

HOMBURG
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intelligence

DRAINCLEANERS

exactly what is needed



JUNIOR

For many years of low-maintenance drainpipe cleaning

Of course you are familiar with the benefits of drainage in the field or in the greenhouse. Crops grow better and working conditions for preparing the seedbeds and the harvest are optimal.

Homburg Drain Cleaners are safe because they operate under a low water pressure of only 10 to 12 bar.

The extremely sturdy HPE hose is pushed into the drain (up to 500 metres) making it possible for the specially developed nozzle to clean the drain and remove the dirt.

Keeps your soil in top condition

The Homburg Drain Cleaner type JUNIOR, developed for many years low-maintenance cleaning drainpipes. Large volume of water, low pressure to the nozzle for effortless cleaning of drainage systems. Can be used on either side of the ditch, with a pit set, ideal for working in pits.

Hydraulic roll-on/roll-off flushing hose using two hydraulic motors. Continuously adjustable speed control. Height adjustment of the guide arm with curved roller conveyor through the braked winch. Manual length adjustment and horizontally adjustable.

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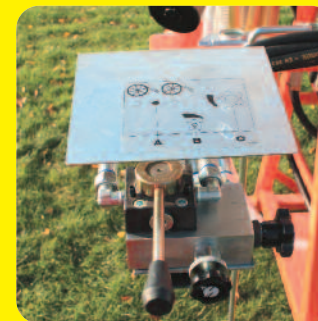
Water pump

A sturdy water pump with a nominal capacity of 80 litres of water a minute at a pressure of 35 bar guarantees optimal cleaning of your drains.



Winch operation

Manual arm operation by way of a winch.



Hydraulic operation

Hydraulic operation of the drive.



Pressure regulator

+ manometer

Reading device for water supply and hydraulics.



Rodding machine

Machine for detecting and manually removing blockages.



Altitude controls

The altitude detector allows you to check the correct position of the drains.

Such information is relevant to make sure the drains are working well or need to be replaced.



Special models:

Homburg Holland produces custom-made drain cleaners on request.

Homburg Drain Cleaners can be supplied in the client's company colours.



Special models:

In combination with a storage tank, the Homburg Drain Cleaners can also be used at places with no surface water provisions.

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DELTA

Regular maintenance keeps your soil in top condition

Regular maintenance is essential for drainage to keep working in optimal fashion.

This is because your drainpipe may become blocked with clay, sand, ingrown roots and iron oxide, resulting in a higher groundwater level and a greater risk of salination. This can cause the condition of your soil to deteriorate. Regular drain cleaning will keep your soil in top condition. And this in turn is reflected in the quality of your crops and your yield.

More functions - greater ease of operation

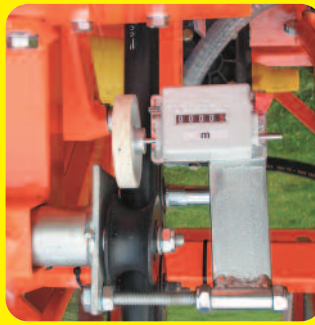
For ease of operation in combination with efficient cleaning of your drainpipes. The Homburg drain cleaner DELTA model, made for ease of operation in combination with efficient cleaning of your drainpipes. Includes all the advantages of the JUNIOR and comes standard with extra hydraulic height adjustment and hydraulic push in and pull out.

Hydraulic roll-on/roll-off flushing hose using two hydraulic motors. Continuously adjustable speed control. Hydraulically foldable guide arm, adjustable in length.

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Meter counter

The meter counter tells you the exact distance the cleaning hose has travelled into the drain.



Remote control

The remote control allows you to always have all relevant functions close at hand while you keep focusing on your work. Manual operation of the manifold block can be done separately. Optional for all types and models of Homburg Drain Cleaners.



Wireless operation

One of life's little luxuries; No more cables getting snagged or turning out to be too short. For the perfect operation of your Homburg Drain Cleaner!



