

# Our basis: Water

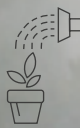
## System for versatile and ecological weed removal.



Weed removal



Cleaning



Plant watering



Removal of chewing gum



Disinfection

**KECKEX**

Natural.  
Effective.  
Modular.

#### CONTENT

Mission statement  
Method  
Machines  
Accessories  
Innovations



#### MISSION STATEMENT

It all starts with the spirit of invention and a desire for change. This has been the biggest drive in our line of work: At KECKEX we believe, that innovation must happen in an ecological way. We invent and design our products to comply with this principle and to support the transition to eco-friendly processes.

#### AREAS OF APPLICATION

Our Mission Statement applies to the municipal sector as well as to the agricultural and private sectors. We know our innovations and products inside out. Every step from the construction to the assembling takes place in our own company. This expertise combined with our modular system enables us to customize each unit to perfectly suit the individual needs of our customers and partners.

**Michael Keckeis**  
Founder & CEO



Our devices accomplish their results solely with the combination of hot water and steam.



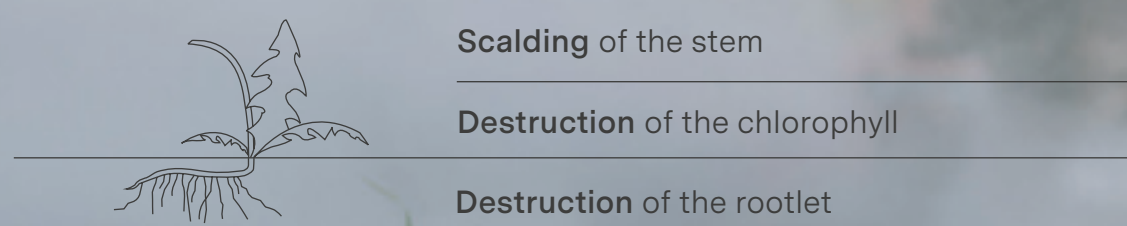
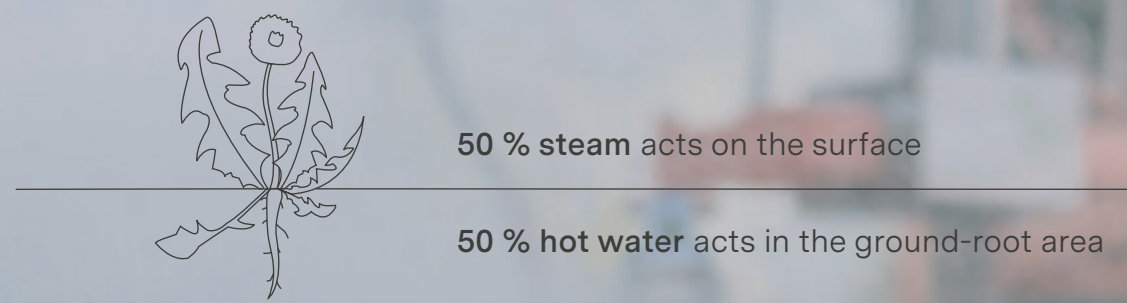
THE KECKEX METHOD

The system of the Keckex products is built solely on the characteristics of heated water. This makes our method the most natural technique in the field of weed control: A mixture of hot water and steam, up to 130°C, ensures that the weed is tackled on the treated surface, just like its root system. Because our accessories are completely sealed, the steam is locked in. In this way, an atmosphere of over 100°C is created which prevents the water from cooling down between leaving the nozzle and reaching the ground. The heat triggers a protein shock in the plant that destroys the cell wall. As a result, the plant can no longer absorb water which causes it to dry out. Depending on the vegetation, repeated application may be necessary for the weed to wither definitively.

APPLICATION

Our modules are mainly used in municipal and agricultural establishments. They can be applied in all weather conditions and are effective on all types of ground surface. Our equipment operates on 12 Volts. This results in working with low noise emission, without the need of a running vehicle engine.

# One element: Water.



Number of applications

THE KECKEX METHOD IS THE MOST EFFICIENT METHOD TO REMOVE WEED IN A NATURAL WAY.



