



Lifting equipment that inspires
KS MultiCrawler the all-terrain all-rounder



More than 36 years of innovation

About 2.000 satisfied customers

Experienced specialists

Certificated products

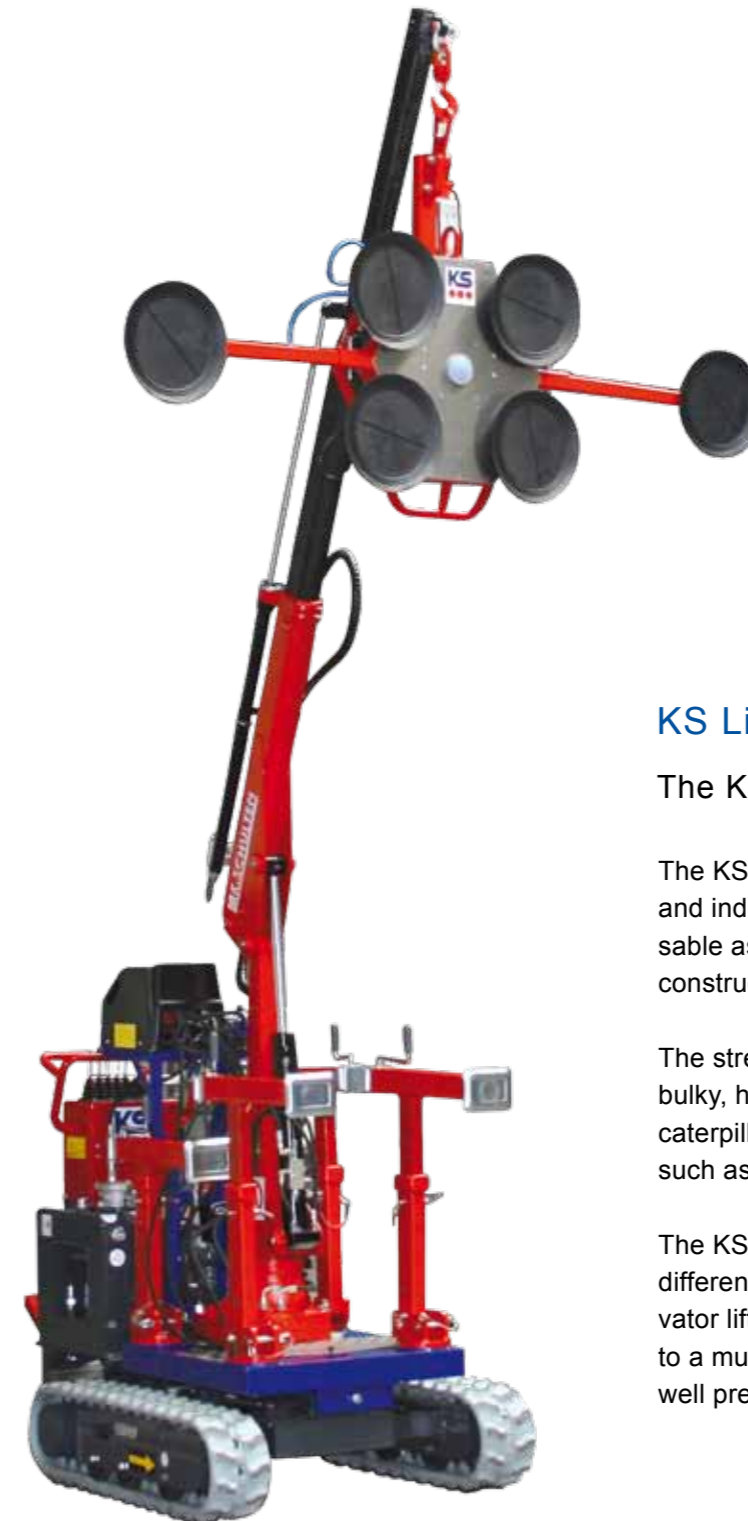
Made in Germany

KS MultiCrawler – the crawler vehicle

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Andreas Nurmman, lead of lifting technology, in field test.



KS Lifting technology

The KS MultiCrawler prevails

The KS MultiCrawler is mainly used on construction sites and industrial areas. He has become for many an indispensable assistant for example in gardening and landscape construction, in viniculture and in the forest.

The strength of the MultiCrawler is to move and transport bulky, heavy goods especially well on rough terrain. By the caterpillar drive he is able to persist even in difficult terrains such as sand, gravel, grass or wet soils.

The KS MultiCrawler is compact and powerful. He is in two different constructions available: with crane arm or as elevator lift. Swap bodies for various applications makes him to a multi-talent on the construction site. So that you are well prepared for all applications.

