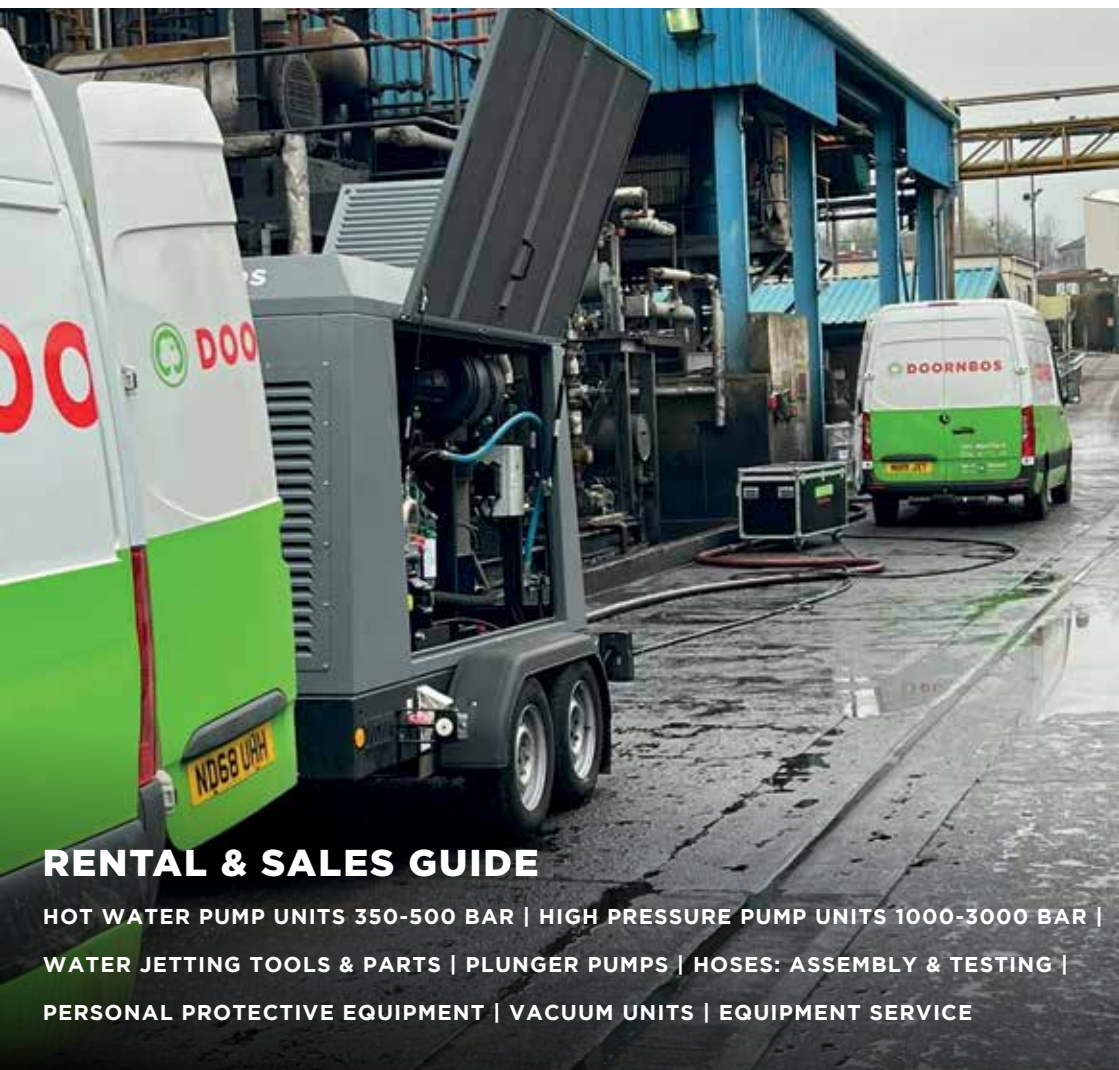




DOORNBOS



RENTAL & SALES GUIDE

HOT WATER PUMP UNITS 350-500 BAR | HIGH PRESSURE PUMP UNITS 1000-3000 BAR |
WATER JETTING TOOLS & PARTS | PLUNGER PUMPS | HOSES: ASSEMBLY & TESTING |
PERSONAL PROTECTIVE EQUIPMENT | VACUUM UNITS | EQUIPMENT SERVICE



HIGH PRESSURE
PUMPS



VACUUM
EQUIPMENT



TRAINING

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**Stuart, Frank and
Denise Doornbos**

About Doornbos Equipment

Doornbos is a family owned business, established in The Netherlands in 1938. For decades, the Dutch locations are a rental specialist for access platforms, telehandlers, forklifts, mini cranes and gators. For the safe and efficient operation of our equipment, we provide safety and operator training. In The Netherlands as well as in the UK, Doornbos is also expert on (ultra) high pressure water jetting >300 bar, with a rental fleet of high pressure machines, accessories and vacuum equipment. In addition we also sell and assemble high pressure hoses and provide equipment maintenance options to water jetting operators.

We are there for you 24/7

We are committed; are stand-by day and night, and act immediately. When needed, we will come out and fix an emergency issue in the middle of the night. Or we supply extra equipment at the very last second. Whatever is needed, we will take care of it!

Sustainability

Our rental fleet is very diverse. Where possible, we invest in the use of cleaner fuels, hybrid and electric equipment. Even our latest diesel powered additions meet the most stringent emission regulations by the use of aftertreatment and fuel efficiency technology.

Safety

Our equipment, as well as our organisation is being reviewed annually by independent bodies. We also provide specific training ensuring safe, correct and efficient operation of our equipment. This is possible at all our locations in The Netherlands and the UK. However if preferred, we can also come to your site!



Geoff has been part of Team Doornbos for 8 years, starting as an engineer on the jetting side and working his way up to Workshop Manager. His dedication and enthusiasm to his work, is clear for everyone to see, as soon as a problem arises, he's always the first to say, "let me see what I can do" and you can guarantee if Geoff can't sort it, nobody can.

As well as spending time with his family, on his days off, Geoff likes to keep his engineering mindset ticking by working on cars. Although he'd argue he likes to spend his days off relaxing and doing nothing, we know he can't switch that engineering brain off and likes to keep busy.

"What does a day at Doornbos look like for me? Who knows (laughing) every day is different! Usually, I'll start at 8am and the first thing I do is get a coffee and do my daily walk round for the jetting planning, which means I'll see what's available for hire and repair etc. I then update my service schedule to ensure that the machines are maintained to a high standard. I then allocate the other engineers their jobs and planning for the day. After that, I crack on with my own work, repairing and maintaining the machines, whilst answering any break down calls or responding problems that might arise"

"I will arrange for the lads to collect any off-hire machines and we will check them fully on return. We will connect the hoses, guns and any accessories, such as rotary jets and tank cleaning jets, to the pumps and test if everything is in full working order. I try to leave the lads to do most of this on their own, whilst supervising and providing any training and help if needed. We will then run up the pump and check it is delivering the pressure it is supposed to."

Geoff is like a proud parent, taking care of the lads, he's always there to lend a hand and provide support. He always goes that extra mile for his work, colleagues and customers and you will often find him still at work after hours, making sure everything is prepared for the next day, the workshop is locked up and the building is secure before going home.

"I started with Doornbos almost 8 years ago and have worked my way up to Workshop Manager, I like the fact there's always room to grow and support for progression. I'm looking forward to new challenges, with the opening of our Liverpool depot and eventually our purpose-built Teesside depot, which will mean a larger fleet and more jetting engineers for me to train and work alongside."

He is still a 'rookie' at Doornbos, but certainly not in his field. Michael has been working in the high-pressure industry for over twelve years and moved to Doornbos two years ago. To this day, he is sorry... "That I didn't make the move much earlier!" 'As service engineers, we are involved in the repair and maintenance of all high-pressure machines and accessories. And not just our own machines from the rental department, but also those from customers. What we do exactly? A range of things really. Periodic maintenance, annual inspections, solving start-up problems, solving problems related to pressure build-up, repairing trailers or a braking system... It can be anything. We sometimes even completely rebuild machines ourselves. In full consultation with the customer of course. Together, we make sure that all their requirements are actually possible.'

Space & freedom

'As a service engineer you get around. From the centre of Amsterdam to the Botlek. And sometimes even on a ship or abroad. The variety is a lot of fun. The same goes for the diversity in machines and brands. At my previous employer, I worked with the same brand of pump every day. Here you have so many brands and variety. It took some getting used

to in the beginning. So I spent the first three months in the workshop to get to know the machines. There are no books to learn our trade, so you really have to expand your knowledge on the job. You get the freedom to do that here. And you also have plenty of room to develop. In six months, I have obtained my trailer driving license, VCA, and my high pressure inspector and vacuum inspector certificate. I'll probably also start an electrical course soon!'

*"There are
no books to learn
our trade ..."*

'Call day or night'

'Every five weeks or so, you have emergency duty. This means you might have to go out in the evening or at night for a breakdown or repair on location. Now, during my first months in the workshop, I got to know many machines and challenges, but not all of them. So it's a good feeling to know that I have colleague's here with a lot of knowledge and experience. And that you can call them, even at night. That says a lot about the atmosphere and collegiality at Doornbos!'

Michael Smits -
Water Jetting Service
Technician





High Pressure Water Jetting is a technology where water under high pressure is used to clean, remove paint/coating/debris from various types of surfaces or objects, or to cut through steel.

Water Jetting key benefits

- thorough cleaning results because of high pressures
- accurate, because of the ability to adjust pressure to match cleaning requirements
- water and time savings, because of efficient technology
- no environmental unfriendly additives or chemicals are needed, just fresh water
- no heating issues or dust particle exposure by using water jet cutting

Determine your ideal setup

To be able to determine your most effective water jetting setup, the following factors need to be considered:

- Surface characteristics
- Surface m²
- Quality of paint/coating layers
- Time schedule
- Waste water retrieval options

Doornbos Water Jetting Experience

Doornbos has over 30 years of experience in the water jetting industry with the rental, sales and service of water jetting equipment and accessories and also the delivery of maintenance projects.

Rental

Ranging from 350-3000 bar, Doornbos has a wide range of high

pressure water jetting and vacuum equipment and accessories.

Sales and Service

When you maintain your own water jetting fleet, Doornbos offers an extensive range of parts, safety accessories and service options for maximum uptime of your fleet and to keep it in optimal condition.

Projects

With a long history in the global ship maintenance and industrial cleaning sectors, Doornbos has the experience to deliver maintenance projects in any size, from equipment supply, to complex project coordination.

Specialist Support

Operating water jetting technology can be dangerous and therefore requires preparation and experience. A Doornbos specialist is recommended to assist with your specific water jetting setup, to ensure the safest and most efficient operation.

Certifications

Doornbos is member of the Stichting Industriële Reiniging (SIR), UK Water Jetting Association (WJA) and European Water Jetting Institute (EWJI).

Doornbos is SIR certified and employs SIR certified inspectors to perform annual checks for high pressure and vacuum equipment.

The (Ultra) High Pressure and Vacuum department of Doornbos NL is ISO 9001 en 14001 and VCA 2017 certified.

HIGH PRESSURE WATER JETTING



Operations with water blast equipment can be potentially hazardous.

Caution must be exercised prior to and during machine and water jet tool use. Please read and follow all of these instructions.

Do not exceed the maximum operating pressure specified for a component in the system.

Deviating from safety instructions and recommended practices can lead to severe injury and/or death.



PRE-RUN SAFETY CHECK

- Complete a job specific risk assessment and act on the resulting actions.
- Adhere to all site specific safety procedures.
- Ensure the water jetting area is properly barricaded and that warning signs are posted.
- Ensure the work place is free of unnecessary objects (e.g. loose parts, hoses, tools).
- Ensure all Operators are using the correct Personal Protective Equipment (PPE).
- Check all hoses and accessories for damage prior to use. Do not use damaged items. Only high quality hoses intended for water jetting applications should be used as high pressure hoses.
- Check all high pressure threaded connections for tightness.
- Operate the high pressure water at full pressure and use the Pneumatic Foot Pedal Dump Control to verify that the dump valve is working properly.
- Ensure that Operators never connect, disconnect, or tighten hoses, adapters, or accessories with the high pressure water pump unit running.
- Ensure no personnel are in the hydroblasting zone.
- Check that the air hoses are properly connected and tight. (this refers to our Vertidrive and Hammelmann robots)

PERSONAL PROTECTIVE EQUIPMENT

Use of Personal Protective Equipment (PPE) is dependent on the working pressure of water and the cleaning application. Managers, Supervisors, and Operators must carry out a job specific risk assessment to define the exact requirements for PPE.

- Hygiene: Operators are advised to wash thoroughly after all water jetting operations to remove any water blast residue which may contain traces of harmful substances.
- First aid provision: Users must be provided with suitable first aid facilities at the operation site.