# Natural

The KECKEX method is the most efficient way to eliminate weeds in a natural way. A hot steam mixture ensures that the weeds on the treated surface are combatted in the same way as the root system.



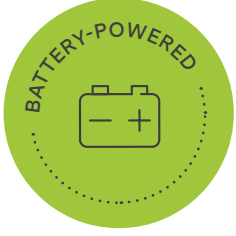
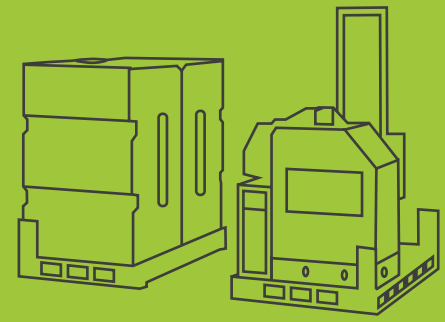
# Effective

KECKEX is the only system on the market, which enables weed removal, plant watering and high-pressure cleaning using one and the same installation.



# Modular

Our products are divided into modules which can be put together in many combinations. We can integrate and connect our system with all municipal vehicles and all types of vehicles.



**BENEFITS OF KECKEX PRODUCTS**

- Ecological
- Suitable for all surfaces
- Easy to use
- Versatile accessories
- Targeted treatments
- Low noise level
- Low water consumption
- Low fuel consumption
- Low service and maintenance costs
- Use in all weather conditions
- Modular system

**WEED REMOVAL**  
Ecological with specific application on embankments, forecourts and other areas with unwanted vegetation.



**HIGH-PRESSURE WASHING AND CLEANING**  
Powerful on dirty and overgrown areas or places with laid slabs.



**REMOVAL OF CHEWING GUM**  
Effective against polluted entrance areas and public spaces.



**WATERING**  
Generous and handy for watering any areas with green or flower meadows and other planted areas.





# An idea: Water.

THE KECKEX MODULES ENSURE EASY USABILITY  
AND VARIOUS APPLICATIONS. OUR MODULES CAN  
BE APPLIED IN ALL WEATHER CONDITIONS AND  
ARE EFFECTIVE ON ALL TYPES OF GROUND SURFACE.







TO THE VIDEO

# KOMEX-JESPI

Self-driving and versatile.  
Self-sufficient in application.



## KOMEX JESPI 12V / KOMEX-JESPI-M13

Drive	battery-operated, up to 8 hours continuous operation
Power supply	12 V DC, 260 Ah
Current consumption	22 ... 28A / 28 ... 33A
Sound level	<79 dB, can be used anywhere without noise pollution
Steam temperature	100 ... 130 °C, depending on accessories
Water tank	450 l, possibility to draw in water from external tanks
Fuel tank	18 l integrated / quick-change system for 20 l metal canisters
Fuel consumption	ca. 4 – 9,5 l/h, depending on the power-on time
Water pump	8 – 10 l/min / 11 – 13 l/min self-priming
Control panel and steering	analogue / digital
Basic dimensions	l/w/h 240 cm x 80 cm x 130 cm
Dry weight	450 kg / 475 kg
Accessories	hose reel, separable hand lances, 15 m steam hose, surface cart and matching support holder, 3 kg machine protection
Optional accessories	high-pressure and pouring pump (on request), steam hose up to 50 m
Features	electric, self-driving, forklift compatible, pneumatic tires

### SUITABLE FOR

- ✓ Narrow paths
- ✓ Narrow streets
- ✓ Gradient up to 25%
- ✓ Trailers with a ramp

### AREAS OF APPLICATION

- ✓ Municipalities / cities for the service and maintenance of public facilities, parks, cemeteries, schools, playgrounds and sports fields, business areas, commercial properties, water protection zones, paths, forecourts of residential and public buildings, etc.
- ✓ Control of invasive plant species such as Japanese knotweed
- ✓ Cleaning of street signs, etc.



# KOMEX-FLEX

Flexible and mobile.



