

Exactly what is needed

HOMBURG
DRAINCLEANERS

holland



EASY CLEANING OF DRAINPIPES

REGULAR MAINTENANCE KEEPS YOUR GOLFCOURSE IN TOP CONDITION

Regular maintenance is essential for drainage to keep working efficiently. Your drainage system can become blocked with ingrown roots, clay, sand and iron oxide.

This results in higher groundwater levels and an increased risk of structural damage. Unfortunately, it can also cause the condition of your soil to deteriorate. Regular drain cleaning will keep your soil in top condition. And this results in a perfect golf course with satisfied golfers and guests. Provide your grounds with drainage to ensure long-term improved water management. Good water management will help build a good soil structure and luscious green grounds, year after year...

“Due to optimally cleaned tile-drains, golf courses can be played earlier which results in a higher turnover”

TILE DRAINAGE ON GOLF COURSES

Homburg Holland has been manufacturing Homburg Draincleaners in Stiens (Friesland) since 1970. For golf courses, Homburg produces two special draincleaners; the Blizz and Delta.

There are already 7,400 golf courses in Europe, and no fewer than 15,500 in the USA. Essentially all golf courses have a tile drainage system, tailored to the soil conditions, the greens and the design of the course. A golf course must be in top condition all year round, because you have to be able to play golf 365 days a year. To keep the green in the right conditions, water management is extremely important. The tile drainage system must be cleaned regularly so the flow of abundant water is guaranteed.

A perfect turf, in every part of the golf course, keeps the players

happy. Tile drain cleaning is therefore not an uncommon job for a greenkeeper. Homburg Holland has developed the Blizz in which the compact, manoeuvrable and extremely solid tile draincleaner can clean the drains.

ECONOMICAL TO USE

All the machines are equipped with two pressuregauges as standard; one for the water pressure and one for the hydraulic pressure. An increase in hydraulic pressure makes it easy for you to tell when drainage pipes are dirty. The pump capacity at each Homburg Draincleaner is 135 l/min at 540 rpm. When in use, a draincleaner requires a maximum water volume of 80 l/min. Homburg Draincleaner's pump system is designed in such a way that the pump works more efficiently at a lower speed and is therefore more economical.



ADVANTAGES OF THE HOMBURG DRAINCLEANER

Homburg Draincleaners use a low pump pressure of 35 bar (500 PSI), resulting in 10 to 12 bar (145 to 175 PSI) on the nozzle, which ensures safe operation. The special HPE hose is pushed into the drain making it possible for the special nozzle to flush the pipe and ensures that the dirt is removed quickly. Previously, drainage systems were cleaned around 100 bar (1450 PSI); this can cause a lot of damage to the soil structure or the drainage pipe. Because Homburg Draincleaners use low pressure these problems are prevented, and your drainage system will not get easily damaged. In addition to the serial production of three standard models, Homburg Holland offers many custom-made draincleaners. Alternatively the arm would be required on the left side, a machine mounted on a watertanker, a specific colour or any other specific needs? Come and discuss your requirements with one of our product specialists.



IN-HOUSE PRODUCTION

Homburg Draincleaners have been produced by Homburg Holland in their own factory for more than 50 years. This guarantees the quality and craftsmanship of the Homburg Draincleaners in every aspect.

TRAINING & WARRANTY

You will receive a clear user instruction guide with the delivery of your Homburg Draincleaner. Field training is also possible. Homburg Draincleaners come with a 1-year warranty as standard.



FEATURES

The features of a Homburg Draincleaner

- ✓ Quality machine because it's made from top-quality materials
- ✓ Extremely strong HPE flushing hose for a longer life
- ✓ Homburg 2 or 4-wheel drive gives ultimate grip and greater resistance to wear
- ✓ Because of the low water pressure (only 10 to 12 bar) on the rinsing head a perfect cleaning result is achieved
- ✓ Use of a Homburg Draincleaner will not damage your drainage system
- ✓ Specific nozzles provide a technical solution for every type of soil and situation
- ✓ The system cleans without adversely affecting the structure of the soil or the drain
- ✓ Compact construction and updated design
- ✓ With a choice of 3 models, there is a suitable draincleaner for everyone!

HOMBURG DYNAMIC DRIVE

Homburg Holland has developed a fully automated drive system that enables users to achieve optimal drain cleaning results. This is the Homburg Dynamic Drive.

FEATURES OF THE HOMBURG DYNAMIC DRIVE:

- Obstacle safeguard: If the system detects an obstacle, the machine will stop feeding in the hose. After this the system will go through a programmed procedure for removing the obstacle.
- Traction Control: As soon as the system detects hose slippage it will respond by stopping, thus eliminating unnecessary wear and tear.
- Distance Control: You can select the distance you want the hose to enter the pipe and once this has been reached, the Homburg HPE hose is wound back onto the machine.
- Auto Stop: Once the desired procedure is finished, the machine will automatically stop and the water pressure on the Homburg HPE hose will be switched off.