SAFETY ACCESSORIES MAY INCLUDE

- Eye protection: Full face visor.
- Foot protection: Kevlar® brand or steel toe capped, waterproof, non-slip safety boots.
- Hand protection: Waterproof gloves.
- Ear protection: Ear protection for a minimum of 85 dBA.
- Head protection: Hard hat that accepts a full face visor and ear protection.
- Body protection: Multi-layer water proof clothing approved for water jetting.
- Hose protection: Hose shroud.
- Respiratory protection: May be required; refer to job specific risk assessment.





TOOLS | SURFACE PREPARATION

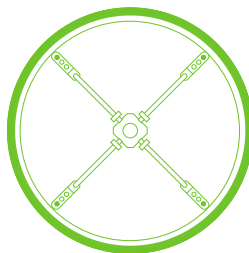
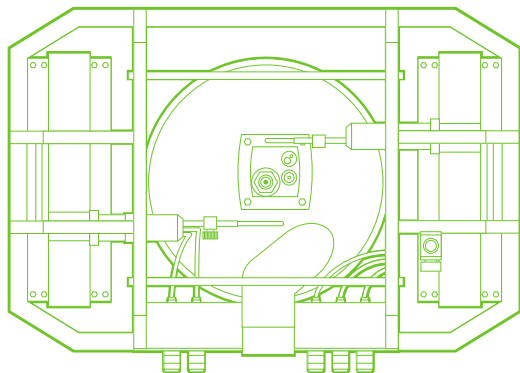
HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



For sale in:



Type Magnetic Crawler Robot 3000

Application Crawler robot for steel surface preparation

Configuration: Magnetic adherence

Max. Pressure 3000 Bar

Max. Flow 45 Liter/Min.

Dimensions (LxWxH) 650x1000x415mm

Weight 56kg

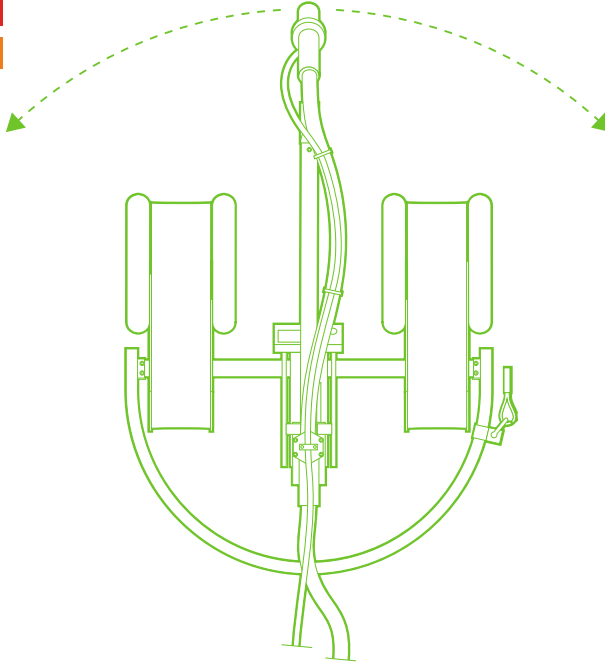
Max. Cleaning Width 370mm

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Pneumatic Driven**
- ✓ **Remote Controlled**

HIGH PRESSURE WATER JETTING **TOOLS**

SURFACE PREPARATION

For hire in:



Type Magnetic Crawler Washer Robot

Application Crawler robot for steel surface preparation

Configuration Magnetic adherence

Power Pneumatic

Dimensions (LxWxH) 950x930x620mm

Weight 62kg

Working Width 1500mm

WASHING

Max. Pressure 500 Bar

Max. Flow 80 Liter/Min.

Average Production Rate 300-350m²/Hr.

WATER BLASTING

Max. Pressure 3000 Bar

Max. Flow 30 Liter/Min

Average Production Rate 70-80m²/Hr.

✓ **SIR Approved**

✓ **ATEX Certified**

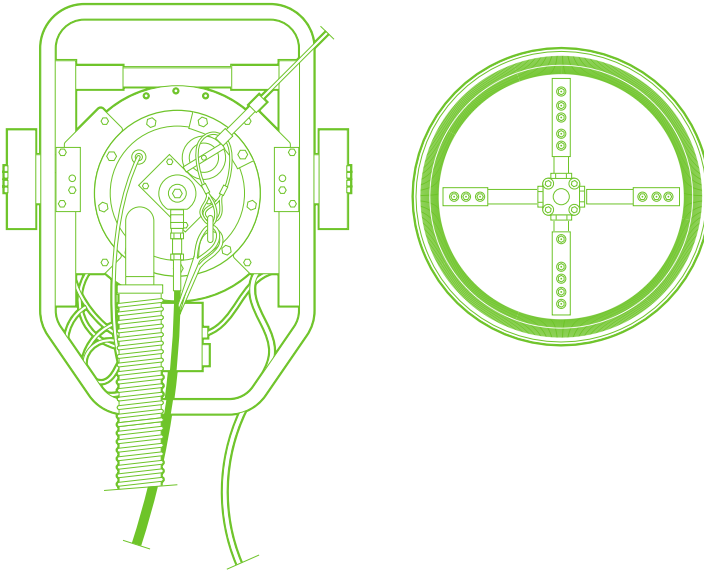
✓ **Pneumatic Driven**

✓ **Remote Controlled**

HIGH PRESSURE WATER JETTING **TOOLS**

SURFACE PREPARATION

For hire in:



Type Vacuum Crawler Robot 3000

Application Crawler robot for steel surface preparation.

Configuration Vacuum adherence

Max. Pressure 3000 Bar

Max. Flow 50 Liter/Min.

Dimensions (LxW) 775x780mm

Weight 105kg

Max. Cleaning Width 374mm

Average Vacuum Capacity 1500m³/Hr. @ 50% Vacuum

✓ **SIR Approved**

✓ **Remote Controlled**

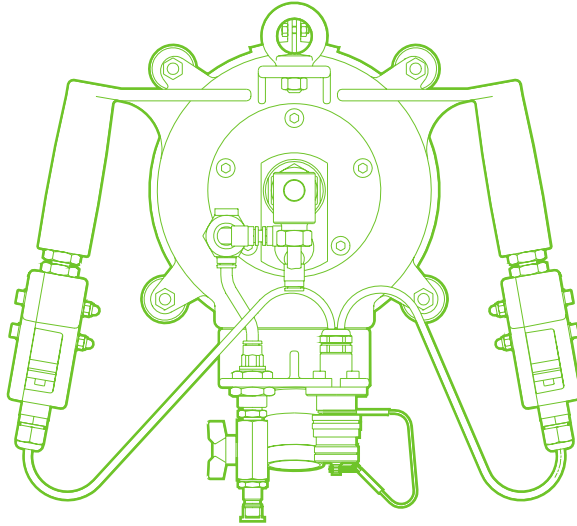
HIGH PRESSURE WATER JETTING **TOOLS**

SURFACE PREPARATION

For hire in:



For sale in:



Type Surface Cleaner 2500

Model WOMA ETRC 2500

Application Ergonomic hand held cleaning and stripping unit for vertical surfaces.

Max. Pressure 2500 Bar

Max. Flow 20 Liter/Min.

Cleaning Diameter 180mm

Weight 9,4kg

Vacuum Connection Yes

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **WOMA Dealer NL, BE,
UK & Ireland**

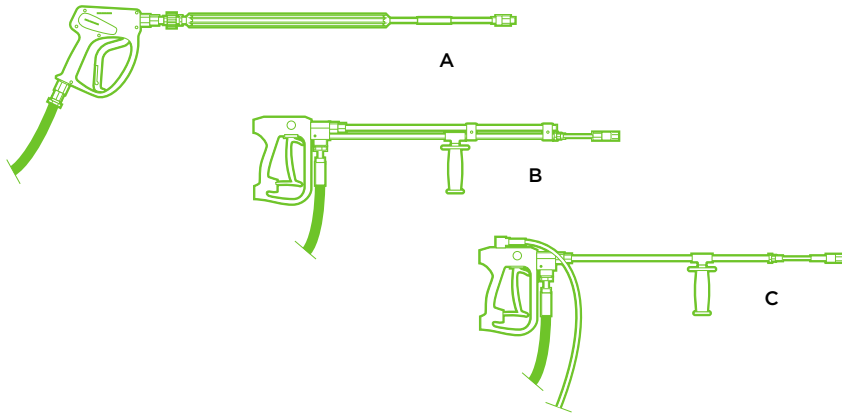
HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



For sale in:



Type Jet Guns

350 - 500 BAR

(A) Jet gun with mechanical dry shut off valve.

Pressing the trigger opens the valve and causes high pressure water to flow. The valve is closed and flow is cut off simply by releasing the trigger.

UP TO 3000 BAR

(B) Mechanical bypass (dump) gun.

By releasing the trigger, the gun bypass valve is opened, emitting the water through a hose without pressure.

(C) Jet gun with electrical control signal.

A proximity switch sends an electric signal through a cable to the pump bypass control. When releasing the trigger, the water flow is cut off.

- ✓ SIR Approved
- ✓ Where jet guns have a wireless control (A and B), the machine automatically reverts immediately to an unpressurised mode, when releasing the trigger.

Various options available: lances, point jet or flat jet nozzles, in either fixed position or rotating.

Please discuss your specific project requirements with one of our experts.

Type Gun Nozzle Options

For optimal results, the right gun nozzle is a critical factor to get the most optimal results. Results depend on the unique combination of job requirements, tool, operation pressure, flow rate, amount of nozzles, orifice diameter and jet angle. Doornbos has a dedicated range of gun nozzles for every water jetting job:

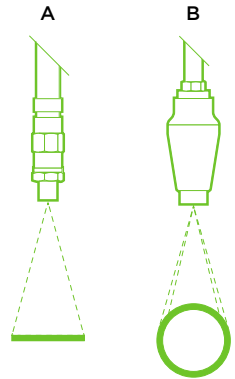
350 UP TO 1000 BAR

(A) Flat jet nozzle

Nozzle that provides a flat, inverted 'V' shaped, water jet and is ideal for cleaning/washing either delicate or larger surfaces. Wider impact surface, but the impact power is lower.

(B) Orbital nozzle

Combines the high power of a point jet with the large surface achievement of a flat jet. Forms a 'ring' shaped pattern and is also ideal for cleaning/washing delicate or larger surfaces. Wider impact surface, but lower impact power.



2500 - 3200 BAR

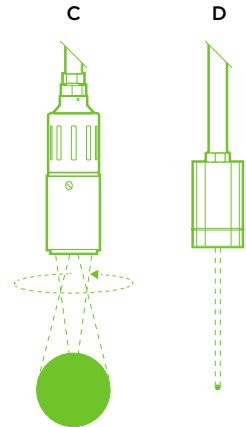
(C) Rotating point jet nozzle holder

Combine the high power of a point jet with the large surface achievement of a flat jet. Rotates by the reaction energy of the high-pressure water; no external driver is needed. Various configurations available.

- Self rotating and fixed options
- Fixed speed or variable speed
- Operable with 2 up to 4 insert nozzles
- A configuration available for every application

(D) Fixed cavitation nozzle holder

Cavitation non-rotating nozzle holders are suitable for demolition work at 3200 bar. They deliberately induce cavitation in front of the nozzle to produce extremely high, very localized stresses on a surface due to bubble cavity collapse in the jet stagnation region.



Selecting the right gun nozzle for the job is a delicate process. Consult our experts for the best advice and results.