## KOMEX-FLEX-12V / KOMEX-FLEX-M13



Drive	battery-operated, up to 8 hours continuous operation
Power supply	12 V DC, 260 Ah
Current consumption	22 ... 28A / 28 ... 33A
Sound level	<79 dB, can be used anywhere without noise pollution
Steam temperature	100 ... 130 °C, depending on accessories
Fuel tank	18 l integrated / quick-change system for 20 l metal canisters
Fuel consumption	ca. 4 – 9.5 l/h, depending on the power-on time
Water pump	8 – 10 l/min / 11 – 13 l/min self-priming, possibility to draw in water from external tanks
Control panel and steering	analogue / digital
Basic dimensions	l/w/h 97 cm x 78 cm x 104 cm
Dry weight	250 kg / 270 kg
Accessories	separable hand lances, steam hose
Optional accessories	remote control, handcart, 3-point frame for tractor hitch, etc.
Features	direct water connection possible, forklift compatible, steam hose up to 50 m

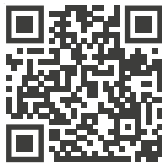
### SUITABLE FOR

- ✓ All carrier vehicles with water tank
- ✓ Trailers with water tank
- ✓ Vehicles with 3 point-hitch and water tank

### AREAS OF APPLICATION

- ✓ Municipalities / cities for the service and maintenance of public facilities, parks, cemeteries, schools, playgrounds and sports fields, business areas, commercial properties, water protection zones, paths, forecourts of residential and public buildings, etc.
- ✓ Control of invasive plant species such as Japanese knotweed
- ✓ Cleaning of street signs, etc.





TO THE VIDEO

# KOMEX-500

practical and autonomous.



## KOMEX-12V-500 / KOMEX-M13-500

Drive	battery-operated, up to 8 hours continuous operation
Power supply	12 V DC, 260 Ah
Current consumption	22 ... 28A / 28 ... 33A
Sound level	<79 dB, can be used anywhere without noise pollution
Steam temperature	100 ... 130 °C, depending on accessories
Water tank	500 l, possibility to draw in water from external tanks
Fuel tank	18 l integrated / quick-change system for 20 l metal canisters
Fuel consumption	4 – 9.5 l/h, depending on the power-on time
Water pump	8 – 10 l/min / 11 – 13 l/min self-priming
Control panel and steering	analogue / digital
Basic dimensions	l/w/h 131 cm x 96 cm x 122 cm
Dry weight	390 kg / 410 kg
Accessories	hose reel, separable hand lances, 15 m steam hose
Optional accessories	remote control, handcart, 3-point frame for tractor hitch, high-pressure and pouring pump (on request)
Features	forklift compatible, steam hose up to 50 m, additional storage space for connections, extension hoses and machine protection, etc.

### SUITABLE FOR

- ✓ All carrier vehicles with loading platform
- ✓ Pick-ups
- ✓ Electric vehicles
- ✓ Municipal vehicles
- ✓ Tractors, forklift trucks, etc.

### AREAS OF APPLICATION

- ✓ Municipalities / cities for the service and maintenance of public facilities, parks, cemeteries, schools, playgrounds and sports fields, business areas, commercial properties, water protection zones, paths, forecourts of residential and public buildings, etc.
- ✓ Control of invasive plant species such as Japanese knotweed
- ✓ Cleaning of street signs, etc.

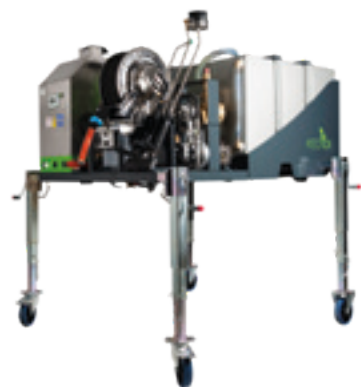




TO THE VIDEO

# KOMEX

Customized, modular,  
multifunctional.