Well in outdoor use -
the **KS MultiCrawler**

The external constructions are usually finished on construction sites at the end. The technicians encounter poor soil conditions e.g. clay, mud, gravel and have it very difficult in the assembly of large and bulky components.

Then the KS MutliCrawler will come to use and plays his strengths in the terrain.



KS MultiCrawler C500 is equipped with a KS VacuPower suction device*, ideally suited for lifting of glass panes, wood and stone plates, pvc black boards, iron sheets and further more bulky goods.



KS MultiCrawler - strong on uneven ground

By his compact construction and his rugged chassis, the KS MultiCrawler drives very well through impassable terrain. The caterpillar drive and the gross plastic catenae avoid sinking in the ground. Even by limited

spaces the KS MultiCrawler can rank very well.

It is characterized by a small turning circle. A flexible width adjustment of the lane guarantees a higher lateral

stability. Thus, it ensures even in difficult ground conditions a driving safety.



A good idea: all KS MultiCrawler includes standard hydraulic track width adjustment. Thereby is a higher stability when driving off given and narrow passageways can be passed without further.

Technical data KS MultiCrawler

Type	Crane	C 500
Bearing load till	400 kg	500 kg
Lift height	4.200 mm	4.500 mm
Telescope	First step hydraulic, second step manual	Hydraulic
Crane arm	Fixed	Rotating 180 °
Angle of inclination	55 ° upward 50 ° downward	80 ° upward 70 ° downward
Device width	760 mm	760 mm
Device length	1.630 mm	1.630 mm
Device height	1.260 mm	1.260 mm
Gauge	760-1.060 mm	760-1.060 mm
Net weight	1150 kg	1150 kg
Motor	Honda GX390, 9 PS, gasoline	Honda GX390, 9 PS, gasoline
Speed		0 – 4,5 km/h
Drive	Stepless	Stepless



* Optional available



A 9 PS-Honda provides a powerful drive.



Especially flexible - the construction with rotating assembly at the C 500.



High quality brackets provide additional security during the assembly.

Efficient and comfortable – the KS MultiCrawler

Both versions - the crane and 500 C - are provided for the transport of suspended loads. The bracket of the Crane can be telescoped in steps: manual to 940 mm and hydraulic at

the second step of 2.000 mm.

The C 500 however, is operated completely by a hydraulic lift cylinder. The telescopic arm is stepless

wheel-away and adjustable in height. It scores particularly in confined spaces with ease of use.

Hydraulic drive for bearing load up to 500 kg

Easy to operate and comfortable in the application that are only two performances with that the KS MultiCrawler is characterized. At the control panel the chassis and the

hydraulic telescopic can be operated easily.

Two variants are available: the crane with fixed telescopic crane is suitable

for bearing loads up to 400 kg and the C 500 with pivoted crane for bearing loads up to 500 kg. The bigger crane can be rotated 180° and is particularly flexible operational.



All functions are easily controlled by the lever on the control panel.



Very comfortable: the hydraulic telescope at the C 500.

Advantages KS MultiCrawler

- Efficient and comfortable
- For loads up to 500 kg depending on the version
- Site suitability
- Hydraulic drive for more ease of use
- Track width adjustment for higher stability
- Swap body system
- Low maintenance
- High-quality and secure by CE-certification



KS MultiCrawler Lift -

250 kg from zero to 7.500 mm

You need a lifting device that is site suitability and also high up to. Then the KS MultiCrawler is the right choice. Its chassis with caterpillar drive is especially suitable for drives on stony ground, meadows and forest soil. A 9 PS Honda motor delivers the power that you need in the terrain.

The lane of the KS MultiCrawler Lit can be broaden comfortable as at the KS MultiCrawler by an hydraulic drive so that a greater lateral stability is guaranteed on uneven ground.

The minimum setting on a track width of 760 mm allows an easily travel through narrow passages.

For works in upper levels the KS MultiCrawler Lift is recommended. Their hydraulic mast can be controlled comfortable by a lever at the control panel. Construction elements up to 250 kg and height of stroke of up to 7.500 mm masters the KS MultiCrawler Lift readily.



Comfortable: hydraulic cable winch.



Clearly: Control panel with control-lever.



Secure: four brackets for right adjustment.



Mast with hook adapter for supporting of a lifting belt or a suction unit.



Load fork for lifting and assembly of heavy construction parts.

Well equipped with hook adapter or load fork

In the standard configuration the mast is equipped with a hook adapter for lifting, transport or mounting of hanging loads. Combined with a suction unit KS VacuPower are earthenware, glass panes, metal and plastic plates be handled.

