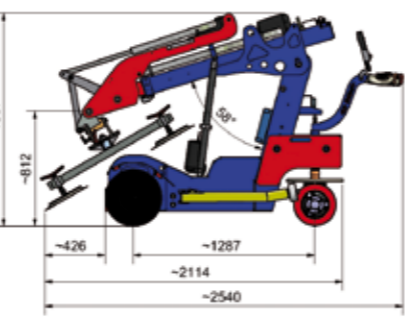
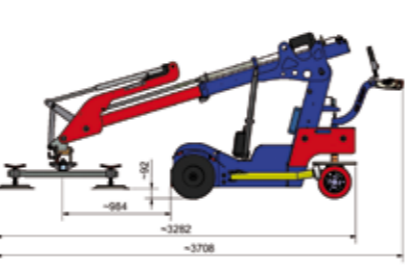
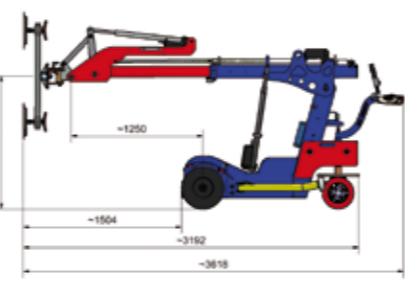
KS Robot 280



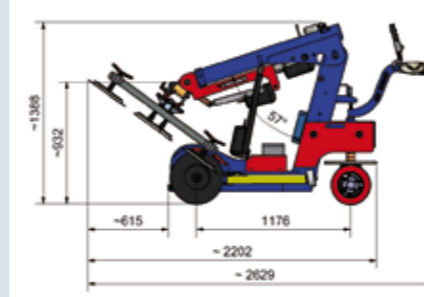
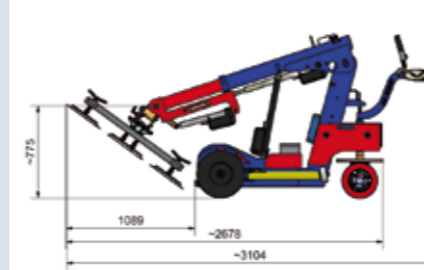
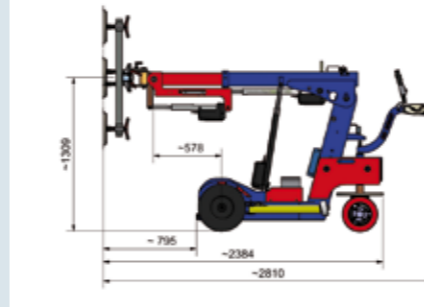
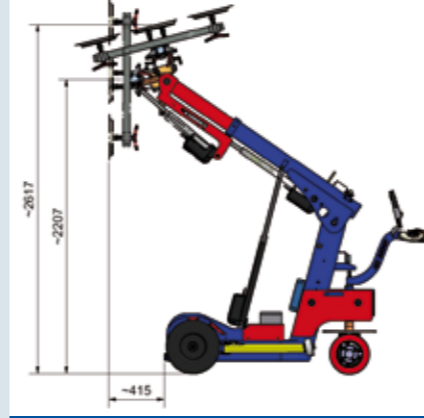
KS Robot 400
Standard



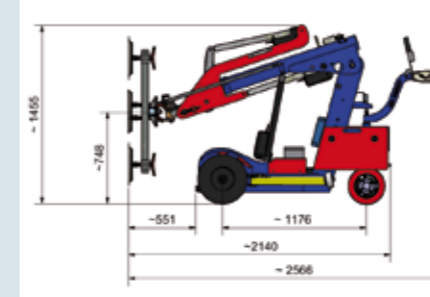
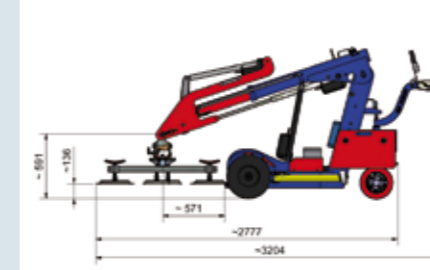
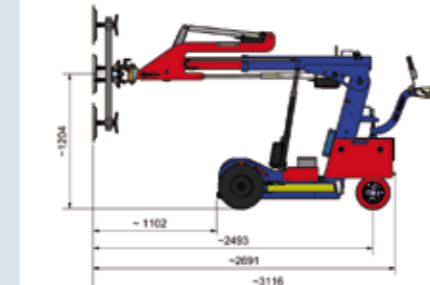
KS Robot 400
with special turning
articulated joint*