### KOMEX VEHICLE MODULE

Drive	battery-operated, up to 8 hours continuous operation
Power supply	12 V DC, 260 Ah
Current consumption	28 ... 33A
Sound level	<79 dB, can be used anywhere without noise pollution
Steam temperature	100 ... 130°C, depending on the accessories
Water tank	800 l, possibility to draw in water from external tanks
Fuel tank	quick-change system for 20 l metal canisters
Fuel consumption	ca. 4 – 9.5 l/h, depending on the power-on time
Water pump	11 – 13 l/min self-priming
Control panel and steering	digital
Basic dimensions	l/w/h ca. 190 cm x 130 cm x 100 cm
Dry weight	ca. 470 kg, depending on the type of vehicle
Accessories	separable hand lances, steam hose, hose reel
Optional accessories	battery charging via vehicle possible, front attachment with accessories, remote control, handcart, high-pressure and pouring pump (on request)
Features	support legs for quick dismantling and assembling, steam hose up to 50 m

### SUITABLE FOR

- ✓ Many multifunctional device carrier, e.g. Hako, Holder, Schmidt Aebi, Multihog and electric vehicles

### AREAS OF APPLICATION

- ✓ Municipalities / cities for the service and maintenance of public facilities, parks, cemeteries, schools, playgrounds and sports fields, business areas, commercial properties, water protection zones, paths, forecourts of residential and public buildings, etc.
- ✓ Control of invasive plant species such as Japanese knotweed
- ✓ Cleaning of street signs, etc.







# KOMEX-M13-800

Flexible, separable, adaptable.

This combination can be equipped with an 800 l or 1600 l water tank. Due to the variants with one or two boiler systems and the divisibility of the vehicle modules, there is a wide range of possible application.



## KOMEX-M13-800

Drive	battery-operated, up to 8 hours continuous operation
Power supply	12 V DC, 260 Ah
Current consumption	28 ... 33A
Sound level	<79 dB, can be used anywhere without noise pollution
Steam temperature	100 ... 130°C, depending on the accessories
Water tank	800 l, possibility to draw in water from external tanks
Fuel tank	quick-change system for 20 l metal canisters
Fuel consumption	ca. 4 – 9.5 l/h, depending on the power-on time
Water pump	11 – 13 l/min self-priming
Control panel and steering	digital
Basic dimensions	l/w/h ca. 162 cm x 136 cm x 138 cm
Dry weight	ca. 540 kg
Accessories	separable hand lances, steam hose, hose reel, handcart
Optional accessories	remote control, 3-point frame for tractor hitch, tank extension module with 800 l, high-pressure and pouring pump (on request)
Features	extendable and separable, forklift compatible, steam hose up to 50 m

### SUITABLE FOR

- ✓ All carrier vehicles with loading platform
- ✓ Trailers
- ✓ Electric vehicles
- ✓ Communal vehicles
- ✓ Tractors, forklift trucks, etc.

### AREAS OF APPLICATION

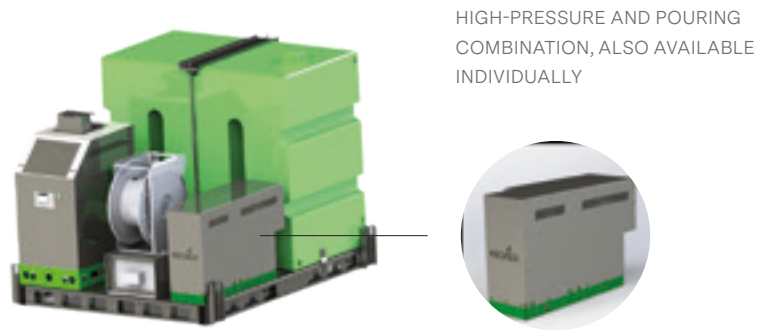
- ✓ Municipalities / cities for the service and maintenance of public facilities, parks, cemeteries, schools, playgrounds and sports fields, business areas, commercial properties, water protection zones, paths, forecourts of residential and public buildings, etc.
- ✓ Control of invasive plant species such as Japanese knotweed
- ✓ Cleaning of street signs, etc.



# KOMEX-eHDG

electric, autonomous, modular.

The electric part of the Komex is even more flexible due to its fuel independence. Its applications range from weed removal to high-pressure cleaning and watering of growth surfaces of any size, as well as chewing gum removal.



