

## **MECHANICAL HEDGE CUTTING & MECHANICAL WEED CONTROL**



**EFFICIENT - RELIABLE - DURABLE**

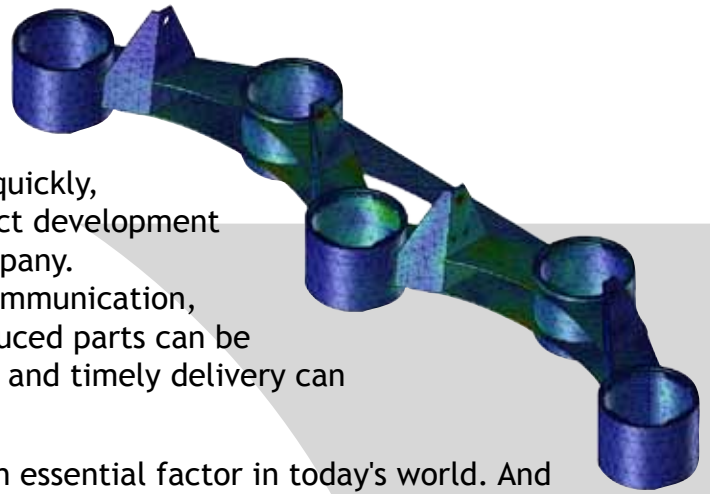
## IDEAS

All good products are based on good ideas. Becx Machines does its utmost to effectively convert such ideas into functional and durable machines. At the Becx engineering department, ideas first become drawings; drawings then become prototypes; and prototypes become products after further development. These are EFFECTIVE products that Becx wholeheartedly believes in!

## PRODUCTION

Because Becx believes in short lines of

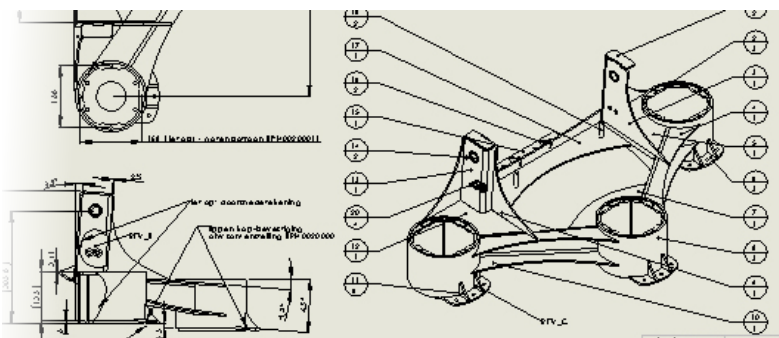
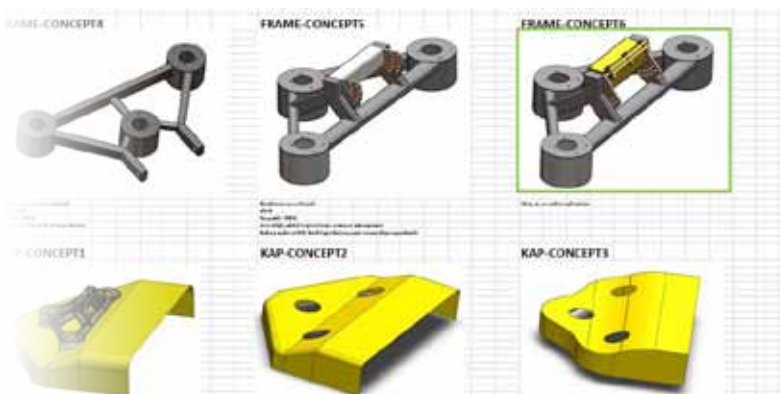
communication and the ability to respond quickly, Becx prefers to keep production and product development activities in-house or very close to the company. Due to short distances and short lines of communication, changes can be quickly implemented, produced parts can be inspected efficiently and consistent quality and timely delivery can be guaranteed.



## INFORMATION

Information is an essential factor in today's world. And Becx understands the importance of providing good information. This brochure features basic details about all

Becx Machines. Besides this brochure, you can also visit [becxmachines.com](http://becxmachines.com). This website features extensive information for each machine, as well as photos and videos. You can also request demonstrations.