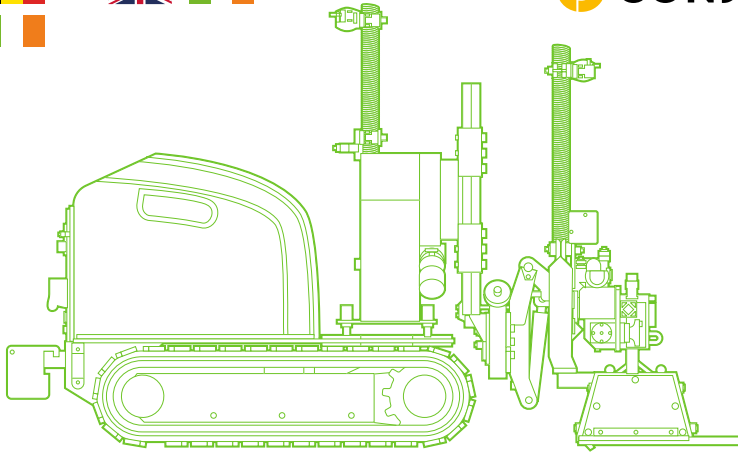
HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



For sale in:



Type Hydrodemolition Robot Electric

Model Robot 327

Application Automated Concrete Removal

Configuration Robot

Power Electric 3 phase 380 - 480V, 16A, 50 - 60Hz

3 phase 200V, 32A, 50 - 60Hz

Max. Operating Width 1.600mm

Horizontal Reach 2400mm

Max Dimensions (LxWxH) 2850x1200x1420mm

Weight 1.180kg

Max. Reaction Force 1.500Nm

- ✓ **Track Driven**
- ✓ **Remote controlled arm and feed beam can rotate 360°**
- ✓ **SIR Approved (Where Applicable)**
- ✓ **Conjet Dealer UK & Ireland**

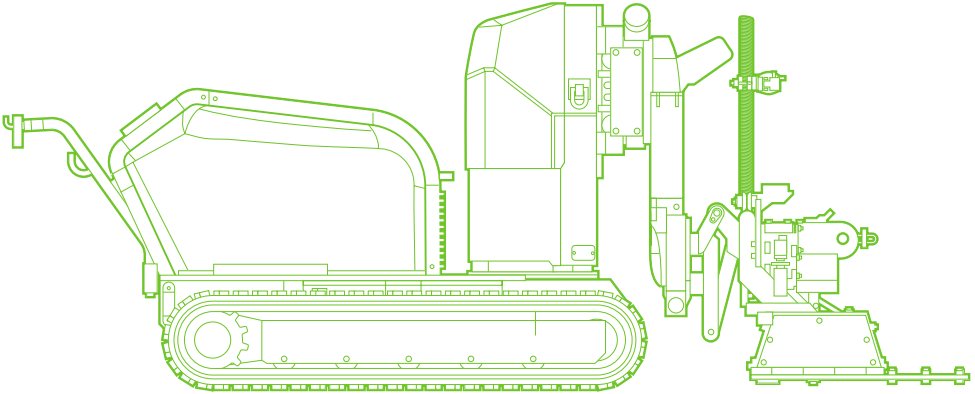
HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



For sale in:



Type Hydrodemolition Robot Diesel

Model Robot 557

Application Automated Concrete Removal
Configuration Robot

Power Diesel 18,7 kW

Power Electric 3x380–480VAC, 32A or 3x200VAC,
63A / 50–60Hz

Max. Operating Width 2.100mm

Max. Reaction Force 3.000Nm

ROBOT 557 MULTI PURPOSE ARM

Horizontal Reach Up To 5m

Max Dimensions (LxWxH) 3560x1900x1580mm

Weight 2.600kg

ROBOT 557 MULTI PURPOSE ARM XL

Horizontal Reach Up To 6.3m

Max Dimensions (LxWxH) 3560x1900x1750mm

Weight 2.700kg

ROBOT 557 H

Horizontal Reach N/A

Max Dimensions (LxWxH) 3480x1900x1450mm

Weight 2.300kg

✓ Diesel or Electric

✓ Track Driven

✓ Remote Controlled

✓ Main body can slide
back up to 400 mm for
increased stability

✓ SIR Approved
(Where Applicable)

✓ Conjet Dealer
UK & Ireland

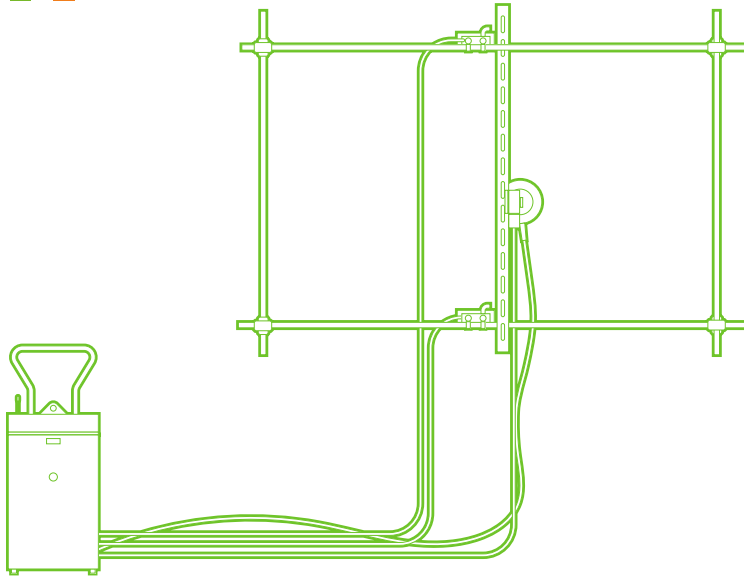
HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



For sale in:



Type Hydrodemolition Robot

Model Robot 101 Nalta

Application Automated Concrete Removal

Configuration Robot

Max. Pressure 3.000 bar

Power Electric 1/3 phase, 50/60 Hz

Max. Operating Width 1.600mm

Length Per Section 990mm

Weight Per Section 8kg

Weight lance unit 12kg

Weight step unit 9kg

Weight hydraulic unit 90kg

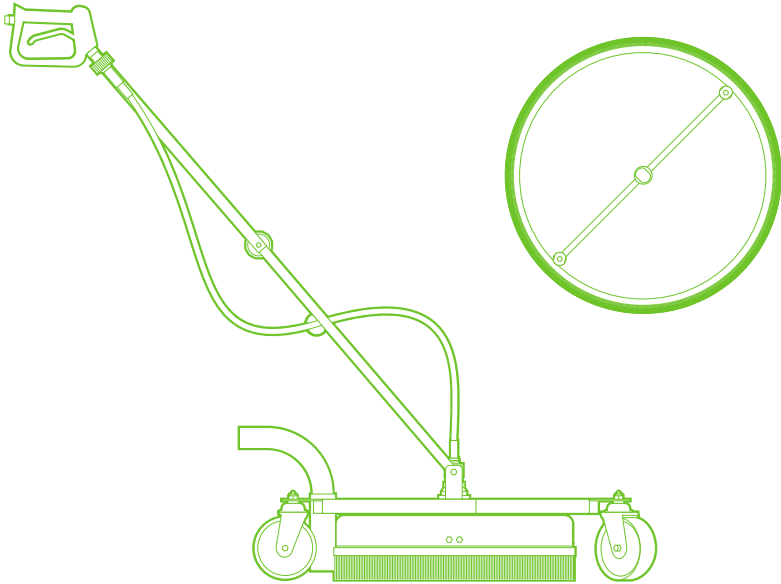
Max. Reaction Force 600Nm

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Light and Compact for**
Narrow and Inaccessible
areas
- ✓ **Operates Under Water**
- ✓ **Remote Controlled**
- ✓ **Conjet Dealer UK & Ireland**

HIGH PRESSURE WATER JETTING **TOOLS**

SURFACE PREPARATION

For hire in:



Type Floor Cleaner 350 & 500

Application Surface cleaner, perfect for effective cleaning of surfaces such as floors, roads or cycle paths. Fully equipped with high-pressure gun.

✓ **SIR Approved**

Cleaning Diameter 520mm

FLOOR CLEANER 350

Max. Pressure 350 Bar

Max. Flow 45 Liter/Min.

Weight 13kg

Vacuum Connection No

FLOOR CLEANER 500

Max. Pressure 500 Bar

Max. Flow 30 Liter/Min.

Weight 21kg

Vacuum Connection Yes

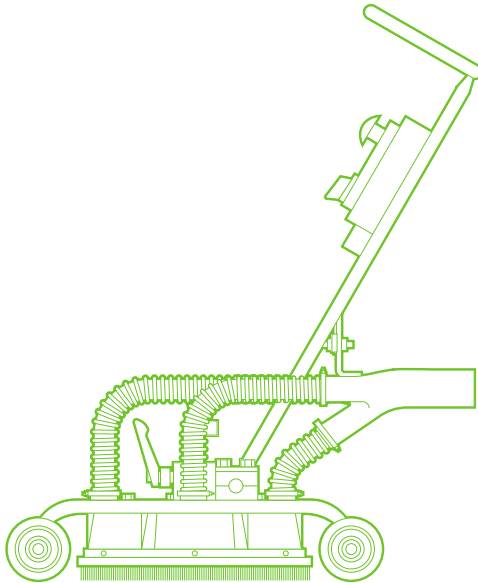
HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



For sale in:



Type Floor Cleaner 1000

Model WOMA FloorMaster 1000

Application Floor Cleaner Device

Max. Pressure 1000 Bar

Max. Flow 25 Liter/Min.

Cleaning Diameter 300mm

Height 1.100mm

Weight 23kg

Vacuum Connection Yes

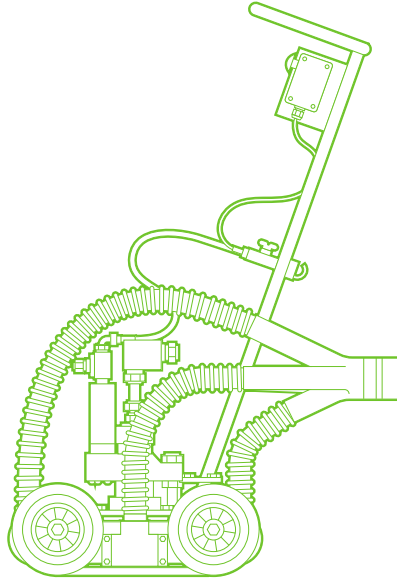
- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Height adjustment for**
spray bar
- ✓ **Speed control by**
nozzle adjustment
- ✓ **WOMA Dealer NL, BE,**
UK & Ireland

HIGH PRESSURE WATER JETTING **TOOLS** SURFACE PREPARATION

For hire in:



For sale in:



Type Floor Cleaner 2500

Model WOMA Vakujet 2500

Application Floor Cleaner Device

Max. Pressure 2500 Bar

Max. Flow 30 Liter/Min.

Cleaning Diameter 225mm

Height 1.100mm

Weight 36kg

Vacuum Connection Yes

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **WOMA Dealer NL, BE,**
UK & Ireland

HIGH PRESSURE WATER JETTING TOOLS

SURFACE PREPARATION

For hire in:



Type Multi Purpose Robot

Application Multi purpose robot with various water jetting attachments

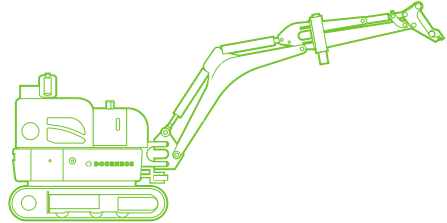
Weight Machine ex Attachments 1250kg

Power 8,8kW Diesel / Electric 36A

Max Height Reach 2985mm

Transport Dimensions (LxWxH) 2955x750x2190

Fuel Tank 12 Liter



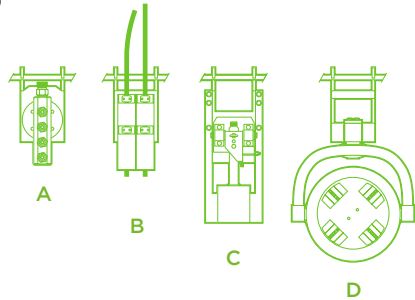
ATTACHMENTS

A: Surface Cleaner

Configuration 4x Flat jet tool

Max. Pressure 1000 bar

Max. Flow Various



B: Surface Cleaner

Configuration Holder for 2x lances with various nozzle (holder) options

Max. Pressure Various

Max. Flow Various

C: Oscillator

Application Oscillating holder for various lance / nozzle configurations

Max. Pressure Various

Max. Flow Various

D: Vacuum Wall Cleaner

Application Rotary Spray Bar

Max. Pressure 3000 bar

Max. Flow Various

Cleaning Diameter 380mm

Vacuum Connection Yes

✓ Includes spark arrestor for operation in hazardous areas

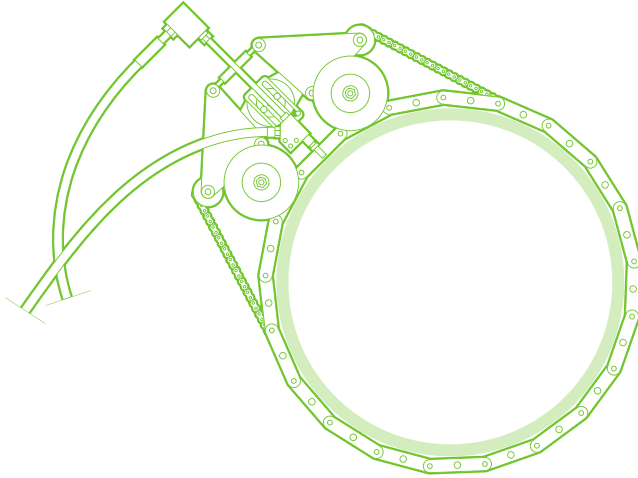
✓ SIR Approved

✓ Remote Controlled

HIGH PRESSURE WATER JETTING **TOOLS**

SURFACE PREPARATION

For sale in:



Type High Pressure Cutter 3000

Model WOMA Eco Top Cutter

Application A cutting carriage with attached cutting head is driven by an air motor and follows a guide chain in the case of round cutting and a guide rail in the case of linear cutting.

