

TRACTO

Further information
on Suction Barrels

[TRACTO.COM/SUCTION-BARRELS](https://tracto.com/suction-barrels)



STS V-1.5
STS V-2.0
HDD SUCTION
BARRELS



ADVANCED TRENCHLESS TECHNOLOGY

STS V-1.5 | STS V-2.0

HDD SUCTION BARRELS

A trailer-mounted suction barrel is an ideal solution to keep your working pit free from drilling fluid, mud or any other liquid.

The suction barrels from Stephan Schmies Metallbau's STS VS-production series are purpose-designed for demanding jobsite use.

Intelligent details make day-to-day use easier for the user. One of the main characteristics of the STS series is that there is no need to dismantle the suction hoses for transport as they are easily secured

in a side holder. The freely rotating suction hose boom offers a very user-friendly application and ensures a fast and safe working process.

APPLICATION



STS V-2.0 with suction arm



Drive unit housing



STS V-2.0 with suction arm and rear tipper

FUNCTIONS | ADVANTAGES

EQUIPMENT

- Continuously welded drawbar for maximum stability
- Stable mudguard with metal lighting guards
- Track width in-line with car and vans for easy towing, while preventing any side motions
- Lowest possible centre of gravity for the suction tank
- Suction unit tilted for better cleaning
- Drain to remove spoils or blockages without the need to open the tank cover
- Colour-coded stainless steel fill level indicator
- Equipped as standard with 2 safety steps, to prevent damage to the compressor
 - Syphon-Separator
 - Overflow valve with 2 balls and gauge glass
- Pressure gauge fitted on suction unit
- Hoop guard to protect pressure gauge and suction unit
- Quick-connect mounts for suction hoses with a rubber strap
- No requirement to disconnect suction hose and suction lance after work has been completed
- Drive unit mounted in sealed aluminium housing to prevent dirt ingress (Powder coating as standard in any requested colour)
- Storage space for tools and accessories between the motor housing and suction tank
- 13hp industrial B&S Vanguard petrol engine equipped with oil sensor, fuel tank, and electric start
- Low maintenance V-belt drive for suction unit: Suction unit MEC 3000 with 3,500 lpm air flow rate
- All engine components and accessories located in lockable engine box.

APPLICATION EXAMPLES

SUCTION OF VERY SANDY DRILLING MUD (BENTONITE)

SUCTION OF FLUIDS WITH SOLIDS

CLEANING AND EMPTYING OF SEWERS, MANHOLES AND WORK PITS

SUCTION OF LEACHES, EMULSIONS AND WASTEWATER

TECHNICAL DATA	STS V-1.5	STS V-2.0	STS V-2.0 with suction arm freely rotating for easy fluids collection	STS V-2.0 with rear tipper tiltable up to 60°	STS V-2.0 with suction arm and rear tipper
Length (mm)	4.850	4.850	4.850	4.850	4.850
Width (mm)	1.850	1.850	1.850	1.850	1.850
Height (mm)	1.850	2.050	2.330	2.150	2.330
Weight (empty) (kg)	1.100	1.200	1.290	1.330	1.410
Tank capacity (l)	1.500	2.000	2.000	2.000	2000
Low-loader twin-axle trailer (t)	2,8	3,5	3,5	3,5	3,5

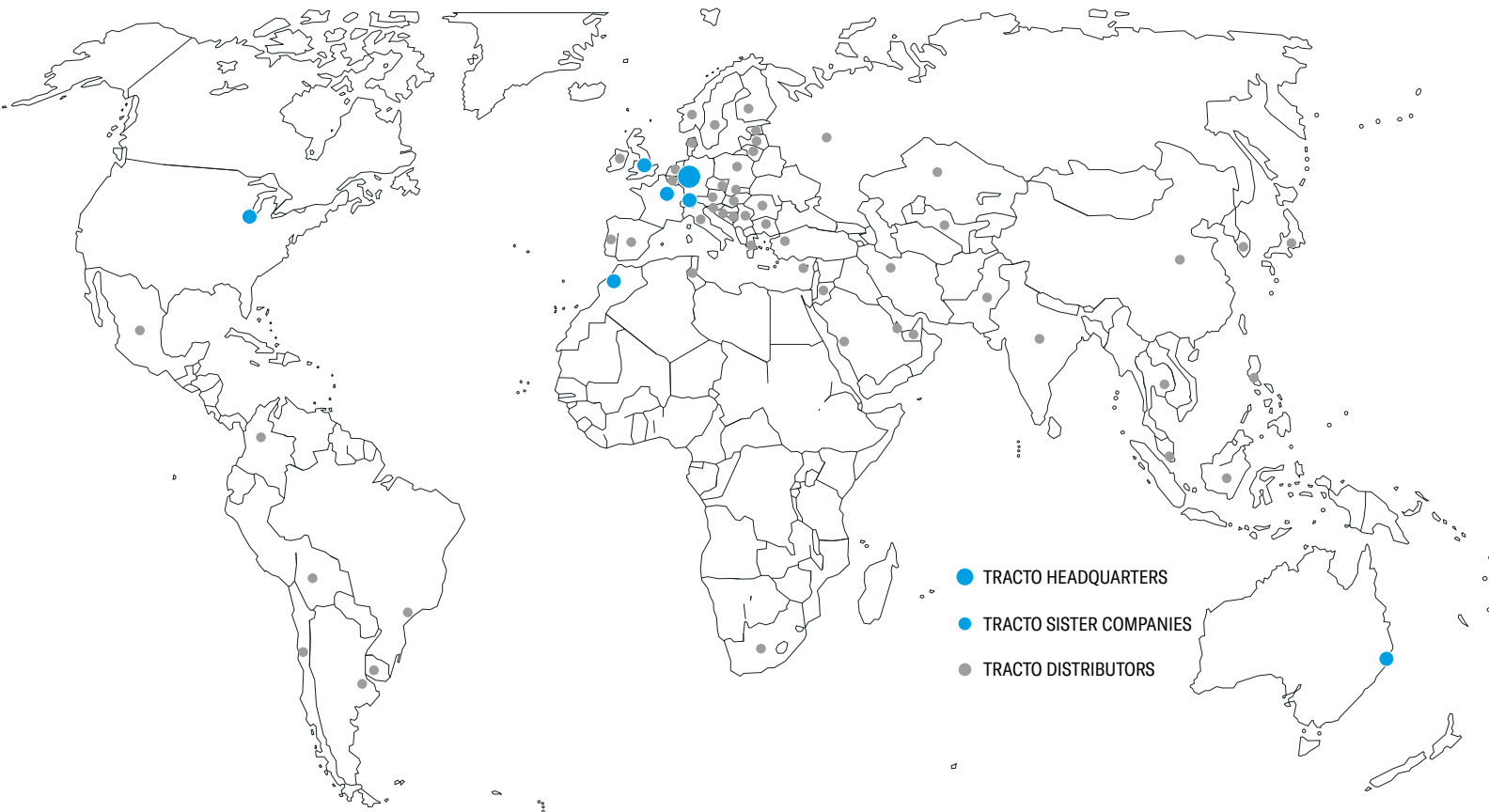
Subject to change.

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