# Contents

## HEDGE CUTTERS

**HS75HR**



p. 4-5

**HS130HR**



p. 6-7

**HS131HR**



p. 8-9

**HS150HR**



p. 10-11

**HS210HR**



p. 12-13

## HYDRAULIC ARMS / ROTATORS

**WLA60**



p. 14-15

**DRHS55**



p. 16-17

## WEED BRUSHES / EDGE CUTTERS

**OBKS50-35**



p. 18-19

**OB90M**



p. 20-21

**OB90**



p. 22-23

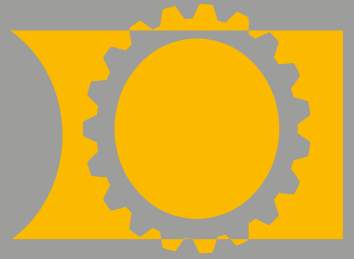
**OBKS90-45**



p. 24-25



# HS75HR



## A SINGLE PROCESS

The Becx HS75HR is the smallest and newest machine in the hedge cutter range from Becx Machines. This hedge cutter with two cutter heads is an entirely new design.

Its small size means it weighs very little and requires only a small amount of oilflow. The HS75HR is therefore compatible with even the smallest of tractors. Of course this cutter also has all the features of our other hedge cutters.

## EXTRA SAFE and RELIABLE

Becx Machines raises the level of safety further with the HS75HR. The principal aim is a lightweight hedge cutter, so the

hood and the frame have to be lighter and thinner. Extra safety is still ensured by making the safety components of the hood from extra high-strength steel which is up to 4 times more damage-resistant than our regular steel. This guarantees safety.

## CAPACITY

Becx hedge cutters are able to significantly reduce the size of hedges in a single work process, without making concessions in results. Noise levels are very low because the machine only uses hydro-motors and features

no chains or V-belts.

**PATENTED**



# HEDGE CUTTER

## HS75HR

- Very safe thanks to a closed casing made of high-strength steel
- Reliable and cost-saving
- Perfect cutting results
- Low weight and low noise levels
- Compatible with almost all mowing arms

## SPECIFICATIONS

Type:	HS75HR
Working width:	77 cm
Cutting capacity:	up to 2.0 cm
Mounting bracket:	80 x 80 mm
Maximum revolutions:	3000 rpm
Required connections:	Pressure - Return - Drain lines (pressure-free)
Required oil supply:	circa 24 l/min (featuring 8cc motor as standard)
Min. - Max. oil pressure:	180 - 210 bar
The standard HS75HR will be supplied with 110 cm hoses featuring quick release couplings.	

## OPTIONS

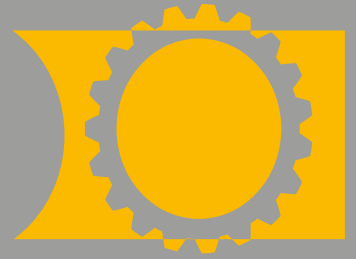
- Flow regulator for adjusting to 24 l/min



See the HS75HR in action at [www.becxmachines.com](http://www.becxmachines.com)



# HS130HR



## A SINGLE PROCESS

The Becx HS130HR hedge cutter has been specially developed for professional hedge cutting in a single work process. The material is trimmed, cut into fine pieces by the patented double blade (inside the closed casing) and inserted back into the hedge. This helps to minimize the clean-up and disposal of hedge cuttings. Becx's patented cutting system ensures the very highest cutting quality.

## SAFE and RELIABLE

Thanks to its shielded enclosure, the HS130HR is deemed to be extremely safe. The casing helps to prevent cuttings from scattering. Downtime is kept to a minimum thanks to the use of high quality materials, effective construction and direct transmission based on strong hydro-motors. The machine is also very easy and cheap to maintain.

## CAPACITY

Becx hedge cutters are able to significantly reduce the size of hedges in a single work process, without making concessions in results. Noise levels are very low because the machine only uses hydro-motors and features no chains or V-belts.