Max. Pressure 3000 Bar

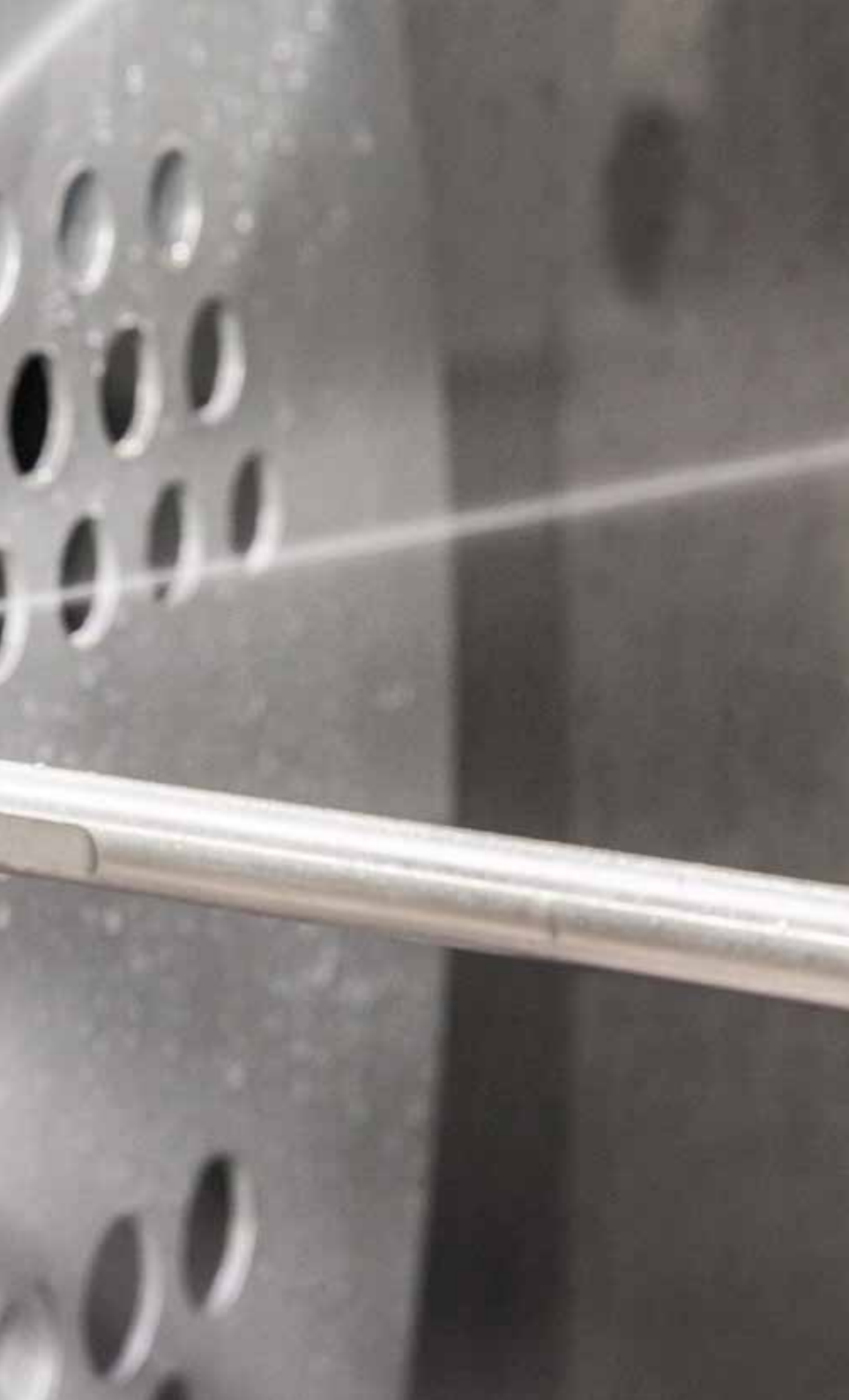
Weight 2,2kg

Abrasive Grain Size 0,4mm min - 0,8mm max

✓ **SIR Approved**
(Where Applicable)

✓ **WOMA Dealer NL, BE,
UK & Ireland**





TOOLS | TANK / PIPE / TUBE CLEANING

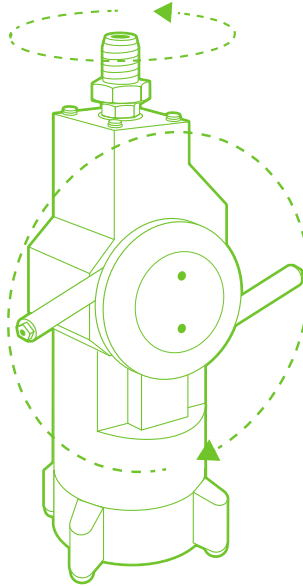
HIGH PRESSURE WATER JETTING TOOLS

TANK / PIPE / TUBE CLEANING

For hire in:



For sale in:



Type Tank Cleaning Heads

Model WOMA TankMaster SL 1500

Application Internal tank cleaning system.

Max. Pressure 1500 Bar

Max. Flow 200 Liter/Min.

Smallest Required Opening Diameter Ø 130-210mm

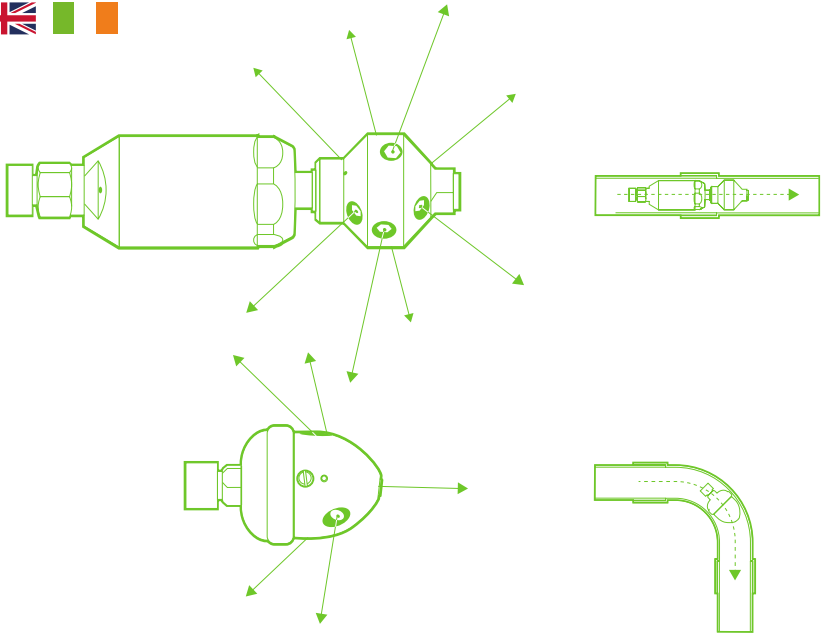
Weight 9kg (ex Rotor)

Height 336mm

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Low Weight**
- ✓ **Small Diameter**
- ✓ **Available with a wide variety of rotors and extensions**
- ✓ **WOMA Dealer NL, BE, UK & Ireland**

HIGH PRESSURE WATER JETTING **TOOLS** TANK / PIPE / TUBE CLEANING

For hire in:



Model Pipe Cleaners

| Model | Max Pressure | Liter/min | Pipe/Tank diameter | Application | RPM | Weight |
|-------------------|--------------|-----------|--------------------|----------------|--------|--------|
| Pipe Cleaner 1000 | 1000 | 200-380 | 15,2-450cm | Straight Pipes | 20-200 | 3,9 kg |
| Pipe Cleaner 2800 | 2800 | 22-39 | 15,2-450cm | Straight Pipes | 20-250 | 4,4 kg |
| Pipe Cleaner 1500 | 1500 | 83-150 | 15,2-450cm | Straight Pipes | 20-200 | 4,1 kg |
| Pipe Cleaner 1000 | 1000 | 68-110 | 10,2cm | Curved Pipes | 20-250 | 1,4 kg |

✓ **SIR Approved.**

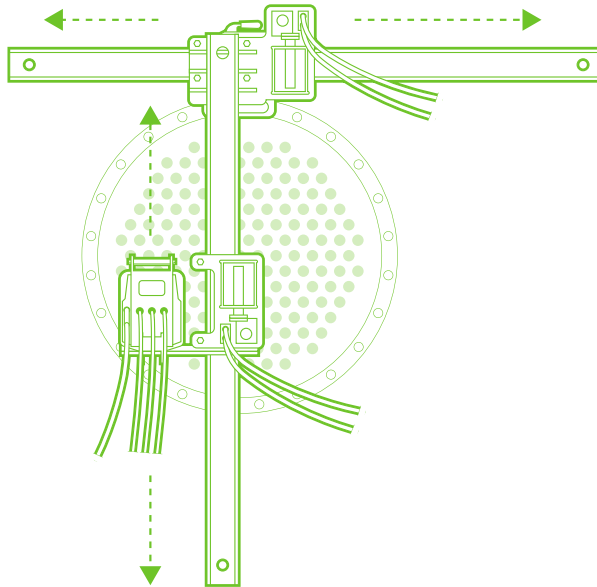
HIGH PRESSURE WATER JETTING **TOOLS**

TANK / PIPE / TUBE CLEANING

For hire in:



For sale in:



Type Peinemann 3-TLX & Flex Frame

Application Pneumatic driven, remote controlled tube cleaning device

Configuration 1, 2 or 3 lance device, including flex frame

Recommended Pressure 1000 - 2800 Bar

Recommended Flow 114 Liter/Min. (3x38 Liter/Min.)
76 Liter/Min. (2x38 Liter/Min.)
38 Liter/Min. (1x38 Liter/Min.)

Max. Pull/Push Strength 130 kg

Weight TLX Lance Machine 17kg
Flex Frame 42,5kg

✓ **SIR Approved**

✓ **ATEX Certified**

✓ **Pneumatic Driven**

✓ **Light Weight because of Fiber and Carbon Components**

✓ **Remote Controlled**

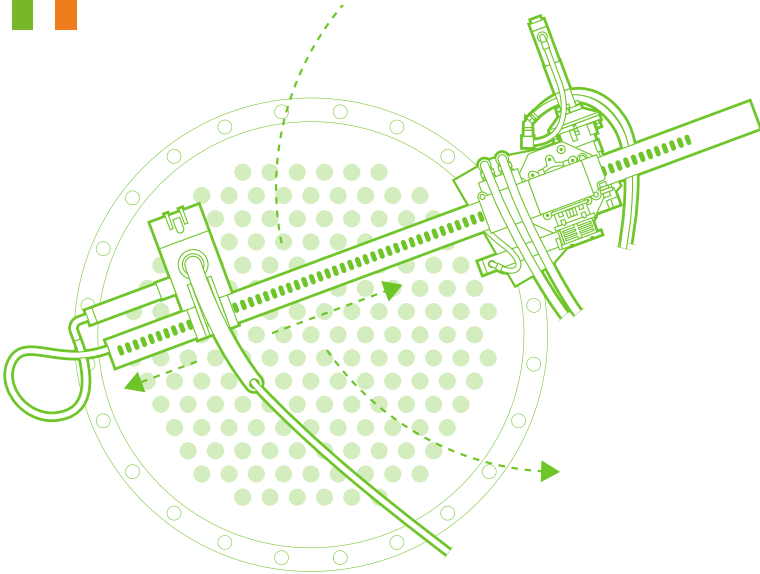
HIGH PRESSURE WATER JETTING **TOOLS**

TANK / PIPE / TUBE CLEANING

For hire in:



For sale in:



Type Peinemann XLTC & Orion Indexer

Application Pneumatic driven, remote controlled tube cleaning device

Configuration 1 lance device

Recommended Pressure 1000 - 2800 Bar

Max. Flow 38 Liter/Min.