The enlargement of the KS MultiCrawler Lift with a load fork* provides especially at heavy and bulky loads of construction parts. With both supports they are well prepared for different purposes.

Advantages

KS MultiCrawler Lift

- Assistance
- Efficient mode of operation
- For loads up to 250 kg and up to 7.500 mm height or 500 kg and 4.800 mm height
- Site suitability
- Hydraulic drive
- Track adjustment for higher stability
- Swap body system
- Low maintenance
- High quality and secure by CE-certification



Technical data KS MultiCrawler Lift

Typ	Lift 250	Lift 500
Bearing load till	250 kg	500 kg
Lift height	7.500 mm	4.800 mm
Height drive	Hydraulic winch	Hydraulic winch
Arm/Mast	Fixed	Fixed
Device width	760 mm	760 mm
Device length	1.630 mm	1.630 mm
Device height*	2.200 mm	2.000 mm
Track width	760-1.060 mm	760-1.060 mm
Net weight	1150 kg	1.300 kg
Motor	Honda GX390, 9 PS, gasoline	Honda GX390, 9 PS, gasoline
Speed	0 – 4,5 km/h	0 – 4,5 km/h
Drive	Stepless	Stepless

* Device height with retracted, backward curved mast: 1.250 mm.



KS Swap bodies - for all situations prepared

A big advantage of the KS Multi-Crawler is the modular construction. Thus, for example are the chassis and the lifting crane been constructed as separate components. Depending on the location or application the existing support can be solved comfortable from the chassis and can be substitute by another support - such a swap body.

With a little practice the exchange is less than 5 minutes performed. Furthermore the modular construction saves costs: You only need to purchase unique a chassis and to change the swap body depending on the requirements on the construction site.

Swap bodies for KS MultiCrawler

KS MultiCrawler	Crane	C 500	Lift 250	Lift 500
Swap body with Crane		x	x	x
Swap body with C 500	x		x	x
Swap body with Lift 250	x	x		x
Swap body with Lift 500	x	x	x	



Four various for choosing

The swap bodies are in four versions available: as "Lift 250" with telescopic mast up to 7.500 mm lifting height and a bearing load of 250 kg such as "Lift 500" with 4.800 mm lifting height and a bearing load of 500 kg. Or as a fixed crane that is

constructed for loads of up to 400 kg and can extend the telescopic arm to 4.200 mm. The fourth swap body is equipped with a pivoted crane for loads up to 500 kg and a lifting height of 4.500 mm. Depending on the version the slewing crane can lift

and transport secure loads up to 900 kg.*

Upon request, we are glad to produce your swap body to your specifications, e.g. with boxes for supporting of bulk material or stones.

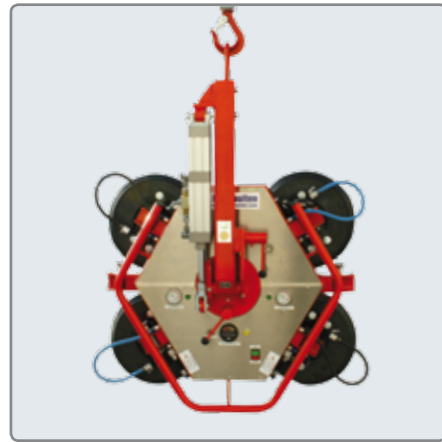
Advantages KS Swap Body

- Durable, strong construction
- Easy assembling
- Quick reconstruction
- Save costs, chassis is only one time needed
- Furthermore swap bodies, e.g. available with cases
- Low maintenance
- High quality and secure by CE-certification

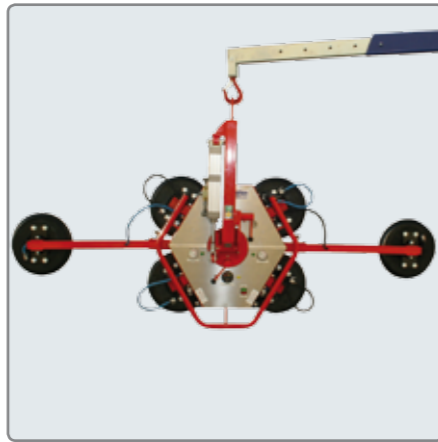
Technical Data

Type of Swap body	Crane	Crane 500	Lift 250	Lift 500
Bearing load	400 kg	500 kg (900 kg on request)	250 kg	500 kg
Lift height	4.200 mm	4.500 mm	7.500 mm	4.800 mm
Telescopic	First step mechanical, second step hydraulic	Hydraulic cylinder	Hydraulic winch	Hydraulic winch
Arm/Mast	Fixed	Rotating 180 °	Fixed	Fixed
Width	1.400 mm	1.400 mm	1.400 mm	1.400 mm
Length	1.000 mm	1.100 mm	1.100 mm	1.100 mm
Height	2.100 mm	1.700 mm	1.700 mm	1.700 mm