**PATENTED**



# HEDGE CUTTER

## HS130HR

- Safe thanks to shielded enclosure
- Cost-effective
- Perfect cutting results
- Large capacity
- Low noise levels
- Compatible with almost all mowing arms

## SPECIFICATIONS

Type:	HS130HR
Working width:	127 cm
Cutting capacity:	up to 2.5 cm
Weight:	134 kg
Mounting bracket:	80 x 80 mm
Maximum revolutions:	2500 rpm
Required connections:	Pressure - Return - Drain line (pressure-free)
Required oil supply:	circa 30 l/min (featuring 11cc motor as standard)
Min. - Max. oil pressure:	180 - 210 bar

A standard HS130HR will be supplied with 110 cm hoses featuring quick release couplings.

## OPTIONS

- 16cc motor (circa 45 l/min required)
- Flow regulator for adjusting to 30 l/min

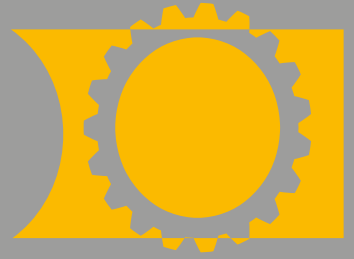


See the HS130HR in action at [www.becxmachines.com](http://www.becxmachines.com)





# HS131HR



## DEVELOPMENT

The Becx HS131HR is one of the latest developments in mechanical hedge cutting. By listening to customers and people's experiences with the HS130HR and HS150HR, we have taken hedge cutting to the next level with this machine. The machine's capacity is slightly higher than the HS130HR. The machine is even better at mulching, discards even less trimmed material and has a more robust casing.

## CUTTING RESULT

The HS131HR features a guide roller. This standard vertical roller makes vertical hedge cutting easier and reduces wear and tear/damage to the hood. Naturally the tops of hedges can also be cut. The extra innovations for that purpose make the cutting result of this cutter even better.

## SAFE and FAMILIAR

Basically, the HS131HR is a reliable hedge cutter similar to the HS130HR. The reliable hydro-motors and bearing houses are also used in the new machine. A number of new properties have been added to these familiar basic elements. For instance, the standard HS131HR features some hydraulic safety elements and blade heads are even easier to maintain.

**PATENTED**





# HEDGE CUTTER

## HS131HR

- Very safe thanks to closed housing
- Reliable
- Cost-effective
- Perfect cutting results
- Large capacity
- Low noise levels
- Compatible with almost all mowing arms

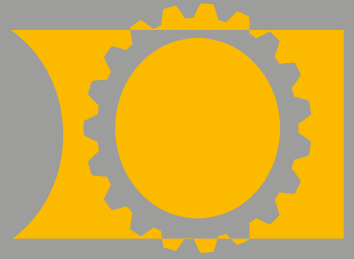
## SPECIFICATIONS

Type:	HS131HR
Working width:	131 cm
Cutting capacity:	up to 3 cm
Weight:	157 kg
Mounting bracket:	80 x 80 mm
Maximum revolutions:	2500 r/m
Required connections:	Pressure - Return - Drain lines (pressure-free)
Required oil supply:	circa 45 l/min (only available with 16cc motor)
Min. - Max. oil pressure:	180 - 210 bar

The standard HS131HR will be supplied with 110 cm hoses featuring agricultural couplings.



# HS150HR



## LARGER

The Becx HS150HR is the strongest machine in the Becx range of hedge cutters. The cutting width has increased, as has the cutting capacity. The standard casing is very robust, which means an extra buffer is not needed when attached to e.g. an excavator.

## GOOD BASIS

The HS150HR has remained loyal to the basic principles of Becx hedge cutters. Three motors and three cutter heads, each with four blades. This helps to safeguard reliability as well as cutting quality. The casing design is robust, effectively reduces the size of the material and is very safe.

## VERSATILE

Its powerful cutting mechanism enables the HS150HR to be used flexibly for a variety of hedges and ground covers. Due to the high intake, hedges can be significantly reduced in size in a single work process. The HS150HR is ideal for heavy duty work. Medium or Large tractors and/or excavators (with double rotator DRHS55) are ideal machines for carrying the HS150HR.