HIGH-PRESSURE AND POURING COMBINATION, ALSO AVAILABLE INDIVIDUALLY

Drive	electrical via a Li-Ion 5KW battery
Power supply	12 V / 48 V DC charging via vehicle possible
Current consumption	28 ... 130A
Sound level	<79 dB, can be used anywhere without noise pollution
Steam temperature	100 ... 130°C, depending on the accessories
Water tank	800 l with C and Geka coupling for filling
Fuel tank	quick-change system for 20 l metal canisters
Fuel consumption	4 – 9.5 l/h, depending on the power-on time
Water pump	possibility to draw in water from external tanks
Weed removal	11 – 13 l/min self-priming
High-pressure cleaning	0 ... 130 bar – 18 l/min
Watering	0 ... 140 l/min
Control panel and steering	digital
Basic dimensions	l/w/h ca. 162 cm x 136 cm x 138 cm
Dry weight	ca. 540 kg
Accessories	separable hand lances, steam hose, hose reel, handcart
Optional accessories	remote control, 3-point frame for tractor hitch, tank extension module with 800 l, high-pressure and pouring pump (on request)
Features	extendable and separable, forklift compatible, steam hose up to 50 m

### SUITABLE FOR

- ✓ Carrier vehicles with loading platform
- ✓ Trailers
- ✓ Electric vehicles
- ✓ Communal vehicles
- ✓ Tractors, forklift trucks, etc.

### AREAS OF APPLICATION

- ✓ Municipalities / cities for the service and maintenance of public facilities, parks, cemeteries, schools, playgrounds and sports fields, business areas, commercial properties, water protection zones, paths, forecourts of residential and public buildings, etc.
- ✓ Control of invasive plant species such as Japanese knotweed
- ✓ Cleaning of street signs, etc.

# Weed manager with GPS and appointment coordinator

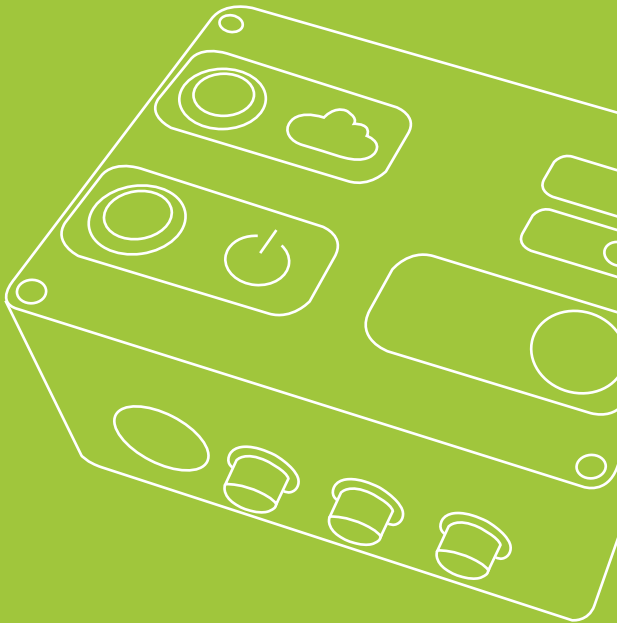
- ✓ Increase efficiency and effectiveness: Water and fuel are only used where it is absolutely necessary
- ✓ Ensure mobility: Module can be used in all devices
- ✓ Robust construction
- ✓ Digitise treatment book (street, location, duration, etc.)
- ✓ Create competitive advantages
- ✓ Reduce operating costs
- ✓ Improve customer service



With our specially developed App, we create overview and efficiency. We provide data analysis for the users of our devices and bring ease into time management and coordination.

### Analytics functions:

- ✓ Process position data: as a heat map or directly; connected to a route and visualised
- ✓ Download raw data for your own analysis
- ✓ Report function for billing
- ✓ Analyse driven routes: Temporally and locally
- ✓ Calculate valve activation percentage (length of route and operational time)
- ✓ Create tasks for further operations
- ✓ Label tasks
- ✓ Date of treatment
- ✓ System suggests required duration of treatment
- ✓ Email invitation to production calendar for planning of further operations (name of street, duration, etc.)
- ✓ In the task manager, created tasks can be reviewed and reported as completed





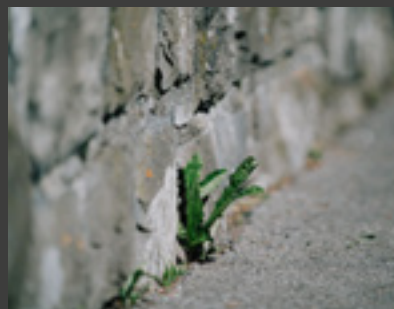
# Accessories

Our strength: Hight-quality standard components that are easy to handle and always ready to use. Innovation and precision lie behind the KECKEX accessories.