Max. Pull/Push Strength 50kg

Weight XLTC Lance Machine: 10kg
Orion Frame: 30kg

- ✓ **SIR Approved**
- ✓ **ATEX Certified**
- ✓ **Pneumatic Driven**
- ✓ **Light Weight**
- ✓ **Remote Controlled**





HIGH PRESSURE PUMP UNITS

HIGH PRESSURE WATER JETTING PUMPS

HIGH PRESSURE PUMP UNITS OVERVIEW

For hire in:



For sale in:



| Model | Pressure | Liters | Configuration |
|---|----------|--------|-----------------|
| Karcher | 350 | 21 | Trailer |
| Karcher | 500 | 15 | Trailer |
| WOMA | 700 | 60 | Trailer |
| WOMA | 1000 | 50 | Trailer |
| WOMA | 1000 | 70 | Trailer |
| WOMA | 1000 | 96 | Trailer |
| WOMA | 1000 | 130 | 20 ft Container |
| WOMA | 1000 | 227 | 20 ft Container |
| WOMA | 1000 | 261 | 20 ft Container |
| WOMA | 1500 | 50 | Trailer |
| WOMA | 2500 | 32 | Trailer |
| WOMA | 2800 | 18 | Trailer |
| WOMA | 2800 | 25 | Trailer |
| WOMA | 3000 | 22 | Trailer |
| * Other configurations available upon request | | | |

HIGH PRESSURE WATER JETTING PUMPS

HIGH PRESSURE PUMP UNITS

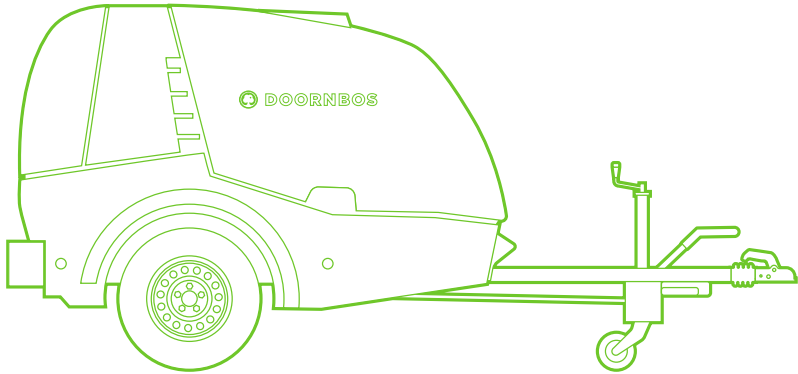
For hire in:



For sale in:



KÄRCHER



Type Hot Water High Pressure Pump 350 & 500

Application Hot Water Pressure Washer

Configuration Trailer*

Power 19 kW Diesel

Dimensions (LxWxH) 3646x1747x1735mm

Weight (Empty) 950 kg

Weight (Max Allowed) 1500 kg

Max Heating Capacity 98 °C

Noise Peak 104 dB

Water Tank 500 Liter

Fuel Tank 100 Liter

KÄRCHER HDS 13/35

Max. Pressure 350 Bar

Max. Flow 21 Liter/Min..

KÄRCHER HDS 9/50

Max. Pressure 500 Bar

Max. Flow 15 Liter/Min.

- ✓ SIR Approved
(Where Applicable)
- ✓ Hot Water Mode
- ✓ Simple Operator Controls
- ✓ Standard Equipment
Included
- ✓ Rental units include
spark arrestor and
chalmers valve for
operation in hazardous
areas
- ✓ Dealer UK & Ireland

** Familiarise yourself with towing requirements and
legal regulations*

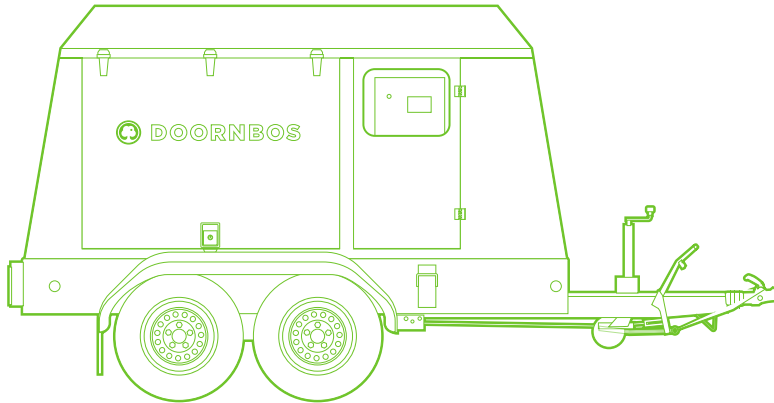
HIGH PRESSURE WATER JETTING PUMPS

HIGH PRESSURE PUMP UNITS

For hire in:



For sale in:



Type High Pressure Pump 700 - 1500

Application High Pressure Pump

Configuration Trailer**

Power Diesel (Stage V)

Dimensions (LxWxH) 4390x2070x2190mm

Weight (Empty) 2650 kg

Weight (Max Allowed) 2700 kg

Noise Peak 85 dB

Water Tank 150 Liter

Fuel Tank 200 Liter

Ad Blue Tank 25 Liter

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Standard Equipment**
Included
- ✓ **Rental Units Include**
spark arrestor and
chalwyn valve for
operation in hazardous
areas.
- ✓ **Dealer NL, BE,**
UK & Ireland

AVAILABLE CONFIGURATIONS*

Max. Pressure 700 Bar | **Max. Flow** 60 Liter/Min.

Max. Pressure 1000 Bar | **Max. Flow** 50 Liter/Min.

Max. Pressure 1000 Bar | **Max. Flow** 70 Liter/Min.

Max. Pressure 1000 Bar | **Max. Flow** 96 Liter/Min.

Max. Pressure 1500 Bar | **Max. Flow** 50 Liter/Min.

** Custom Build Pumps Available Upon Request*

***Familiarise yourself with towing requirements and
legal regulations*

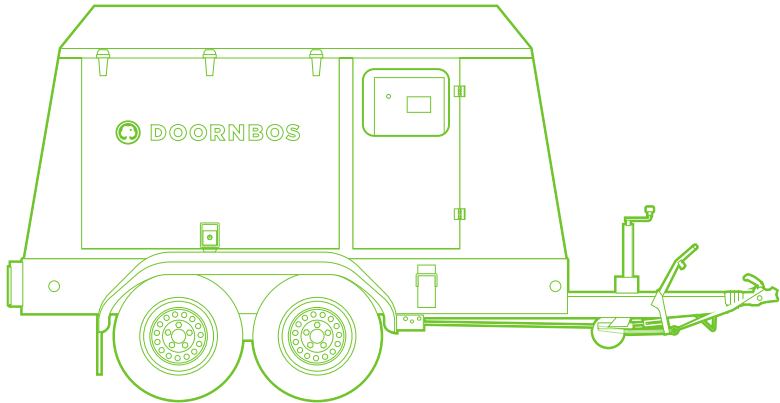
HIGH PRESSURE WATER JETTING PUMPS

ULTRA HIGH PRESSURE PUMP UNITS

For hire in:



For sale in:



Type High Pressure Pump 2500 - 3000

Application Ultra High Pressure Pump

Configuration Trailer**

Power Diesel (Stage V)

Dimensions (LxWxH) 4390x2070x2190mm

Weight (Empty) 2650 kg

Weight (Max Allowed) 2700 kg

Noise Peak 85 dB

Water Tank 150 Liter

Fuel Tank 200 Liter

Ad Blue Tank 25 Liter

✓ **SIR Approved**
(Where Applicable)

✓ **Standard Equipment**
Included

✓ **Rental Units Include**
spark arrestor and
chalmers valve for
operation in hazardous
areas.

AVAILABLE CONFIGURATIONS*

Max. Pressure 2500 Bar | **Max. Flow** 32 Liter/Min.

Max. Pressure 2800 Bar | **Max. Flow** 18 Liter/Min.

Max. Pressure 2800 Bar | **Max. Flow** 25 Liter/Min.

Max. Pressure 3000 Bar | **Max. Flow** 22 Liter/Min.

✓ **Dealer NL, BE,**
UK & Ireland

** Custom Build Pumps Available Upon Request*

***Familiarise yourself with towing requirements and
legal regulations*

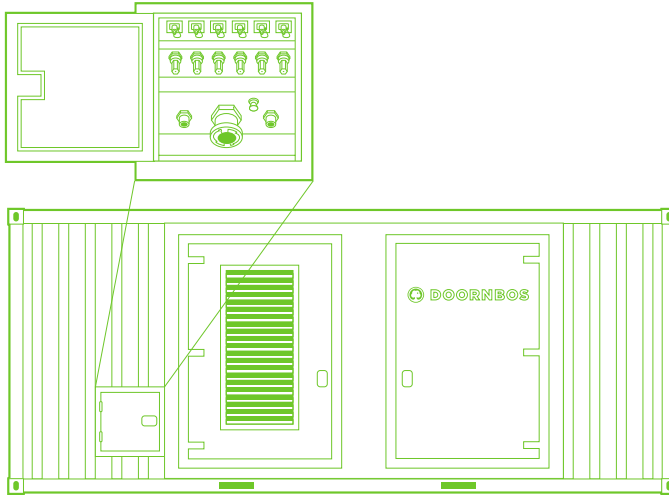
HIGH PRESSURE WATER JETTING PUMPS

HIGH PRESSURE PUMP UNITS

For hire in:



For sale in:



Type High Pressure Pump 1000/130

Application High Pressure Pump

Configuration 20ft Container

Power 294 kW Diesel

Max. Pressure 1000 Bar

Max. Flow 130 Liter/Min.

Dimensions (LxWxH) 6060x2440x2600mm

Weight (Empty) 11230 kg

Noise Peak 79 dB

Water Tank 800 Liter

Fuel Tank 980 Liter

Ad Blue Tank 45 Liter

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Operation Option A:**
1x Accessory Connection
@ 1000 Bar / 130 Liter
- ✓ **Operation Option B:**
1, 2, 3 or 4x Accessory
Connection @ 1000 Bar /
32 Liter each
- ✓ **Standard Equipment Included**
- ✓ Rental units include spark
arrestor and chalywn valve for
operation in hazardous areas
- ✓ **Dealer NL, BE, UK & Ireland**

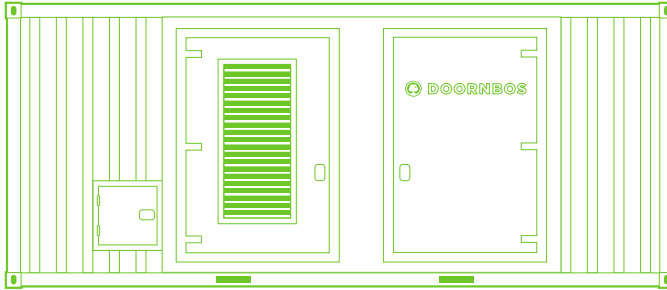
HIGH PRESSURE WATER JETTING PUMPS

HIGH PRESSURE PUMP UNITS

For hire in:



For sale in:



Type High Pressure Pump 1000/227

Application High Pressure Pump

Configuration 20ft Container

Power 413 kW Diesel (EU Stage IV)

Max. Pressure 1000 Bar

Max. Flow 227 Liter/Min.

Dimensions (LxWxH) 6058x2438x2591mm

Weight (Empty) 12.430 kg

Water Tank 800 Liter

Fuel Tank 980 Liter

Ad Blue Tank 70 Liter

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Operation Option A:**
1x Accessory Connection
@ 1000 Bar / 227 Liter
- ✓ **Operation Option B:**
1, 2, 3 or 4x Accessory
Connection @ 1000 Bar /
57 Liter each
- ✓ **Standard Equipment Included**
- ✓ **Rental units include spark
arrestor and chawyn valve for
operation in hazardous areas**
- ✓ **Dealer NL, BE, UK &
Ireland**

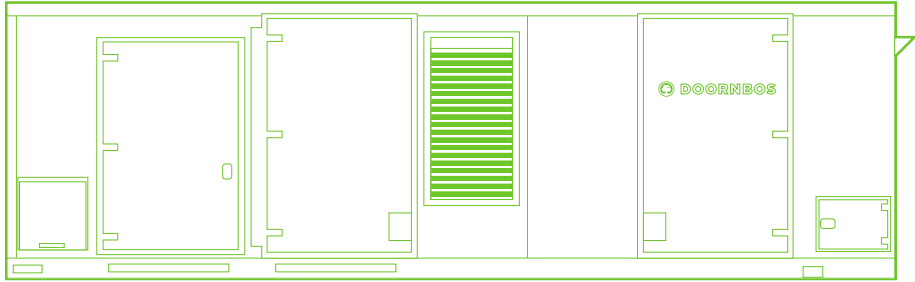
HIGH PRESSURE WATER JETTING PUMPS

HIGH PRESSURE PUMP UNITS

For hire in:



For sale in:



Type High Pressure Pump 1000/261

Application High Pressure Pump

Configuration 25ft Container

Power 474 kW Diesel (EU Stage IV)

Max. Pressure 1000 Bar

Max. Flow 261 Liter/Min.

Dimensions (LxWxH) 6058x2438x2591mm

Weight (Empty) 12.430 kg

Water Tank 800 Liter

Fuel Tank 980 Liter

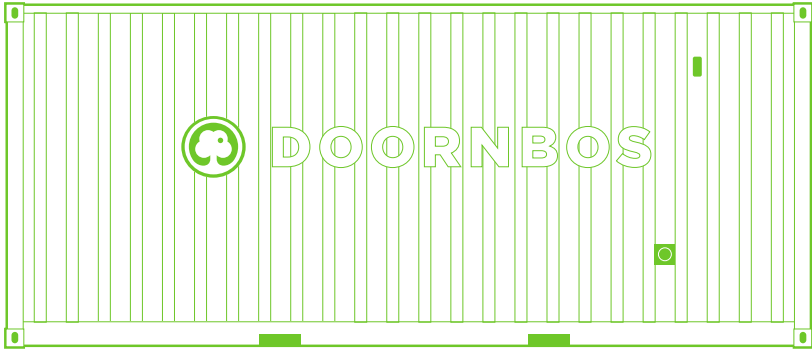
Ad Blue Tank 70 Liter

Optional ZWG gearbox

- ✓ **Operation Option A:**
1x Accessory Connection
@ 1000 Bar / 261 Liter
- ✓ **Operation Option B:**
1, 2, or 3x Accessory
Connection @ 1000 Bar /
87 Liter each
- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Standard Equipment**
Included
- ✓ **Rental units include spark**
arrestor and chawyn valve
for operation in hazardous
areas
- ✓ **For rental, also available In**
configuration suitable for
salt water operation
- ✓ **WOMA sales Option:**
ZWG Gearbox
- ✓ **Dealer NL, BE,**
UK & Ireland

HIGH PRESSURE WATER JETTING **PUMPS** HEATER

For hire in:



Model Heater 1000

Application Heater

Configuration 20ft Container

Burner 1950 kW Viessmann Diesel

Max. Pressure 1000 Bar

Max. Flow 250 Liter/Min.