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# HEDGE CUTTER

## HS150HR

- Safe thanks to closed housing
- Reliable
- Cost-effective
- Perfect cutting results
- Very robust
- Extra large capacity
- Low noise levels
- Compatible with almost all mowing arms

## SPECIFICATIONS

Type:	HS150HR
Working width:	150 cm
Cutting capacity:	up to 3.5 cm
Dead weight:	198 kg
Mounting bracket:	80 x 80 mm
Maximum revolutions:	2000 rpm
Required oil supply:	circa 45 l/min (only available with 22cc motor)
Min. - Max. oil pressure:	180 - 210 bar
The standard HS150HR will be supplied with flat face couplings.	

## OPTIONS

- Flow regulator for adjusting to 45 l/min
- Extended assembly clamp

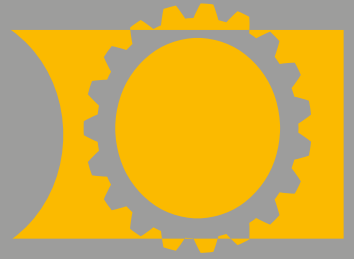


See the HS150HR in action at [www.becxmachines.com](http://www.becxmachines.com)





# HS210HR



## LARGE

The Becx HS210HR is the largest machine in the hedge cutter range from Becx Machines. This hedge cutter with 5 cutter heads is based on the HS131HR and therefore has all the advantages of the previous models. The standard casing is extremely robust, so there is no need for an extra protection buffer when it is attached to a crane, for example.

## SAFE and RELIABLE

The sealed casing of the HS210HR is exceedingly safe. The casing helps to prevent cuttings from scattering. Downtime is kept to a minimum thanks to the use of high-strength steel, solid construction and direct drive by top-quality hydro-motors. The machine is also very easy to maintain.

## CAPACITY

Becx hedge cutters are able to significantly reduce the size of hedges in a single work process, without making concessions in results. Noise levels are very low because the machine only uses hydro-motors and features no chains or V-belts. Furthermore, this machine is designed to accomplish a great deal of work. Many hedges can be cut in a single work process thanks to the 210-cm working width.

**PATENTED**



# HEDGE CUTTER

## HS210HR

- Very safe thanks to closed casing made from high-strength steel
- Reliable and cost-effective
- Good cutting results
- Extra large capacity and working width
- Low noise levels
- Compatible with almost all mowing arms
- With vertical rollers for support

## SPECIFICATIONS

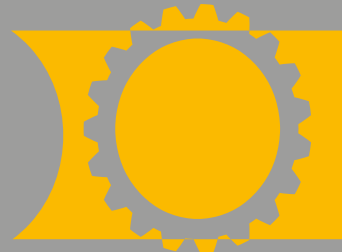
Type:	HS210HR
Working width:	211 cm
Cutting capacity:	up to 3 cm
Dead weight:	269 kg
Mounting bracket:	80 x 80 mm
Maximum revolutions:	2500 rpm
Required oil supply:	circa 90 l/min (featuring 16cc motor as standard)
Min. - Max. oil pressure:	180 - 210 bar
The standard HS210HR will be supplied with screw couplings.	



See the HS210HR in action at [www.becxmachines.com](http://www.becxmachines.com)







## WHEEL LOADER

From now on, you will be able to use your wheel loader for a wider range of purposes thanks to the WLA60. This hydraulic arm makes it possible to assemble Becx hedge cutters on your loader. The WLA60 has been designed to make it compatible with almost all wheel loaders. Becx offers an option with valves and control panel if your wheel loader does not feature the required double hydraulic valves.

## FUNCTIONS

The WLA60 can be extended by 60 cm and tilted by 105 degrees. The arm can be mounted on the left or right, and on the back or front. When used together with your wheel loader's lifting function, it allows you to trim a wide range of hedges. The WLA60 is capable of carrying the HS130HR, HS131HR and the HS150HR.





# Cutting ARM FOR WHEEL LOADER

## WLA60

- Trim hedges with your wheel loader/loader
- Makes your wheel loader/loader even more versatile
- Available with valve block and control panel
- Easy to maintain
- Compatible with almost all wheel loaders/loaders
- Easy assembly and disassembly

## SPECIFICATIONS

Type:	WLA60
Extension width:	60 cm
Tilt angle:	105° degrees
Dead weight:	100 kg
Tool clamp:	80 x 80 mm
Maximum tool weight:	200 kg
Required double hydraulic functions:	2
Min. - Max. oil pressure:	140 - 250 bar

Take note: A separate continuous volume flow will be needed to power your cutter/tool.