BEFORE



AFTER



## FRONT-END ATTACHMENTS



KHT-500 TELESCOPIC ARM

Flexible and extendible. Serves to guide the attachments KRB-50, KFB-100 and KFB-50. Additional telescope element available.



KRB-50 KERB DEVICE

Thorough and timesaving. Tackles weed on all kerbs in one work step. Optional with side nozzle.



KFB-100 AND KFB-50 SURFACE DEVICE

Expansive and efficient. Tackles weed extensively. Dividable in 2 zones for precise spreading.



KFB-150 SURFACE DEVICE

Expansive and efficient. Tackles weed extensively. Dividable in 3 zones for precise spreading.

A COMFORTABLE  
USABILITY IS  
GUARANTEED.





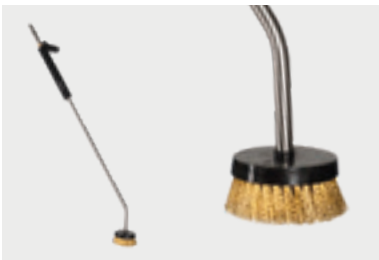


DO YOU HAVE AN IDEA  
FOR A LANCE?  
WE CAN BUILD IT FOR YOU!



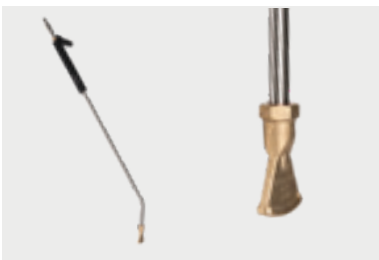
**KHL LANCE**

Robust and handy. This lance has a comfortable quick-coupling.



**KHL-M BRASS BRUSH LANCE**

Persistent and thorough. A lance for the rough. Perfect for removing chewing gum and the processing of weathered surfaces.



**KHL-D NOZZLE LANCE**

Flexible and gentle. This lance is especially for inaccessible spots and operates with a robust brass nozzle.



**KHL-Z CYLINDER LANCE**

Effective and very efficient. The cylindrical shape ensures a steady water spreading and is comparable to a shower head.



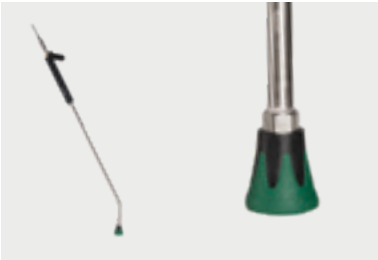
**KHL-S SPIKE LANCE**

Unyielding and deeply effective. The 21 cm long ground spike is ideal for the treatment of bitter dock and deep rooters.



**KHL-B BAR LANCE**

Swift and wide. This lance with the 20 cm wide bar is perfect for spots that are difficult to reach.



**KHL-H HIGH-PRESSURE LANCE**

Powerful and adaptable. In combination with a high-pressure pump, the ideal lance for powerful use.



**KHL-G WATERING LANCE**

Efficient and thorough. The lance head has a diameter of 15 cm and can be perfectly coupled with a watering pump.



**KRBH KERB DEVICE**

Comfortable and mobile. This lance can adapt to the kerb and has been developed primarily for hand-guided kerb treatment



**KFBH-50, KFBH-70 SURFACE DEVICE**

Thorough and effective on larger surfaces. Our largest hand-guided device has a 50x70 cm steam head and is perfectly suited for medium-sized areas.