Detection Set

The Homburg Detection Set allows you to pin-point the position of the drains.



Optional: extension opposite side

Using an extension is the solution for cleaning the drains at the other side of the ditch. This will save time and prevents any unnecessary impact on the soil.



Altitude check

The altitude detector allows you to check the correct position of the drains. Such information is relevant to make sure the drains are working well or need to be replaced.



Swing Over Arm

The swivel arm allows you to manoeuvre the Homburg Drain Cleaner in any position as required.

Standard feature of the Homburg Drain Cleaner Senior. Optional feature of the Homburg Drain Cleaner Delta.



Optional: built-in oil supply

A Homburg Drain Cleaner with a built-in oil supply makes you less dependent on the tractor capacity. Connecting to the PTO will suffice in this case.

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SENIOR

Robust and reliable

Homburg Drain Cleaners are economical to use, reliable and extremely robust. Their simple operation guarantees a safe and efficient working environment.

Homburg designs and builds drain cleaners on the basis of many years of practical experience. Homburg can offer an appropriate drain cleaner for every specific situation.

The patented system cleans without affecting the structure of the soil or the drain.

For professionals

The professional machine for contractors and for businesses specialised in drainage maintenance work; Many hydraulic functions for ease of operation, e.g. folds out and back, height adjustment, swivels sideways, slides in and out.

The SENIOR comes standard with a 300 m hose; a 500 m hose is optional. Automatic hose guide is standard on the SENIOR.

Hydraulic roll-on/roll-off flushing hose using three hydraulic motors. Four-wheel drive. Continuously adjustable speed control. Hydraulically foldable guide arm, adjustable in length. Hydraulic horizontal swivelling. Automatic hose guide. Manometer for reading input pressure.

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Arm operation using two cylinders

The Homburg Drain Cleaner Senior has been fitted with two dual-action cylinders for better ease of operation.



Four-wheel drive

The Homburg Drain Cleaner Senior comes standard with four-wheel drive for problem-free driving the drainage hoses extending for more than 300 metres.

Optional for the Homburg Drain Cleaner Junior and Delta.



Drainage hose guide

Unique, automatic hose guiding system for rolling/unrolling the hose on/off the reel.

Homburg Drain Cleaner hoses are known for their great quality, having a long service life.



Lighting set

Safety first.

Homburg Drain Cleaners have an optional lighting set, comprising two complete rear lights and two large-size reflectors.



Powerful operation

Homburg Drain Cleaners are characterised by a powerful operation of the nozzle with front and rear water pressure. This is to ensure the thorough cleaning of the drains.



Nozzles

Choose your own nozzle (depending on the spray direction) for your Homburg Drain Cleaner.

Extra nozzles are available on request.



Nozzle guide

A Homburg nozzle guide is the solution for large diameter drains.

This will ensure optimal, centred cleaning of the drains.



Mounting set

The mounting set is used for changing the nozzle.

The mounting set can also be used for minor maintenance to your Homburg Drain Cleaner.

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HURRICANE

Perfect drain cleaning

Homburg Hurricane is the ultimate drain cleaner, combining the technique and experience of Homburg Holland as drain cleaner manufacturer.

The perfect machine for the discerning professional user, for whom only the best is good enough.

Homburg Dynamic Drive

Homburg Dynamic Drive (HDD) is the fully automated drive system that allows for optimal cleaning of the drains.

After entering the maximum hydraulic pressure and the possible length of the drainage tube, the system will detect any blockage. Once the drive system has reached the set value, the reel will automatically wind up the rinsing hose. An alarm for the driver goes off as soon as the nozzle head has reached the drainage opening.

Homburg Dynamic Drive: for optimal ease of operation!

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Construction

Compact and sophisticated construction.



Long service life

Homburg Hurricane guarantees a long service life and optimal availability.



Homburg Dynamic Drive

Thanks to Homburg Dynamic Drive, users can be assured of optimal ease of operation.