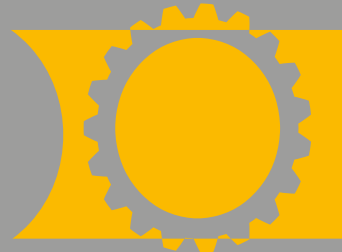
## OPTIONS

- Valve for converting one double function into two.
- Valve block for fully hydraulic operation, including control panel.



See the WLA60 in action at [www.becxmachines.com](http://www.becxmachines.com)



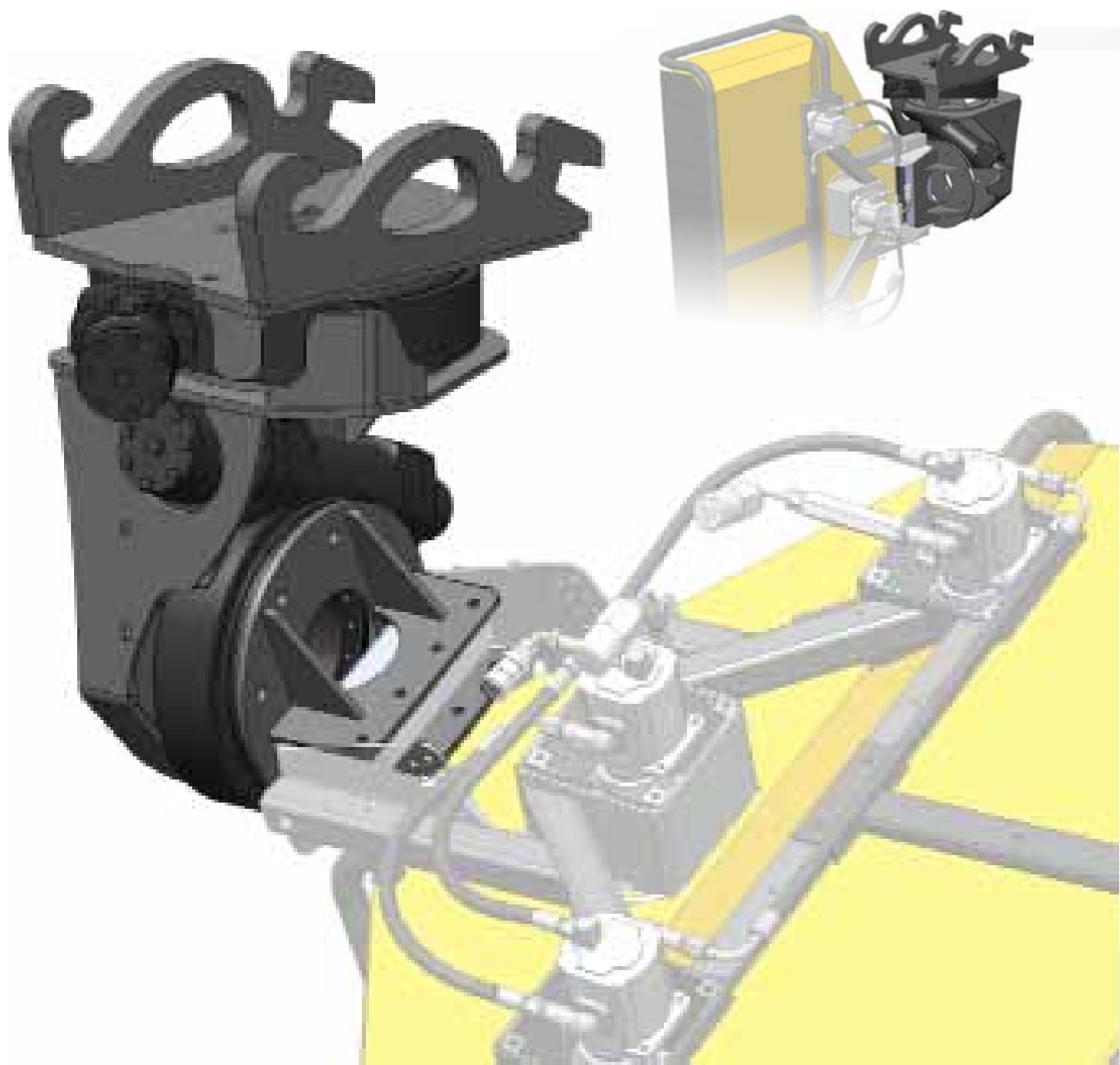


## MINI EXCAVATOR

Mini cranes/excavators are increasingly being used for professional cutting activities. Becx has developed the DRHS55 especially for this purpose. This double rotator unit has a universal CW10 quick-release connection as standard. The rotator unit can also be fitted with the CW20 or CW30.