MOSMATIC-PRODUCTS  
E.G. SURFACE CLEANER  
AVAILABLE ON REQUEST



# Look into the future

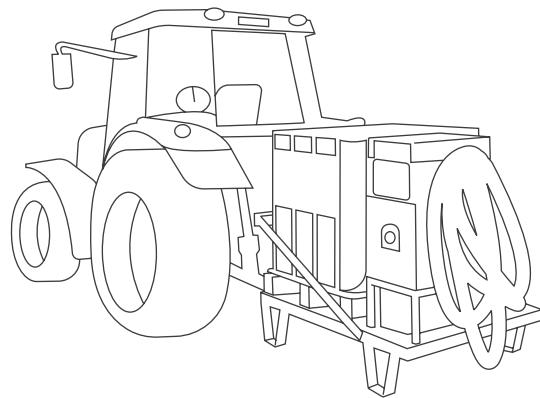
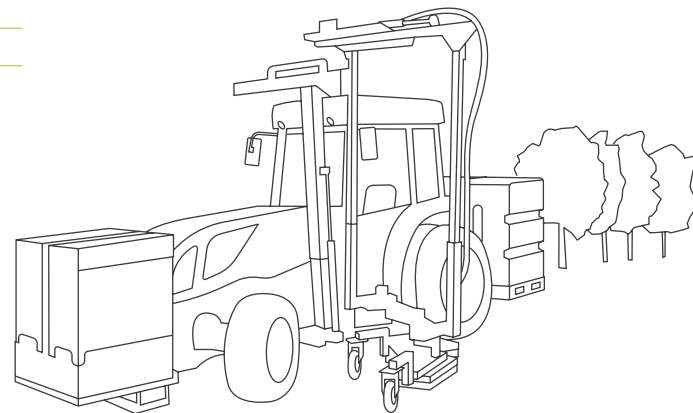
## Expansion in all areas

### KECKEX in Agriculture

Application in agriculture and viticulture

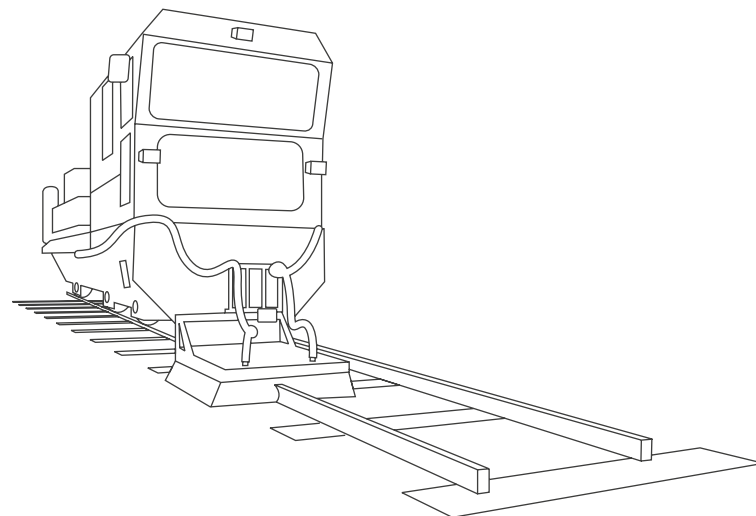


TO THE VIDEO



### BLACKENEX

Treating broad-leaved dock and problem plants



### KECKEX on rails

Application on railway tracks (trials running)



TO THE VIDEO



Not only do we develop systems, we also apply them and are constantly improving our own inventions. Therefore, we can make our practical expertise available and keep our company flexible and innovative. This form of work is applicable all over the world. That is why we are looking for franchise partners worldwide. Be part of the Keckex movement: [www.keckex-care.com](http://www.keckex-care.com)



Production and development become more efficient when distances become shorter and a direct communication is established in the processes of a company. That is the reason why we design and manufacture our metal parts in our own company. We give concrete form to ideas through many years of experience and well-thought-out solutions in the field of metal construction: [www.rex-metal.com](http://www.rex-metal.com)

KECKEX moves around the world. Our systems are used on two continents and in over 20 countries.

We publish our new innovations and current expansion on the social networks:



[facebook.com/keckex](https://facebook.com/keckex)  
[instagram.com/keckex\\_gmbh\\_](https://instagram.com/keckex_gmbh_)  
[youtube.com/c/KECKEXGmbH](https://youtube.com/c/KECKEXGmbH)  
[linkedin.com/company/keckex-gmbh/](https://linkedin.com/company/keckex-gmbh/)



[office@keckex.com](mailto:office@keckex.com)  
[www.keckex.com](http://www.keckex.com)







The KECKEX method  
is the most efficient  
method to tackle weed  
in a natural way.

YOUR DEALER

KECKEX GMBH

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