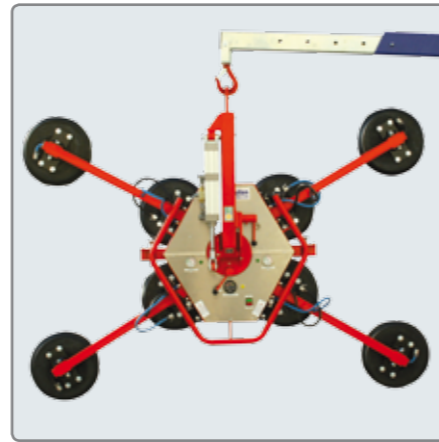
* 900 kg on request



KS VacuPower for 300 kg bearing load.



KS VacuPower for 450 kg bearing load.



KS VacuPower for 600 kg bearing load.

Vacuum suction device KS VacuPower

combinable with all KS MultiCrawlern

With the vacuum suction device KS VacuPower construction elements up to 600 kg can be handled easily. In the basic version the KS VacuPower is equipped with four suction plates for loads up to 300 kg.

Did you need more flexibility on the construction site, than you can handle thanks to the sophisticated plug-in

system larger and heavier elements very well.

You can extend the vacuum suction unit easily around two or four suction. You can plug it and fix it with bolts. And you're well prepared for components up to 450 kg or even to 600 kg.

Advantages KS VacuPower

- Considerate transport of loads with sensitive surface
- Motor-driven repumping without loss of the remaining vacuum
- Easy to operate
- Two circle system, increased safety by optical acoustic warning device according to DIN EN 13155
- For the indoor and outdoor use
- Low maintenance
- High quality and secure by CE-certification



Two independent vacuum circles provide more necessary security at the assembly.



Easy reconstruction and extension of the lifting arms for higher bearing loads.



Two supportings with rolls serve as transport systems for the KS VacuPower.



KS MultiCrawler Crane with KS VacuPower300.



Suction unit 200 for the Overhead assembly.

Two suction units for vertical and overhead assembly

The telescopic lift or crane is in standard equipped with a hook supporting for example can be mounted the KS VacuPower. It is ideal for glazing and lifting large, heavy glasses and window units up to 600 kg.

For the overhead assembly provides an adapter with a glass uptake table.

It comes mainly with the installation of glass panes in winter gardens, in awnings and atriums in use. The construction with four suction plates holds loads up to 200 kg.

Technical data suction units

Type	KS VacuPower 300 Vertical assembly	KS VacuPower 450 Vertical assembly	KS VacuPower 600 Vertical assembly	Suction unit 200 Overhead assembly
Bearing load	300 kg	450 kg	600 kg	200 kg
Suction plates	4 pcs.	6 pcs.	8 pcs.	4 pcs.
Diameter Suction plates	300 mm	300 mm	300 mm	210 mm
Dimension	510 x 700 x 200 mm	2.200 x 700 x 200 mm	1.850 x 1300 x 200 mm	1.450 x 300 x 420 mm
Net weight	Approx.50 kg	Approx.60 kg	Approx.70 kg	Approx.16 kg
Drive	12 V battery	12 V battery	12 V battery	Mechanical

Further lifting devices you can find it in our prospects "KS Robots" and "KS loads lifts an cranes"



Good products and satisfied customers are our top priority.

Overview behind the scenes

We operate for more than 36 years in the machine construction. The manufacturing of lifting devices belongs for more than 10 years to the strength of the KS product range. In our factory in Emsbüren you have got the possibility to have a look behind the scenes. We invite you to be convinced of the quality of our manufacturing and to get to know us and our products. In our exhibition hall,

experienced technicians perform the lifting devices 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 roller shutter fabrication machines for roller shutter and test rigs for windows, doors, facades and gates are worldwide in use. Please ask, we advise you.



Produced by well-trained specialists.



The components are manufactured exclusively in our own workshops in Germany and assembled.



In our exhibition hall you can see our KS Robots live.

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 own workshops by well-trained specialists. Our experienced technicians

are quick to point to advise you imparting knowledge to practice or perform maintenance.

We are here to serve you and make efficiency-enhancing projects in your company to jointly.



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



Before leaving the factory the KS machine runs a test phase.



Also including confined spaces, the KS Robot 280 is used.



KS Robot 280 at the assembling of doors in German ICE trains.



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