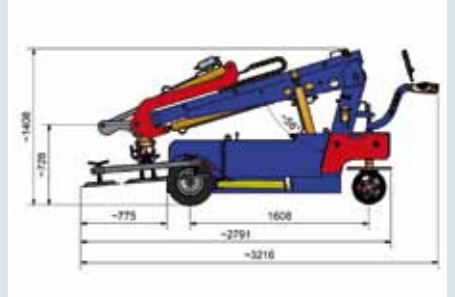
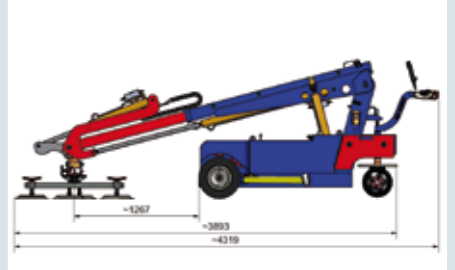
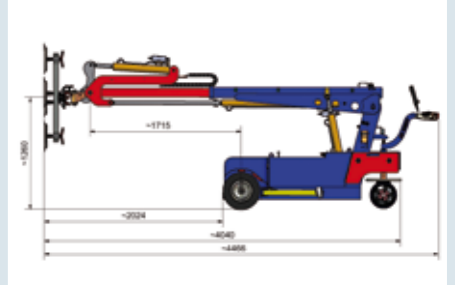
KS Robot 550
Standard



KS Robot 550
with chain module*



KS Robot 1000



* Optional available, at the equipment with special turning articulated joint

* Optional available, at the equipment with chain module (KS Robot 550)

KS Robot 600
Standard

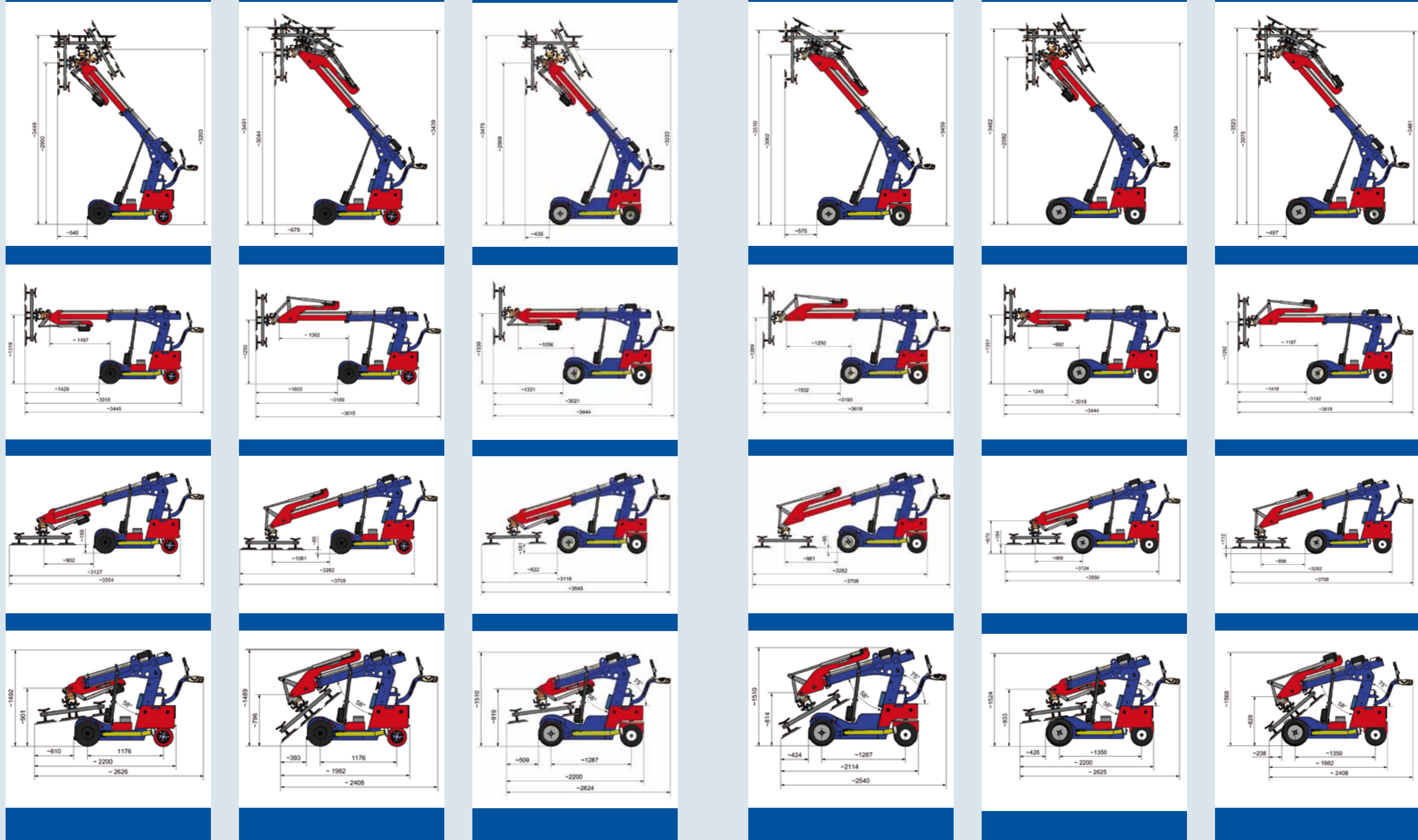
KS Robot 600
with special turning
articulated joint*

KS Robot 400 Offroad
Standard

KS Robot 400 Offroad
with special turning
articulated joint*

KS Robot 600 Offroad
Standard

KS Robot 600 Offroad
with special turning
articulated joint*



* Optional available, at the equipment with special turning articulated joint

* Optional available, at the equipment with special turning articulated joint

KS

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