HOMBURG DRAINCLEANER BLIZZ

A PERFECT MACHINE FOR EVERY GROUNDSMAN AND GREENKEEPER!



"Cleaning drains is rewarding work: you see immediate results."

	BLIZZ
Attachment	Cat. 1/Cat. 2 hitch
Hydraulic system	2 hydraulic motors, 1 steering valve, 1 control valve, 1 pressure-compensated control valve
Tractor hydraulics	Single-acting steering valve with pressureless return or double-acting steering valve
Oil required	10 litres/min
Cleaning hose	300 m HPE hose / diameter 27 mm x 3.5 mm
Suction hose	10 m 1 1/4" hose with steel inlay with filter and floater
Return hose	10 m 3/4" hose
Nozzle	12 + 1 openings of 2 mm
Meter counter	Mechanical meter counter
Drive	Hydraulic motor with 2 driving wheels and 2 pressure wheels
Pump	135 l/min at 50 bar
Speed regulator	Continuously variable
Working speed	Max 30 m/min
Hose guide	Manual height adjustment with safety winch
Weight empty	Circa 500 kg
Filled with water	Circa 600 kg
Dimensions	l: 1,10 x w: 1,80 x h: 2,25 m

The Homburg Draincleaner Blizz model is a solid entry-level model, developed as a basic machine. For every groundsman and greenkeeper who wants to bring his soil into top condition and keep it that way, this is a very suitable machine.

KEEP YOUR SOIL IN TOP CONDITION WITH THE BLIZZ

Whether you want to carry out annual maintenance or want to experience the power of drain cleaning first, the Blizz is the right machine for you. Spare parts and additional accessories can always be ordered from Homburg Holland and via our dealers.

HEAVY OR LIGHT PRECIPITATION

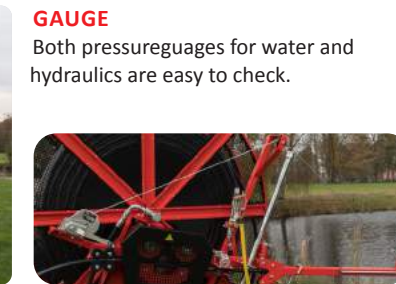
Whether you experience a lot of rain or little rain, tile-drainage on grounds and golf courses is important to preserve your playing conditions. In fact, drainage is being used as irrigation in more and more countries: the water level in the ditch is raised and the pipes

are submerged.

Plants then draw the water back up through the soil. There are also areas where rain is collected in basins for later irrigation.

FEATURES OF THE BLIZZ

- Hydraulic roll-on/roll-off flushing hose using two hydraulic motors and a drive system
- Continuously adjustable speed control
- Height adjustment of the guide arm with curved rollerbends using braked winch
- Manual arm length adjustment and horizontal adjustment
- Can be supplied with a flushing hose of up to 500 metres



SHAFTLEADING SET

Different shaftleading sets are available for small to large collectors. Our smallest set is suitable for collectors with a diameter of 30-70 cm (12-27.5 in). The next option is 40-70 cm (16-27.5 in) and the largest set works with a diameter of 70 cm (27.5 in) and larger.

WINCH OPERATION

Manual arm operation with a braked winch.

GAUGE

Both pressuregauges for water and hydraulics are easy to check.

HYDRAULIC OPERATION

The machine comes standard with a hydraulic drive control system operated with a lever.

ELECTRIC REMOTE CONTROL

You have the option of equipping your machine with a wireless remote control.

CURVED ROLLERBEND

A galvanised curved conveyor guides the hose via synthetic rollers.

HOMBURG DRAINCLEANER DELTA

MORE FUNCTIONS, MORE EASE OF USE OVER LONG DISTANCES!



DELTA (for large areas)	
Attachment	Cat. 1/Cat. 2 hitch
Hydraulic system	2 hydraulic motors, 2 cylinders, 3-way manifold valve with integrated pressure compensator
Tractor hydraulics	Single-acting steering valve with pressureless return or double-acting steering valve
Oil required	12 litres/min
Cleaning hose	300 m HPE hose / diameter 27 mm x 3.5 mm
Suction hose	10m 1 1/4" hose with steel inlay with filter and floater
Return hose	10m 3/4" hose
Nozzle	12 + 1 openings of 2 mm
Meter counter	Mechanical meter counter
Drive	Hydraulic motor with 2 driving wheels and 2 pressure wheels
Pump	135 l/min at 50 bar
Speed regulator	Continuously variable
Working speed	Max 30 m/min
Hose guide	Hydraulic height and length adjustment,
Weight empty	Circa 650 kg
Filled with water	Circa 750 kg
Dimensions	l: 1,35 x w: 2,20 x h: 2,25 m

"The quicker the course becomes playable, = more customers = more revenue"

The Delta offers more ease of use as a draincleaner than the Blizz. This is the ideal machine for anyone who maintains drainage systems on a frequent basis and needs to cover a larger grounds. This is because it offers hydraulically operated height adjustment, extension, retraction and folding of the drainage arm and length adjustment of the guide arm.