Dimensions (LxWxH) 6090x2400x2600mm

Weight (Empty) 8000 kg

Max Heating Capacity 95°C

Noise Peak 79 dB

Fuel Tank 1000 Liter

✓ SIR Approved

✓ Low Nox burner
<120 mg/Nm³

✓ Includes spark arrestor
for operation in
hazardous areas





PLUNGER PUMPS

HIGH PRESSURE WATER JETTING

HIGH-PRESSURE PLUNGER PUMPS UP TO 3.000 BAR

| TYPE | CONFIGURATIONS | |
|-----------|----------------|-------------------|
| | bar | max flow ltr/m |
| WOMA 70C | 4000 | 4,7 |
| WOMA 70C | 3500 | 5 |
| WOMA 550M | 3000 | 61 |
| WOMA 400M | 3000 | 42 |
| WOMA 330M | 3000 | 35 |
| WOMA 250M | 3000 | 21 |
| WOMA 190M | 3000 | 18 |
| WOMA 70M | 3000 | 6 |
| WOMA 70C | 3000 | 5,3 |
| WOMA 250M | 2800 | 25 |
| WOMA 190M | 2800 | 20 |
| WOMA 550M | 2500 | 88 |
| WOMA 400M | 2500 | 54 |
| WOMA 330M | 2500 | 45 |
| WOMA 250M | 2500 | 32 |
| WOMA 190M | 2500 | 26 |
| WOMA 70M | 2500 | 9,8 |
| WOMA 550M | 2000 | 105 |
| WOMA 400M | 2000 | 67 |
| WOMA 330M | 2000 | 56 |
| WOMA 250M | 2000 | 40 |
| WOMA 190M | 2000 | 34 |
| WOMA 700Z | 1500 | 149 |
| WOMA 550Z | 1500 | 124 |
| WOMA 400Z | 1500 | 97 |
| WOMA 330Z | 1500 | 81 |
| WOMA 250Z | 1500 | 60 |
| WOMA 190Z | 1500 | 50 |
| WOMA 150Z | 1500 | 37 |
| WOMA 700Z | 1300 | 206 |
| WOMA 550Z | 1300 | 171 |
| WOMA 400Z | 1300 | 113 |
| WOMA 330Z | 1300 | 95 |
| WOMA 250Z | 1300 | 71 |
| WOMA 190Z | 1300 | 59 |
| WOMA 150Z | 1250 | 42 |
| WOMA 400Z | 1150 | 131 |
| WOMA 330Z | 1150 | 110 |

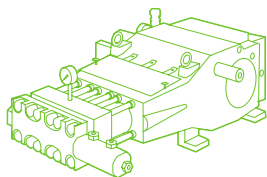
| TYPE | CONFIGURATIONS | |
|--------------|----------------|-------------------|
| | bar | max flow ltr/m |
| WOMA 250Z | 1150 | 83 |
| WOMA 190Z | 1150 | 70 |
| WOMA 700Z | 1000 | 273 |
| WOMA 550Z | 1000 | 227 |
| WOMA 250Z | 1000 | 96 |
| WOMA 190Z | 1000 | 81 |
| WOMA 150Z | 1000 | 52 |
| WOMA 70Y | 1000 | 25 |
| WOMA 30Y | 1000 | 16,7 |
| WOMA 400Z | 850 | 182 |
| WOMA 330Z | 850 | 152 |
| WOMA 70Y | 850 | 32 |
| WOMA 700Z | 800 | 349 |
| WOMA 550Z | 800 | 291 |
| WOMA 150Z | 750 | 73 |
| WOMA 250Z | 750 | 94 |
| WOMA 190Z | 750 | 78 |
| WOMA 150Z | 750 | 70 |
| WOMA 100Z | 750 | 38 |
| WOMA 250Z | 720 | 133 |
| WOMA 190Z | 720 | 112 |
| WOMA 70Y | 700 | 40 |
| WOMA 70Z | 650 | 39 |
| WOMA 700Z | 650 | 435 |
| WOMA 550Z | 650 | 362 |
| WOMA 250Z | 650 | 129 |
| WOMA 190Z | 650 | 108 |
| WOMA 150Z | 570 | 99 |
| WOMA 150Z | 565 | 96 |
| WOMA 100Z | 550 | 54 |
| WOMA 400Z | 500 | 306 |
| WOMA 330Z | 500 | 257 |
| WOMA 250Z | 500 | 171 |
| WOMA 190Z | 500 | 144 |
| WOMA 70Z | 450 | 57 |
| WOMA 150Z | 420 | 136 |
| WOMA 150Z | 415 | 133 |
| WOMA 550 ARP | 400 | 608 |

| TYPE | CONFIGURATIONS | |
|--------------|----------------|-------------------|
| | bar | max flow ltr/m |
| WOMA 400Z | 400 | 80 |
| WOMA 330Z | 400 | 319 |
| WOMA 250Z | 400 | 219 |
| WOMA 190Z | 400 | 184 |
| WOMA 70Z | 400 | 68 |
| WOMA 400 ARP | 340 | 453 |
| WOMA 330 ARP | 340 | 380 |
| WOMA 550 ARP | 330 | 710 |
| WOMA 250 ARP | 320 | 273 |
| WOMA 190 ARP | 320 | 229 |
| WOMA 150Z | 320 | 175 |
| WOMA 150 ARP | 320 | 175 |
| WOMA 100Z | 300 | 102 |
| WOMA 70Z | 300 | 91 |
| WOMA 550 ARP | 290 | 819 |
| WOMA 250 ARP | 250 | 396 |
| WOMA 190 ARP | 250 | 332 |
| WOMA 150 ARP | 250 | 224 |
| WOMA 150Z | 250 | 224 |
| WOMA 400 ARP | 240 | 640 |
| WOMA 330 ARP | 240 | 537 |
| WOMA 100Z | 230 | 134 |
| WOMA 70Z | 220 | 125 |
| WOMA 250 ARP | 210 | 466 |
| WOMA 190 ARP | 210 | 392 |
| WOMA 150 ARP | 200 | 277 |
| WOMA 100Z | 180 | 171 |
| WOMA 70Z | 170 | 165 |
| WOMA 150 ARP | 170 | 337 |
| WOMA 150 ARP | 140 | 402 |
| WOMA 70Z | 135 | 209 |
| WOMA 150 ARP | 120 | 473 |



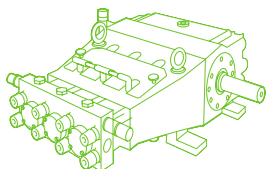
HIGH PRESSURE WATER JETTING

HIGH-PRESSURE PLUNGER PUMPS **UP TO 3.000 BAR**



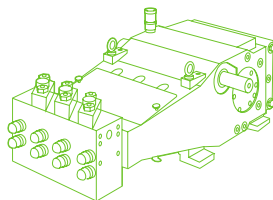
M-Pump series

The ultra-high-pressure plunger pumps of the M series deliver operating pressures of up to 4,000 bar. This makes the pumps of this WOMA series ideal for separating, disassembling, stripping and derusting with high pressure water.



Z-Pump series

The high-pressure pumps of the Z series deliver operating pressures up to 1,500 bar. With a high number of pressure and volumetric flow rate combinations, the pumps are preferably used in industrial cleaning, paint stripping and also in descaling.

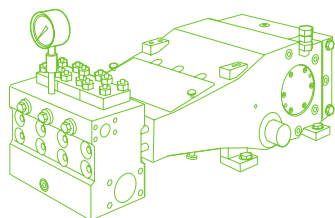


Y-Pump series

The high-pressure pumps of the Y series are particularly compact and designed for operating pressures up to 1,000 bar. Due to their small dimensions and a low weight they can be easily installed in compact devices and on small base frames.

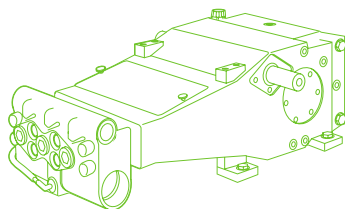
2-Pump series

The high-pressure pumps of the 2-series with operating pressures up to 750 bar and volumetric flow rates up to around 230 l/min are ideal for cleaning pipes and tube bundles, containers and containers.



ARP-Pump series

The ARP (Abrasive Resistant Pump) series was developed specially for the conveyance of water contaminated with grainy or fibrous solids. The ARP high-pressure pumps deliver operating pressures up to 400 bar.



3-Pump series

The pumps of the 3 series deliver operating pressures up to 250 bar and volumetric flow rates of up to 400 l/min and are the preferred choice in channel and tube cleaning applications.

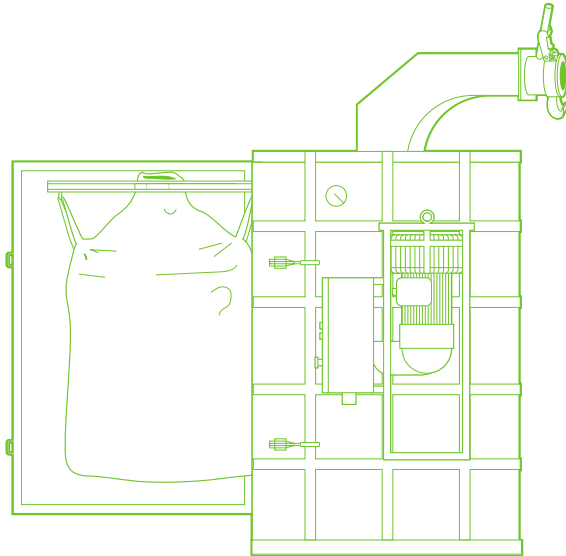




VACUUM UNITS

HIGH PRESSURE WATER JETTING **VACUUM** VACUUM UNITS

For hire in:



Type Pre Separator - Big Bag Box

Application A pre-separator equipped with a 7.5 kW side channel pump and a Big Bag container with capacity equal to 1 m³.

Configuration Container

Max. Capacity 1100 m³/Hr.

Vacuum Max 28% @50Hz | 23% @60Hz

Type Roots Blower

Power Electric 400-460 V | 50-60Hz

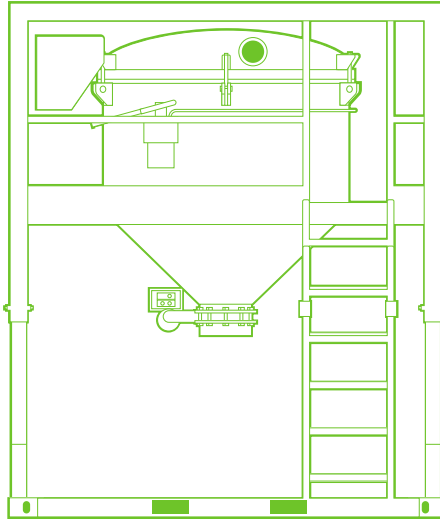
Dimensions (LxWxH) 1500x1400x2450mm

Weight (Empty) 550kg

✓ **SIR Approved**

✓ **Suitable for Heavy
Materials**

For hire in:



Type Cyclone 8000

Application Cyclone for wet and dry product

Max. Capacity 8000 m³/Hr.

Capacity Wet 3 m³

Capacity Dry 1,5 m³

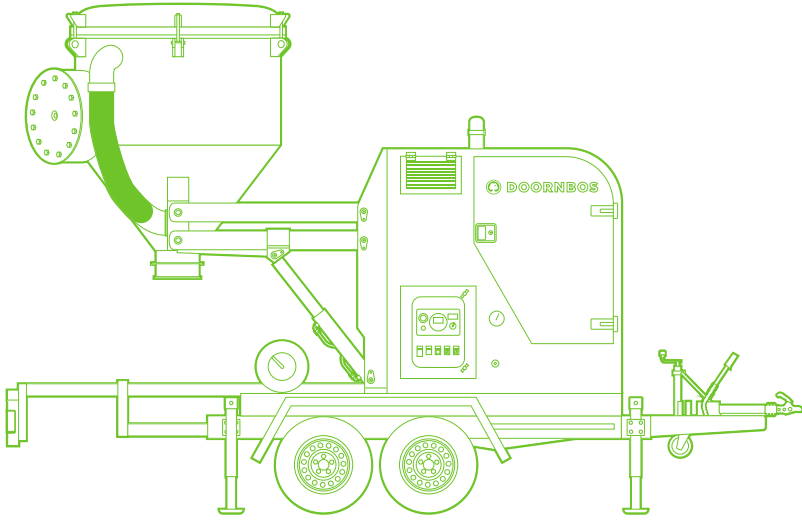
Dimensions (LxWxH) 2800x1810x2420mm

Weight (Empty) 3500kg

✓ **SIR Approved**
(Where Applicable)

HIGH PRESSURE WATER JETTING **VACUUM** VACUUM UNITS

For hire in:



Type Vacuum Trailer 2200

Application Mobile vacuum unit with cyclone, automatic filter cleaning system, efficient hydraulic positioning system and quick discharge into Big Bags. Configuration Trailer*

Max. Capacity 2200 m³/Hr.