Robust arm

A robust arm is a guarantee for many years of care-free job satisfaction.



Homburg Hose Guide

Homburg Hurricane Drain Cleaners are fitted with a Homburg Hose Guide; an automatic hose guide system.



Homburg Reel

The Homburg Reel allows you to simply wind the suction hose onto the reel.



Homburg Toolbox

Using the Homburg Toolbox, the Hurricane Drain Cleaner gives you a spacious storage area for tools and the like.



Lighting

Homburg Hurricane Drain Cleaners are fitted with vehicle lighting for proper visibility on public roads. In addition, the Hurricane Drain Cleaners are also fitted with a set of working lights that allow you to keep going after dark..

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Technical specifications

	JUNIOR	DELTA	SENIOR	HURRICANE
ATTACHMENT	three-point - lifting device Cat. 2	three-point - lifting device Cat. 2	three-point - lifting device Cat. 2	three-point - lifting device Cat. 2
HYDRAULICS				
Hydraulic system	2 hydraulic motors, 1 steering valve, 1 control valve, 1 pressure-compensated control valve	2 hydr. motors, 2 cylinders, 3-way steering valve, 2 control valves, one of which is pressure-compensated	3 hydr. motors, 4 cylinders, 5-way steering valve, 2 control valves, one of which is pressure-compensated	3 hydr. motors, 4 cylinders, 5-way manifold valve with integrated pressure compensator
Tractor hydraulics	single-acting steering valve with pressureless return or double-acting steering valve	single-acting steering valve with pressureless return or double-acting steering valve	single-acting steering valve with pressureless return or double-acting steering valve	single-acting steering valve with pressureless return or double-acting steering valve
Oil required	5 - 7 litres/min	5 - 7 litres/min	10 - 15 litres/min	10 - 15 litres/min
PUMP				
Water pump	5-fold membrane pump	5-fold membrane pump	5-fold membrane pump	5-fold membrane pump
Drive	PTO - 13 8/8	PTO - 1 3/8	PTO - 1 3/8	PTO - 1 3/8
Max. capacity	115 litres/min - 50 bar - 540 rpm	115 litres/min - 50 bar - 540 rpm	115 litres/min - 50 bar - 540 rpm	115 litres/min - 50 bar - 540 rpm
Working capacity	70 litres/min - 80 bar - 35 rpm	70 litres/min - 80 bar - 35 rpm	70 litres/min - 80 bar - 35 rpm	70 litres/min - 80 bar - 35 rpm
HOSE				
Cleaning hose	300 m HPE hose / Ø 27 mm x 3.5 mm	300 m HPE hose / Ø 27 mm x 3.5 mm	300 m HPE hose / Ø 27 mm x 3.5 mm	300 m HPE hose / Ø 27 mm x 3.5 mm
Suction hose	10 m 1 ¼" hose with steel inlay with filter and floater	10 m 1 ¼" hose with steel inlay with filter and floater	10 m 1 ¼" hose with steel inlay with filter and floater	10 m 1 ¼" hose with steel inlay with filter and floater
Return hose	10 m ¾" hose	10 m ¾" hose	10 m ¾" hose	10 m ¾" hose
Nozzle	12 + 1 openings of 2.0 mm	12 + 1 openings of 2.0 mm	12 + 1 openings of 2.0 mm	12 + 1 openings of 2.0 mm
Meter counter	Standard	Standard	Standard	electric
Drive	hydraulic motor with 2 driving wheels and 2 pressure wheels	hydraulic motor with 2 driving wheels and 2 pressure wheels	hydraulic motor with 2 driving wheels and 2 pressure wheels	hydraulic motor with 2 driving wheels and 2 pressure wheels
Speed regulator	continuously variable	continuously variable	continuously variable	continuously variable
Work rate	max 20 - 30 m / min	max 20 - 30 m / min	max 20 - 30 m / min	max 20 - 30 m / min
Hose push in / pull out	hydraulic for pushing in / pulling out	hydraulic for pushing in / pulling out	hydraulic for pushing in / pulling out	hydraulic for pushing in / pulling out
Hose guidance	manual manual height adjustment with safety winch	manual hydraulic height and length adjustment	automatic hose guide, hydraulic height and length adjustment, hydraulic horizontally adjustable	automatic hose guide, hydraulic height and length adjustment, hydraulic horizontally adjustable
WEIGHT				
Empty	approximately 415 kg	approximately 480 kg	approximately 720 kg	approximately 720 kg
Filled with water	approximately 515 kg	approximately 580 kg	approximately 820 kg	approximately 820 kg
Dimensions	l: 1.10 x w: 1.80 x h: 2.25 m	l: 1.10 x w: 2.15 x h: 2.25 m	l: 1.40 x w: 2.25 x h: 2.25 m	l: 1.40 x w: 2.25 x h: 2.25 m
OPERATION	hydraulic with levers, optional: electr./hydr.	hydraulic with levers, optional: electr./hydr.	hydraulic with levers, optional: electr./hydr.	electric/hydraulic
LIGHTING	optional	optional	optional	optional
GUARANTEE	1 year, instruction book + parts list	1 year, instruction book + parts list	1 year, instruction book + parts list	1 year, instruction book + parts list