THE MOST WIDELY SOLD IN THE WORLD

The Delta is Homburg Holland's best-selling draincleaner and fits perfectly between the Blizz basic model and the Professional Hurricane (more used in farming business). For those who would like to be able to maintain their drains efficiently and comfortably over a wide area, the Delta is the perfect choice.

PREVENTION IS BETTER THAN CURE

All the Homburg Draincleaners are painted Homburg red (till 2019 it was orange) and you'll recognize them all over the world. The Delta design has a basic modular set-up so that Homburg can respond

even faster to various customer requirements. If you prefer the arm left, right or straight to the back; with the modern, robust design all of this is possible. The drive system has also been improved so that the reel rolls up more tightly and the risk of slippage is eliminated. The operation of the Delta has been simplified with all the hydraulics being able to be adjusted with just one knob. The operation of the Delta has been simplified with all the hydraulics being able to be adjusted with just one knob. This has made the way it works much more accurate. Only the pump, hose and drive wheels of the machine are unchanged. This is because they are irreplaceable in terms of quality and durability. The Homburg Delta; the most modern draincleaner in the world!

FEATURES OF THE DELTA

- Possibility 2 or 4-wheel drive
- Hose up to 500 metres
- Solid frame, machine weighs a total of 650 kg
- Guide arm will fold and extend hydraulically



WIRELESS OPERATION

There's nothing like convenience; no more cables getting snagged or turning out to be too short. For perfect control of your Homburg Draincleaner!



EXTENSION TO REACH OTHER SIDE

Using an extension is a great solution for flushing the drains at the other side of the ditch. This saves time and will prevent any unnecessary impact on the soil.



4-WHEEL DRIVE

The drive system feeds the hose into the tile drain tightly and the risk of slippage is eliminated.



SWIVEL ARM

The swivel arm allows you to manoeuvre the Homburg Draincleaner arm in the required position.

ACCESSORIES

Homburg Draincleaners can be used for multiple purposes. For example, public work contractors, use Homburg Draincleaners to detect and remove blockages in sewer systems. For that reason, Homburg carries all the accessories, such as a shaftleading set, in stock for express delivery. Homburg Draincleaners can also be used for flushing sewer pipes. Check the table for all the options.

O = OPTIONAL S = STANDARD X = NOT AVAILABLE

	BLIZZ	DELTA
Remote control	O	S
Swivel arm	X	O
4-wheel drive	O	O
HDD	O	O
Electric water valve	O	O
Traffic lights	O	O
Toolbox	O	O
Suction filter	O	O
Independed oil-upply	O	O
Hydr. pump drive	O	O
Shaftleading set	O	O



PRODUCTION

Your Homburg Draincleaner is assembled exactly in accordance with your specifications in our high-tech workshop. Because of our in-house manufacturing you can count on the correct delivery of your machine.



NOZZLES

Homburg Holland has multiple nozzles in its range. We have the right nozzle available for every situation. All nozzles supply the same amount of water, but the pressure can vary due to the number of spray holes.



DETECTION

Homburg Holland has two types of detection sets. One set works with a transmitter that send a signal from the nozzle; the other set works with a fully traceable wire over the entire length of the flushing hose.

HOMBURG HOLLAND

Our world population is increasing at a great rate and it is a huge challenge for agriculture to continue to provide it with healthy food! Homburg Holland is eager to do its bit and wants to continue to grow as a leading player in the field of sustainable precision agriculture. The employees of Homburg are characterized by their specialist knowledge. The principles that drive our service to the crop farming and horticulture sectors are expressed through our premium quality high-tech machines for seedbed preparation, sowing, planting and the healthy growth of crops.

We interpret our slogan 'We meet you in the field' quite literally. Always at the forefront, and with its feet firmly on the ground, Homburg keeps abreast of the developments in crop farming and horticulture. Its aim is to enable its customers to achieve the highest possible yield per hectare, efficiently and sustainably, through precision agriculture.

Precision agriculture and GPS are in our blood; measuring, recording, analysing and knowledge ensure that crop farmers can achieve optimal profits. That is what we stand for. 'Profit through knowledge'; the sharing of knowledge leads to top results. This is at the heart of what Homburg does. This is the blood that pumps through our veins, and that's what we are proud of!

Efficient and sustainable agriculture starts with optimal soil conditions. We therefore designed the Homburg Draincleaner and produce and export this useful machine worldwide. Our support for non-return tillage and high-speed sowing and planting techniques comes in the form of the top quality Swedish Väderstad's tillage and seed drills, for which we are the importers and agents.

We also demonstrate our commitment to sustainable, resourcesaving and no-drift crop protection by importing Garford hoeing technology and Hardi Twin Force sprayers (since 1961). Bogballe fertiliser spreaders take care of the right dosage for growing your crops.

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