## FREEDOM OF MOVEMENT

The DRHS55 is compatible with all Becx hedge cutters. By using two hydraulic swivel units, it is possible to rotate 180 degrees horizontally and vertically. The connection point for cutters is a clamp coupling with standard dimensions of 80x80 mm.



# DOUBLE ROTATOR UNIT FOR HEDGE CUTTER

17

## DRHS55

- Hedge cutting with (mini) excavators
- High freedom of movement
- Extremely stable
- Easy to maintain
- CW10/20/30 quick-release coupling

## SPECIFICATIONS

Type:	DRHS55
Height in relation to coupling:	55 cm
Tilt angle (horizontal/vertical):	180° degrees
Weight:	185 kg
Tool clamp:	80 x 80 mm

Required double hydraulic functions: 2

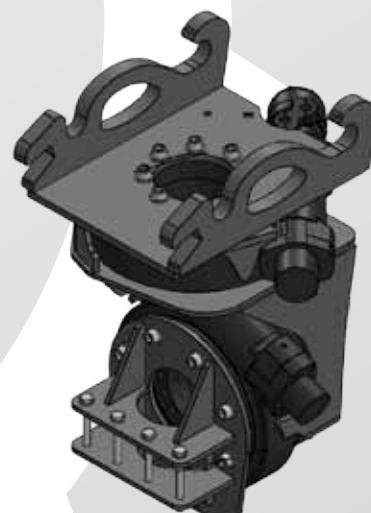
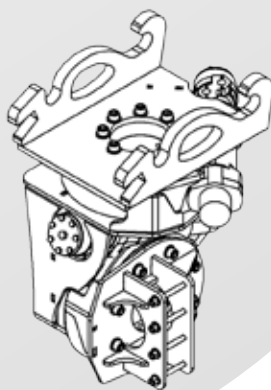
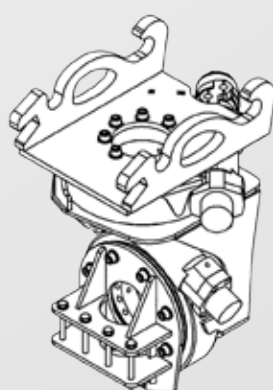
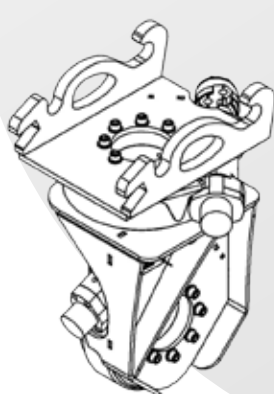
Take note: A separate continuous volume flow will be needed to power your cutter/tool.  
The standard DRHS55 is supplied without hoses and/or couplings.

## OPTIONS

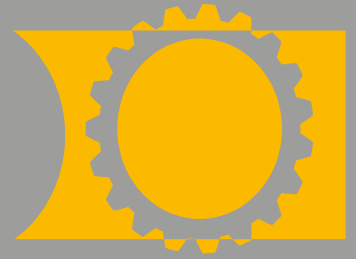
CW20 or CW30 coupling plate



See the DRHS55 in action at [www.becxmachines.com](http://www.becxmachines.com)







## INTELLIGENT DESIGN

The weed brush/edge cutting machines from Becx make it possible to brush surfaces and trim grass in a single work process. The standard OBKS50-35 has a brush diameter of 50 cm and a trimming blade diameter of 35 cm. A standard machine allows the working width to be mechanically adjusted, as well as the height of edge-cutting blades in relation to the brush. The angle of the brush can also be mechanically adjusted.