Vacuum Max 80%

Type Roots Blower

Power 54 kW Diesel (EU Stage IIIB)

Dimensions (LxWxH) 4455x2160x2310/3700mm

Cyclone Capacity 950 Liter

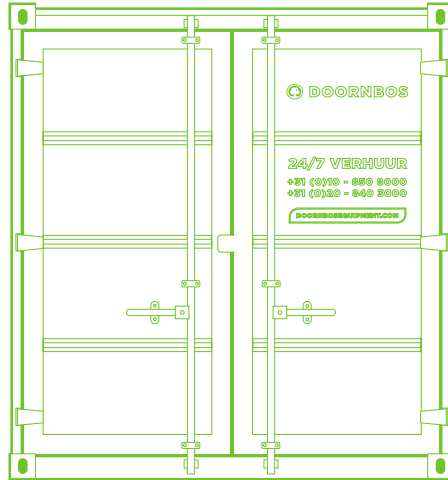
Weight (Empty) 3420kg

** Familiarise yourself with towing requirements and legal regulations*

- ✓ **SIR Approved**
(Where Applicable)
- ✓ **Includes spark arrestor**
for operation in
hazardous areas
- ✓ **Independent from**
electricity
- ✓ **All-in-one system ready**
to work anywhere
- ✓ **Automatic filter cleaning**
system
- ✓ **Fast Discharge in**
Big Bag

HIGH PRESSURE WATER JETTING **VACUUM** VACUUM UNITS

For hire in:



Type Vacuum Unit 2500-8000

Application Vacuum Unit

Configuration 10ft Container

Vacuum Max 91%

Type Roots Blower

Dimensions (LxWxH) 2700x1800x2300mm

✓ **SIR Approved**
(Where Applicable)

✓ **Diesel & Electric**
Configurations

VACUUM UNIT 2500 ELECTRIC

Max. Capacity 2500 m³/hour

Power Electric 75 kW; 400v-440v | 50-60Hz | 130A

Weight 4000kg

VACUUM UNIT 2500 DIESEL

Max. Capacity 2500 m³/Hr.

Power Diesel 102 kW

Weight 4000kg

Fuel Tank 250 Liter

VACUUM UNIT 8000 DIESEL

Max. Capacity 8000 m³/Hr.

Power Diesel 225 kW (EU Stage IV)

Weight 5500kg

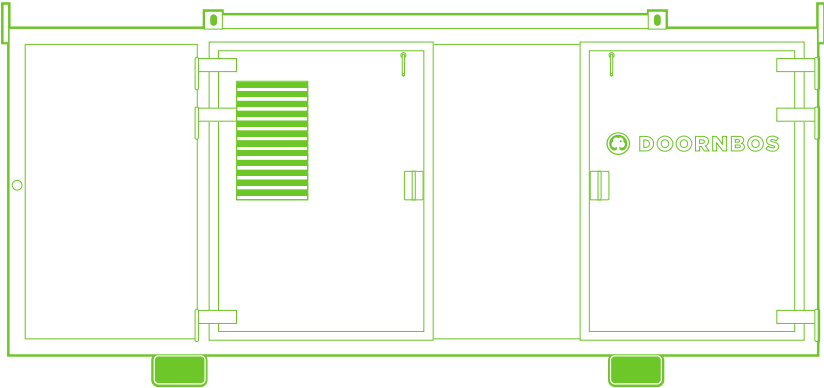
Fuel Tank 600 Liter

Ad Blue Tank 250 Liter

HIGH PRESSURE WATER JETTING **VACUUM**

VACUUM UNITS

For hire in:



Type Vacuum Unit 2500-8000

Application Vacuum Unit

Configuration 12ft Container

Max. Capacity 5000 m³/Hr.

Vacuum Max 91%

Type Roots Blower

Power 157 kW Diesel

Dimensions (LxWxH) 4000x1810x2200mm

Weight 7000kg

Fuel Tank 250 Liter

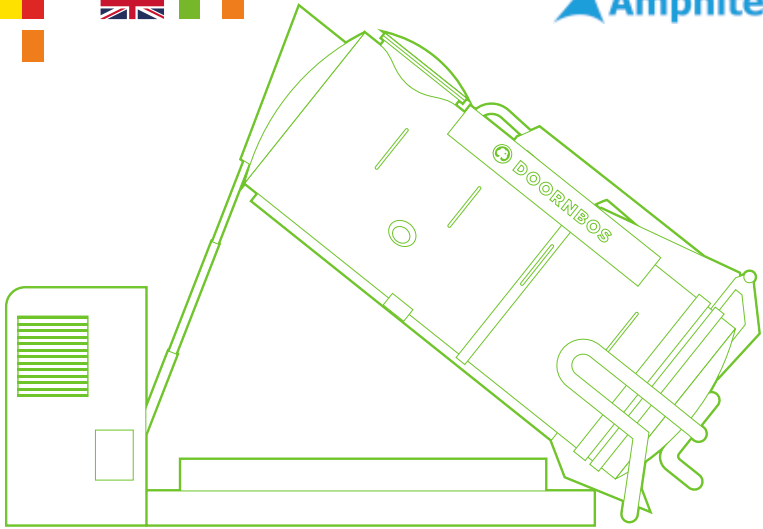
✓ **SIR Approved**
(Where Applicable)

✓ **Diesel & Electric**
Configurations

For hire in:



For sale in:



Type Vacuum Unit Skid 8000

Model Amphitec Flex Loader

Application Industrial vacuum/pressure installation for vacuuming and blowing dry and wet substances

Configuration Skid

Max. Capacity 8000 m³/Hr.

Vacuum Max 90%

Type Roots Blower

Power 151 kW Diesel

Storage Tank Capacity 12m³ RVS

Dimensions (LxWxH) 7000x2600x2600mm

Weight (Empty) 9.500kg

Weight (Max Allowed) 20.000kg

Noise Peak 82 dB

Fuel Tank 600 Liter

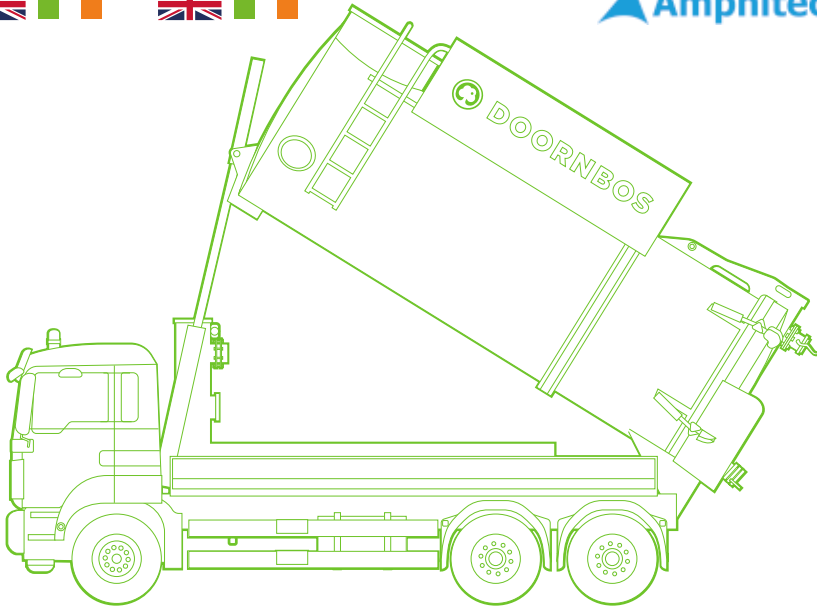
- ✓ SIR Approved
(Where Applicable)
- ✓ Stand-Alone,
autonomous system on
container frame
- ✓ For vacuuming and
blowing dry and wet
substances
- ✓ Compact design, with
large tank volume
- ✓ Suitable for a truck with
20" container frame
- ✓ Also available for sale as
an electric unit with or
without a battery pack
- ✓ Dealer UK & Ireland

HIGH PRESSURE WATER JETTING **VACUUM** VACUUM TRUCKS

For hire in:



For sale in:



Type Vacuum Truck Dry 8000

Model Amphitec Vortex

Application Vacuum truck with storage tank
for dry product

Configuration Truck

Chassis 3-Axle 240kW MAN 6x4

Max. Capacity 8000 m³/Hr.

Vacuum Max 96%

Type Roots Blower

Power 200 kW Diesel

High Pressure Pump 120 Bar, 50L/min

Storage Tank Capacity 12m³ Stainless Steel

Dimensions (LxWxH) 8900x2500x3700mm

Weight (Empty) 15.500kg

Weight (Max Allowed) 26.000kg

Fuel Tank 250 Liter

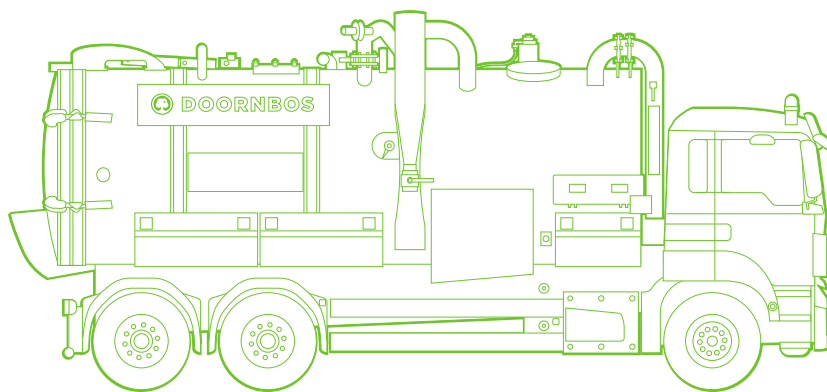
- ✓ SIR | ADR | ATEX Certified
(Where Applicable)
- ✓ Simple operation controls
- ✓ Rental unit for dry product
only
- ✓ Available for sales in
configuration for dry and
wet product
- ✓ Available for sales in 3, 4
and 5-axle configurations
- ✓ Dealer UK & Ireland

HIGH PRESSURE WATER JETTING **VACUUM** VACUUM TRUCKS

For hire in:



For sale in:



Type Vacuum Truck Wet 3200

Model Amphitec V-Force

Application Vacuum truck for suction, discharging and transporting (ADR) liquids

Configuration Truck

Chassis 3-Axle 240kW MAN 6x2

Max. Capacity 3200 m³/Hr.

Vacuum Max 95%

Type Liquid Ring Pump

Storage Tank Capacity 12m³ Stainless Steel

High Pressure Pump 120 Bar, 50 Liter/Min.

Water Tank 4.000 Liter

Dimensions (LxWxH) 8500x2500x3700mm

Weight (Empty) 14.200kg

Weight (Max Allowed) 26.000kg

Fuel Tank 250 Liter

✓ **SIR | ADR | ATEX Certified**
(Where Applicable)

✓ **Simple Operation Controls**

✓ **Rental unit for wet**
substances only

✓ **Available for sales in 3 and**
4-Axle Configurations

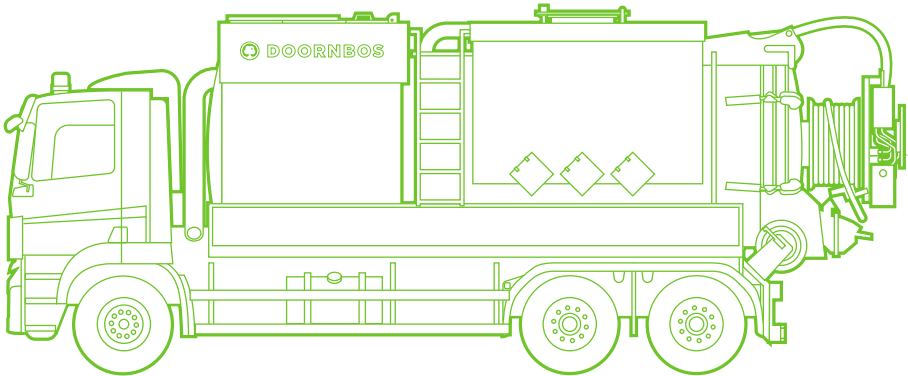
✓ **Dealer UK & Ireland**

HIGH PRESSURE WATER JETTING **VACUUM** VACUUM TRUCKS

For hire in:



For sale in:



Type Vacuum Truck Wet 3200 XL

Model Amphitec V-Force Combi

Application Vacuum truck for suction, discharging and transporting (ADR) liquids

Configuration Truck

Chassis 3-Axle 240kW MAN 6x2

Max. Capacity 3200 m³/Hr.