Accessories

Multifunction

Homburg drain cleaners can be used for multiple purposes. For instance, Public Works contractors use the Homburg Drain Cleaners for detecting and removing blockages in sewer systems. For that reason, Homburg carries all accessories in stock, such as a pit set, in order to secure a speedy delivery. Homburg Drain Cleaners may also be used for cleaning sewer pipes.

Rodding machine for inspecting and pulling cables

Homburg Holland is also the supplier of rodding sets with various lengths of glass fibre rods for inspecting drainpipes and drawing cables.

Various lengths and thicknesses of glass fibre rods available, either per metre or on a reel.

4 mm Ø	length: 40, 60, 80 or 100 metres
6 mm Ø	length: 60, 80, 100 or 150 metres
9 mm Ø	length: 60, 80, 100, 120, 150 or 200 metres
11 mm Ø	length: 100, 150, 200, 250 or 300 metres
14 mm Ø	length: 150, 200, 250, 300 or 350 metres

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Prevention is better than..

Prevention is better than cure. Drainage will improve the water balance on your land in a sustainable manner. An adequate water balance will guarantee a lasting proper structure of your soil as well as a proper yield; year after year.

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Homburg Holland

Since 1961, Homburg Holland in Stiens (province of Friesland) has been the importer of HARDI sprayers for the Netherlands. Many years of experience have turned Homburg into an absolute specialist in the field of spraying techniques. These techniques are aimed at precision farming, with the emphasis on minimising the use of agents.

"Exactly what is needed", as the Homburg motto says.

More than 50 years of experience in spraying techniques has resulted in HARDI, as well as gaining the importing rights and the dealerships for WeedSeeker and GreenSeeker. Strong Trimble brands, which also excel in precision applications in parks and gardens, as well as in agriculture. Since 2010, The Handler has been part of the range of products: a high-capacity bulk container that allows the sprayer operator to fully concentrate on his spraying job, rather than on repeatedly refilling the machine.

From the 1970s, Homburg has been designing and building its own drain cleaners. Homburg drain cleaners provide a sophisticated maintenance and water disposal system.

This is to create favourable working conditions during seed-bed preparation, crop care and harvest time, while crops are growing better.

Homburg Drain Cleaners are sold worldwide.

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Homburg Holland is specialised in precision farming. Transfer of knowledge and training are inextricably parts of our service. We can provide such service at our factory, at your dealer, during field demonstrations, at trade fairs, or on site.



Assembly

We build your Homburg Drain Cleaner exactly from your specifications at our modern assembly hall. Manufacturing by our own staff is the best assurance for quality and delivery in a timely and correct manner.

Your dealer

Homburg Holland

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