## HYDRAULIC OPTIONS

The working width and the height of the blade can be adjusted hydraulically. These options can easily be added to your machine at a later time. If your machine does not have enough double hydraulic functions, the machine can be fitted with hydraulic valves and an accompanying control panel!

## COST-EFFECTIVE

The machine's intelligent design keeps production costs to a minimum, which pays off in the initial purchase price! Without making concessions in quality or functionality, Becx offers you a fantastic, complete machine: great performance for a great price.



# WEED BRUSH EDGE CUTTER 50-35

19

## OBKS50-35

- Brushing and edge cutting in a single work process
- Mechanical and hydraulic controls
- Very competitive price, without concessions in quality
- Spring-mounted overload switch on the blade
- Compatible with almost all tool carriers, tractors or loaders
- Hydraulically-driven brush

## SPECIFICATIONS

Type:	OBKS50-35
Brush diameter:	50 cm
Blade diameter:	35 cm
Weight:	170 kg
Required oil supply:	20 - 60 l/min
Min. - Max. oil pressure:	180 - 250 bar

## OPTIONS

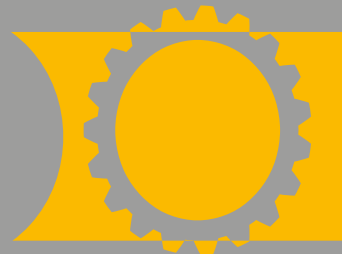
- Hydraulic configuration working width
- Hydraulic configuration blade height
- Valve for converting one double function into two
- Valve block for complete hydraulic operation, including control panel
- Swiveling brush head

The standard OBKS50-35 will be supplied with 110 cm hoses featuring agricultural couplings.



See the OBKS50-35 in action at [www.becxmachines.com](http://www.becxmachines.com)





## MANUAL

The M in OB90M stands for manual. The clever construction allows the user to adjust the OB90M fully to his wishes and requirements. With its swivel reach of 180 degrees the machine can be used across a great range. The angle of the head can be tilted with respect to the paved surface. No hydraulic swivel options are used, so the carrier only requires a hydraulic pressure and return connection.

## MULTIFUNCTIONAL

The M in OB90M can also be understood to mean Multifunctional, because that is certainly a good description of this machine. The clever design of the brush head allows a sweeper to be mounted on the machine easily. The 360-degree rotating brush head can even be used to sweep gutters. Nothing prevents you from using this machine on all types of terrain.

## RELIABLE

Using high-quality materials and components, we have succeeded again in developing a reliable machine. We made no concessions with the functionality and quality, and have created a machine which can be used for many years.





# WEED BRUSH 90M

## OB90M

- Minimum damage to surface due to use of large brush
- Very low noise levels
- Brush arm manually adjustable across 180 degrees
- Can be mounted on almost all tool-carrier, tractor or loader brands
- 360 degree rotating brush head

## SPECIFICATIONS

Type:	OB90M
Brush diameter:	90 cm
Weight:	152 kg
Required oil flow brush:	20 - 60 l/m
Min. - Max. oil pressure:	180 - 250 bar
The standard OB90M will be supplied with hoses to the mounting plate.	

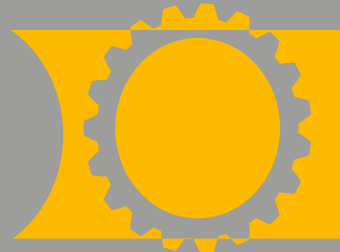
## OPTIONS

- Machine is also available with synthetic sweeper



See the OB90M in action at [www.becxmachines.com](http://www.becxmachines.com)





## FULLY HYDRAULIC

The OB90 is an ideal choice for users who cover a lot of cleaning meters every day. All configuration possibilities are controlled hydraulically, which allows the operator to easily reach all sides and corners without losing time.

The brush arm has a large reach and can be swiveled from left to right. The head can be tilted backwards and forwards, and from left to right. This allows the operator to position the brush exactly where necessary!

The OB90 is also available with hydraulically adjustable edge cutters. Conversion is always possible if you later decide to use your machine to trim edges.

(See the OBKS90-45 on following pages.)

## SURROUNDINGS

Unlike many weed control machines, the OB90 does not use toxic substances or extra diesel when boiling water. The OB90 operates via the hydraulics of the tool carrier and is thus a perfect future-oriented solution when it comes to large-scale, sustainable and safe weed control. An extra large weed brush, with many bristles, has been developed to prevent damage to brushed surfaces. This brush offers excellent results at low revs!



# WEED BRUSH 90

## OB90

- Minimum damage to surface due to use of large brush
- Very low noise levels
- Brush arm hydraulically adjustable in all directions
- Can be mounted on almost all tool-carrier, tractor or loader brands

## SPECIFICATIONS

Type:	OB90
Brush diameter:	90 cm
Weight:	200 kg
Required oil flow brush:	20 - 60 l/m
Required double hydraulic functions:	3
Min. - Max. oil pressure:	180 - 250 bar
The standard OB90 will be supplied with hoses to the mounting plate.	

## OPTIONS

- Machine can also be fitted with a blade, see following page; OBKS90-45

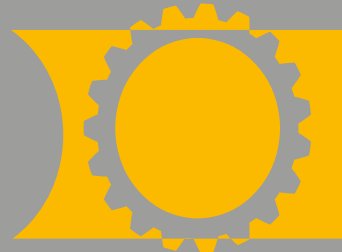


See the OB90 in action at [www.becxmachines.com](http://www.becxmachines.com)





# OBKS90-45



## FULLY HYDRAULIC

The OBKS90-45 is a superb, complete machine for professional users. The operator can control all rotation and swivel functions from his cabin. This range of configuration possibilities improves the number of meters that can be brushed and cut each day. Because the brush and blade can be configured from inside the cabin, this machine is able to trim most grass verges and brush most surfaces! It is also possible to fully withdraw the blade, thus allowing only brushing activities to be carried out.

## SURROUNDINGS

Unlike many weed control machines, the OBKS90-45 does not use toxic substances or extra diesel when boiling water. The OBKS90-45 works via the hydraulics of the tool carrier and is thus a perfect future-oriented solution when it comes to large-scale, sustainable and safe weed control. An extra large weed brush, with many bristles, has been developed to prevent damage to brushed surfaces. This brush offers excellent results at low revs!

## BLADE

Both the height and width of the cutting arm can be adjusted. Both settings feature pressure-regulated valves, which prevent the blade from moving into unwanted positions. The blade controls also feature two accumulators that allow the blade to deviate if excessive pressure is encountered. A clearly visible pressure meter allows the operator to keep a close eye on the pressure.



# WEED BRUSH EDGE CUTTER 90-45

25

## OBKS90-45

- Cost-efficient for customers due to the combined cutting and brushing process
- Minimum damage to surface due to use of large brush
- Very low noise levels
- Brush arm hydraulically adjustable in all directions
- Blade hydraulically adjustable in height and width
- Blade arm features hydraulic pressure-regulated valves
- Blade features lateral overload switch
- Suitable as weed brush when blade withdrawn
- Can be mounted on almost all tool-carrier, tractor or loader brands

## SPECIFICATIONS

Type:	OBKS90-45
Brush diameter:	90 cm
Blade diameter:	45 cm
Required oil supply brush:	20 - 60 l/m
Required double hydraulic functions:	3
Required 12 volt. conn.:	2
Min. - Max. oil pressure:	180 - 250 bar
Weight:	260 kg
The standard OBKS90-45 will be supplied with hoses to the mounting plate.	

## OPTIONS

- Machine is also available without edge cutter; see OB90



See the OBKS90-45 in action at [www.becxmachines.com](http://www.becxmachines.com)







OB90 on AVANT



OBKS50-35 an AVANT



HS150HR an JOHN DEERE



HS130HR & WLA60 on AVANT



HS131HR on BELOS



HS210HR on BELOS



OBKS90-45 on KARCHER



# MACHINES<sup>27</sup>



HS210HR & DRHS55 on MASSEY FERGUSON



OB90M on AVANT

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Contact via your dealer:

BECX MACHINES BV  
De Sonman 35  
5066 GJ Moergestel  
Netherlands  
[www.becxmachines.com](http://www.becxmachines.com)  
[info@becxmachines.com](mailto:info@becxmachines.com)  
tel: +31 (0) 13 513 1140  
fax: +31 (0) 13 513 2060