Vacuum Max 95%

Type Liquid Ring Pump

Storage Tank Capacity 12m³ Stainless Steel

High Pressure Pump 120 Bar, 50 Liter/Min.

Water Tank 6.000 Liter

Dimensions (LxWxH) 8500x2500x3700mm

Weight (Empty) 14.200kg

Weight (Max Allowed) 26.000kg

Fuel Tank 250 Liter

- ✓ **SIR | ADR | ATEX Certified**
(Where Applicable)
- ✓ **Simple Operation Controls**
- ✓ **Rental unit for wet substances only**
- ✓ **Available for sales in 3 and 4-Axle Configurations**
- ✓ **Dealer UK & Ireland**



HIGH PRESSURE HOSES



Parker Distributor NL
Parker Stockist UK

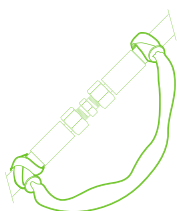
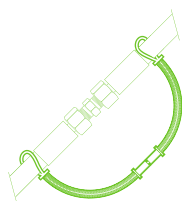
HIGH PRESSURE WATER JETTING HIGH PRESSURE HOSES

For sale in:



For many years Doornbos has been the specialist in sales, assembly and testing of (ultra) high pressure and is official distributor of Parker Polyflex.

The selection of the right hose is a very accurate process. Make sure you contact one of our advisors.



WHY BUY PARKER HIGH PRESSURE HOSES FROM DOORNBOS EQUIPMENT?

- Doornbos is an official Parker distributor for the Netherlands.
- Parker is a leading, global hose manufacturer
- High pressure versions available up to 4000 bar
- Rubber and plastic
- Assembly and testing in house, by SIR certified assemblers according to regulations and protocols of the SIR and manufacturer
- Standard sizes available from stock. Custom sizes also available upon request.
- Various safety accessories available

Accessories

Doornbos also supplies all necessary hose accessories from all leading manufacturers, including; adapters, nozzles, swivels and couplings.

Safety

Working safely also means working with high-pressure hoses you can rely on. Parker hoses comply with strict safety requirements, but Doornbos also has extra accessories available to considerably reduce the chance of a hose break.

- **POLYFLEX LOK** Simple and reliable hose coupling system
- **UHP SWIVEL FITTING** Special fitting for extra flexibility of the hose
- **PROTECTIVE COVERS** for body protection.
- **HOSE BREAK GUARDS** applied to breakable parts, such as couplings and connections at a pump, pedal or lance.
- **PARKER TOUGHJACKET™** double layer high pressure hose versions.
- **PROTECTIVE HOSES** extra cover around the standard hose for additional protection.

HIGH PRESSURE WATER JETTING HIGH PRESSURE HOSES **RUBBER**

For sale in:



For high pressure applications up to 1100 bar, Doornbos Equipment offers a wide range of rubber high pressure hoses (Parker Blastopak) in various diameters and pressures.



WHY RUBBER HIGH-PRESSURE HOSES?

- Synthetic rubber
- Good shock absorption
- Sturdy, up to 6-layer spiral high quality steel
- Flexible in use at both high and low temperatures
- Competitive pricing compared to thermoplastic hoses
- Complies to DIN EN 1829-2
- UV- and ozone-resistant
- Not subject to extreme weather conditions
- Very good chemical resistance
- SIR approved

An overview of our rubber high pressure hoses up to 1100 bar.

| RUBBER HOSES UP TO 1200 BAR | | | |
|-----------------------------|----------|------|--------|
| Diameter | Model | Bar | psi |
| DN-10 | TJ600 | 600 | 8,700 |
| DN-10 | BPK-6 | 1100 | 15,950 |
| DN-12 | TJ-300 | 300 | 4,350 |
| DN-12 | BPK-8 | 1100 | 15,950 |
| DN-12 | NX281-8 | 1100 | 15,950 |
| DN-20 | BPK-12 | 1100 | 15,950 |
| DN-20 | NX281-12 | 1100 | 15,950 |

HIGH PRESSURE WATER JETTING

HIGH PRESSURE HOSES **THERMOPLASTIC**

For sale in:



For high pressure applications up to 4000 bar, Doornbos Equipment offers a wide range of Parker Polyflex thermoplastic high pressure hoses in various diameters and pressures

WHY BUY PARKER POLYFLEX HOSES?

- Thermoplastic is high quality, abrasion resistant and extremely strong material
- Strong yet flexible and light for optimal operator comfort
- Suitable for pressures up to 4000 bar
- UV and ozone resistant
- Comply with DIN EN 1829-2
- SIR approved
- Various models are available with a TOUGHJACKET (TJ) protective layer, for improved abrasion resistance
- Protective hoses (if not ToughJacket) available for added safety.

Markets and Applications

- Pipe/Tube cleaning
- Tank Cleaning
- Hydrodemolition
- Industrial cleaning
- Ship cleaning

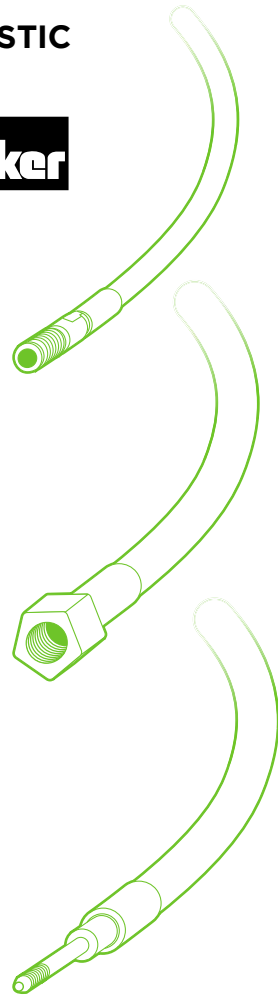
SAFETY ACCESSORIES

Type

Hose connection system
Special fitting for extra hose flexibility
Hose Break Protection alongside body
Hose Protection
Hose Whip Stop
Protection covers

Model

Parker Polyflex Lok
Parker UHP Swivel Fitting
TST Protection / Shroud
TST Hose Connection Cover
TST Whip Stop / Check
Various sizes



HIGH PRESSURE WATER JETTING HIGH PRESSURE HOSES **THERMOPLASTIC**

Overview of
thermoplastic
Parker Polyflex
hoses ranging up
to 4000 bar.



| PARKER POLYFLEX HOSES UP TO 1200 BAR | | | | |
|--|----------|-----------------------|------|--------|
| Model | Diameter | Type | Bar | psi |
| 3/2 | DN-3 | 2240D-02V32-TC-RL | 1100 | 15,950 |
| 5/2 | DN-5 | 2240D-03V72-TC-RL | 1100 | 15,950 |
| 6/2 | DN-6 | 2240D-04V72-TC-RL | 1100 | 15,950 |
| 8/2 | DN-8 | 2248D-05V32-TC-RL | 1000 | 14,500 |
| 8/2 | DN-8 | 2380N-05V00W-RL | 1000 | 14,500 |
| 12/2 | DN-12 | 2388N-08V12W-RL | 1100 | 15,950 |
| 20/4 | DN-20 | 2440N-12V30-RL | 1000 | 14,500 |
| 20/4 | DN-20 | 2580N-12V12-RL | 1200 | 17,400 |
| 25/4 | DN-25 | 2440N-16V30-DL | 900 | 13,000 |
| PARKER POLYFLEX HOSES FROM 1200 - 2000 BAR | | | | |
| Model | Diameter | Type | Bar | psi |
| 4/2 | DN-4 | 2240D-025V72-TC-RL | 1200 | 17,400 |
| 4/2 | DN-4 | 2248D-025V32-TC-RL | 1500 | 21,750 |
| 5/2 | DN-5 | 2248D-03V32-TC-RL | 1400 | 20,300 |
| 6/2 | DN-6 | 2440D-04V32-TC-RL | 1640 | 23,780 |
| 6/2 | DN-6 | 2440D-05V32-TC-RL | 1500 | 21,750 |
| 10/4 | DN-10 | 2580N-06V12-RL | 1600 | 23,200 |
| 12/4 | DN-12 | 2580N-08V12-RL | 1400 | 20,300 |
| 12/6 | DN-12 | 2640N-08V32-DL | 1800 | 26,100 |
| 20/6 | DN-20 | 2640N-12V32 | 1400 | 20,300 |
| 20/6 | DN-20 | 2648N-12V32 | 1600 | 23,200 |
| 20/6 | DN-20 | 2648N-12V32/12-TJ | 1600 | 23,200 |
| 25/6 | DN-25 | 2640N-16V32 | 1200 | 17,400 |
| 25/6 | DN-25 | 2648N-16V32-RL | 1500 | 21,750 |
| PARKER POLYFLEX HOSES FROM 2000 - 4000 BAR | | | | |
| Model | Diameter | Type | Bar | psi |
| 4/6 | DN-4 | 2740D-025V16-RL | 3000 | 43,500 |
| 5/6 | DN-5 | 2640D-03V32-RL | 2500 | 36,250 |
| 5/6 | DN-5 | 2740D-03V34-RL | 2800 | 40,610 |
| 5/6 | DN-5 | 2749D-03V34-RL | 3000 | 43,500 |
| 5/6 | DN-5 | 2840D-03V34-RL | 4000 | 58,000 |
| 8/6 | DN-8 | 2740D-05V34-RL | 2500 | 36,250 |
| 8/6 | DN-8 | 2740D-05V34 /17-TJ-RL | 2500 | 36,250 |
| 8/6 | DN-8 | PFX30-05 | 3010 | 43,650 |
| 8/6 | DN-8 | PFX30-05-TJ | 3010 | 43,650 |
| 8/8 | DN-8 | 2849D-05V34-RL | 3800 | 55,110 |
| 12/8 | DN-12 | 2848D-08V30 | 3000 | 43,500 |

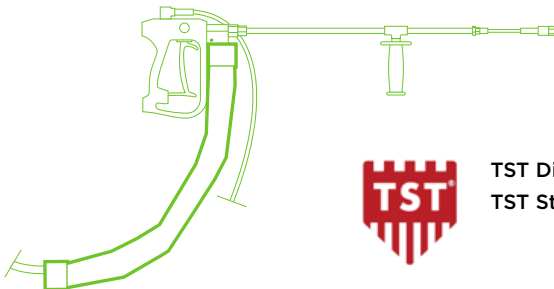
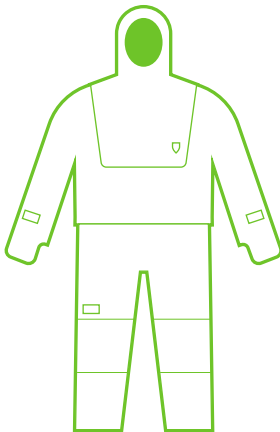
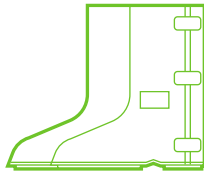
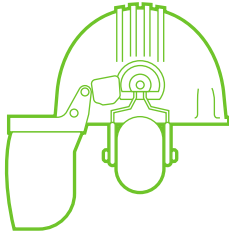




SAFETY ACCESSORIES

HIGH PRESSURE WATER JETTING SAFETY ACCESSORIES

For sale in:



TST Sweden develops a wide range of protective equipment with technically advanced features, high level of comfort and high quality.

Specific accessories are offered for protection up to 500 bar and up to 3000 bar, and include:

- head protection
- foot protection
- body protection
- hand protection
- hose protection

Doornbos strongly recommends the use of high quality and certified protective equipment when operating water jetting tools. Please take safety instructions from page 9 to heart when operating water jetting equipment.



TST Distributor NL
TST Stockist UK







SERVICE & CONTACT

HIGH PRESSURE WATER JETTING **SERVICE**

REPAIR AND MAINTENANCE



If you own a fleet of (ultra) high pressure water jetting equipment, we can offer our expertise and experience to repair and maintain your equipment for optimal safety, performance and reliability.

Service options

- Execute mandatory annual checks on equipment and accessories. In The Netherlands and Belgium this is done by SIR certified Doornbos inspectors.
- Equipment and accessory inspection
- Equipment and accessory service and repairs
- Equipment overhauls
- Parts delivery

Benefits

- Complete one-stop-shop high pressure water jetting offering: equipment and accessory sales, rental and service
- High quality service work: 30+ year experience in the water jetting industry and Doornbos only works with high quality components of leading brands
- In-house expert knowledge about a wide range of water jetting equipment, because of the diverse Doornbos rental fleet
- In-house repair and testing capability

Please use below contact details for all your rental, sales, after hours service, maintenance and training enquiries.

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check the inside pages for details and
geographical coverage



member:

