EN

Parts for Scrubbers & Sweepers

TVH PARTS NV • **PARTS & ACCESSORIES DIVISION**
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Dear customer,

More than 40 years ago, in 1969, the success story of TVH began. Mr Paul Vanhalst and Mr Paul Thermote, neighbours and school friends, joined their forces and started with the purchase and repair of agricultural machines and used lift trucks.

Increasing industrialisation led to a growing need for lift trucks and lift truck parts. Slowly but surely, TVH was growing into a global player, thanks to the success of the product and customer service, but also thanks to acquisitions. TVH turned into an all-round supplier, a real one-stop shop, by adding hand pallet trucks, hand trolleys, lifting cranes ... to its range and by setting up a domestic rental division.

TVH Group is organized in two important activities: Parts & Accessories and Rental & Equipment. This last activity has three divisions, namely Equipment division (sales of second-hand lift trucks and aerial work platforms), Rental division (short- and long-term renting of lift trucks and aerial work platforms) and Service & repair division.
The Rental division is active in Belgium, the Netherlands, Luxemburg, Czech Republic, Germany, Poland, Slovakia, Hungary, Romania and Serbia. The Service & repair division is a service TVH only offers in Belgium. The Parts & Accessories and the Equipment division are active in more than 170 countries worldwide.

After all these years, the business is still in family hands and has grown from two founders to a workforce of almost 4000 employees worldwide. In this brochure, we focus on the scrubber and sweeper parts and accessories we can offer.

PARTS & ACCESSORIES

PRODUCT RANGE & BRANDS

Product range

TVH offers an extensive selection of parts and accessories for scrubbers and sweepers including:

Air filters	Discharge hoses	Floor pads	Lights	Steering axle
Battery chargers	Drain hoses	Frame	LPG parts	Squeegees
Bearings	Drain plugs	Fuel filters	Oil filters	Suction hoses
Body	Drive axle	Gaskets	Panel filters	Switches
Brooms	Electric drive	Hydraulic drive	Seals	Vacuum hoses
Brushes	Engine parts	Knobs	Seats	Vacuum motors
Castors	Flaps	Latches	Skirts	

Brands

For the following brands we can answer all your queries:

Alto	Factory Cat	Minuteman	RCM
Clarke	Fiorentini	Nilfisk-Advance *	Tennant *
Comac	Hako *	Nobles	Viper
Dulevo	Kärcher	Powerboss	Windsor

*For these brands we have fastmovers in stock.

For the following brands we can offer brushes:

Cimex	Eureka	Mirage	Pulimat	Sorma
Columbus	Hofmans	Nilco	Rotowash	Teknova
Electrolux	Isal	Powerflite	Selco	Wayne

For our complete product offer, see MyProductSearch. More info on page 31.

VACUUM MOTORS

TVH supplies high-quality vacuum motors suitable for all brands of scrubbers and sweepers

TVH is authorized distributor for

AMETEK

LAMB POWERED

	REF 107TA6108	REF 107TA6111	REF 107TA6109
	Suitable for Tennant, Comac, Dulevo, Clarke, Alto …	Suitable for Tennant, Nilfisk-Advance, Minuteman, Comac …	Suitable for Tennant, Alto, Dulevo, Clarke …
Discharge	Peripheral	Tangential	Peripheral
Total height	175 mm	167 mm	199 mm
Height of the turbine	69 mm	69 mm	92 mm
Diameter of the turbine	144 mm	145 mm	145 mm
Outer diameter blower	-	48 mm	-
Connection wires	Present	Present	Present
Tension	36 V	24 V	36 V
Capacity	560 W	360 W	680 W
Number of turbines	2	2	3

	REF 107TA6104	REF 139TA2723	REF 107TA6105
	Suitable for Tennant, Nilfisk-Advance …	Suitable for Hako, Tennant, Powerboss, Nilfisk-Advance …	Suitable for Tennant, Alto, Hako, Minuteman …
Discharge	Tangential	Tangential	Tangential
Total height	198 mm	226 mm	198 mm
Height of the turbine	91 mm	94 mm	91 mm
Diameter of the turbine	144 mm	144 mm	144 mm
Outer diameter blower	48 mm	48 mm	48 mm
Connection wires	Present	Present	Present
Tension	36 V	24 V	24 V
Capacity	550 W	450 W	450 W
Number of turbines	3	2	3

For our complete product offer, see MyProductSearch. More info on page 31.

BRUSHES
BRUSH TYPES

Side broom

The purpose of side brooms is to throw debris out in front of the sweeper so that the main broom can pick it up.

Main broom

The main broom is built around a heavy-duty core, with staple-set tufts aligned in spiral rows. This design places bristles on the floor at all times to increase vacuum efficiency and improve pickup characteristics.

Rotary brush or "Side scrub"

A rotary brush or "side scrub" is designed to spin and loosen up debris from the ground with its dense and stiff bristles.

Cylindrical scrub or "Main scrub"

A cylindrical scrub or "main scrub" uses a fill-fill design that keeps bristles on the floor at all times and guides the solution to the centre of the scrubbing path as the bristles loosen up the debris from the ground. The filament length on this brush designates it as a "scrubber" since the short bristle is not able to "flick" or "sweep" the debris off the ground.

Pad driver

The pad driver is set with stiff 1/2" long polypropylene bristles, unevenly trimmed and widely spaced to firmly grip scrubbing pads.

For our complete product offer, see MyProductSearch. More info on page 31.

BRUSHES
MATERIAL & ROW PATTERNS

Material

Nylon

Nylon is a highly productive filament with an excellent brush life in dry sweeping conditions. It performs well on rough surfaces and in high-temperature environments because of its durability and high melting point. The smaller the grit size the more aggressive the scrubbing.

Polypropylene

As the most popular filament in scrubbing applications, poly is efficient for use with most soils and surfaces. Although poly is more economical than nylon, it is not recommended for sweeping high-temperature debris.

Proex

Proex is highly efficient as an all-purpose filament for indoor and outdoor sweeping applications, including damp or humid environments. It is not recommended for high-temperature sweeping applications. Proex is polypropylene and derives its name from the X-shape of the bristle.

(Steel) Wire

(Steel) Wire is highly durable, but is also the most abrasive material. Wire is not fit for every surface because of its abrasiveness. Steel wire is most appropriate for work on steel and iron work pieces, but may also be used on wood, aluminium, brass and copper.

Union Fibre

Comprised of a mixture of Tampico and Palmyra fibres, this material is highly efficient for dust control and sweeping fine debris. As a natural fibre, Union has relatively shorter wear life compared to other synthetic materials.

Grit

Grit is nylon filament impregnated with silicon carbide particles. Grit filaments are offered in .070"/46, .050"/80, .035"/180, .022"/120, .018"/500. The first number is the filament diameter. The larger the diameter the stiffer the bristle. The second number is the particle size. The smaller the grit number, the more aggressive the scrubbing. Grit brushes reduce/eliminate the need for black stripping pads. They have a long lifespan and great performance.

Row patterns

Single row

The single row pattern is ideal for sweeping applications in dusty and/or sandy conditions. It is also referred to as the full-fill or high-density pattern. This pattern is designed to pick up fine debris, but not bulky items.

Double row

Because of its versatility, the double row pattern is the most popular pattern for sweeping applications. This design allows the space between each row to trap bulky items while the bristles are working to pick up the finer debris such as dust and sand.

Patrol brush (V-pattern)

The patrol brush has a V-pattern and is designed primarily for high-speed sweeping in large areas. Designed with fewer rows with more tufts per row, there is more space between rows. This enables the brush to effectively pick up medium to large debris such as cans, paper and leaves at higher speeds.

For our complete product offer, see MyProductSearch. More info on page 31.

FLOORPADS
STANDARD PADS

Standard pads

	White	• Polishing • Buffing	• 'Wet look'-finish • Suitable for any floor type
	Pink	• Buffing • Cleaning	• Removes light markings • Suitable for any floor type
	Red	• Cleaning	• Used for spray-cleaning • Removes light markings • High-gloss effect • Suitable for any floor type
	Blue	• Heavy-duty cleaning	• For use with detergents
	Green	• Scrubbing	• Removes heavy markings • For wet use and use on heavily contaminated floors
	Brown	• Stripping	• Restores heavily contaminated floors • Suitable for any floor type
	Black	• Stripping	• Classic stripping • For use with detergents • Restores contaminated floors • Removes emulsion coating

For our complete product offer, see MyProductSearch. More info on page 31.

FLOORPADS
HIGH SPEED PADS

High-speed pads

	Ivory	• Polishing	• Soft finish • For use on dry floors
	Light blue	• Polishing • Buffing	• Super polyvalent finishing disc • Extremely qualitative finish
	Natural grey	• Polishing • Buffing	• High-gloss finish • The natural and durable fibres are perfect for harder finishes
	Peach	• Polishing • Buffing	• Removes light markings and restores gloss in one go
	Turquoise	• Buffing	• High-gloss finish • Soft or medium finish • Frequent use
	Natural white	• Buffing	• High-gloss finish • More flexible disc than the natural grey version

For our complete product offer, see MyProductSearch. More info on page 31.

SQUEEGEES & FILTERS

Squeegees

Linatex

Linatex works well with chemicals and will not swell like gum rubber. Linatex squeegees can easily be recognized by their red colour.

Urethane

Urethane squeegees are resistant to chemicals, oil and grease. They work very well on industrial flooring such as old warehouse floors or other rough and uneven floors. Urethane squeegees have a higher lifespan than Linatex or gum rubber.

Gum rubber

Gum rubber squeegees work well on smooth or tiled surfaces, such as shopping malls. Gum rubber squeegees ensure maximum water collection on smooth surfaces, leaving them dry and safe for pedestrians.

Filters

Paper filters: Filtering dust in dry applications • Non-washable

Synthetic filters: Filtering dust in damp, high humidity or even wet applications • Washable

Oil, air & hydraulic filters: Complete filter kits available • Complete range of heavy-duty filters • Filters for intensive use

BALDWIN FILTERS a CLARCOR company

TVH is Factory Distributor for Baldwin Filters.

TOTAL SOURCE®

For our complete product offer, see MyProductSearch. More info on page 31.

SOAPS & CLEANING TISSUE

Soaps

REF 139TA4564 - 5 l
REF 139TA4565 - 10 l

Our **floor soap** can be used on any type of floor. Available in **5 l and 10 l** packaging.

- For professional use
- Limited number of hazardous substances
- Use a cloth, mop, scrubber machine or single disc machine
- Environment-friendly
- Let the product act and then rinse with water

Maintenance special
REF 18380005

Cleaning tissue

REF 106TA6744
Cleaning tissue

- Sold per pair
- White
- 600 m x 240 mm

REF 107TA8502
Floor-mounting dispenser

- Rolls excluded

REF 107TA8503
Wall-mounting dispenser

- Rolls excluded

For our complete product offer, see MyProductSearch. More info on page 31.

BATTERIES & CHARGERS

Batteries

Whether it is a wet monobloc, semi-traction or gel battery, we have the most comprehensive range of batteries for all major brands of sweepers and scrubbers.

Batteries, chargers & accessories
REF 15262190

Chargers

REF 141TA3260

For batteries 24 V 10 A • 60-100 Ah • 12 h frame • 152 x 225 x 84 mm • HF1-IP (IP55)

REF 141TA3261

For batteries 24 V 20 A • 95-120 Ah (8 h) • 120-190 Ah (12 h) • 134 x 240 x 63 mm • CBHD2 (IP30)

REF 141TA3262

For batteries 48 V 20 A • 95-120 Ah (8 h) • 120-190 Ah (12 h) • 180 x 310 x 100 mm • CBHF2 (IP30)

REF 141TA3263

For batteries 24 V 25 A • 120-160 Ah (8 h) • 200-270 Ah (12 h) • 311,8 x 184,2 x 88,9 mm • HF2-UI (IP66)

For our complete product offer, see MyProductSearch. More info on page 31.

High-frequency universal battery chargers for wet and gel batteries

Technical features:

- **Possibility to change the charging curve by means of DIP switches**, choosing from 16 standard preprogrammed curves for lead-acid, gel and AGM batteries. Any other curve available on request for all type of batteries (Li-ion and Li-po included).
- **High-frequency system** with advanced technology. **Efficiency > 90%**.
- Charging process **fully controlled by microprocessor.**
- **Visualization on a lit display:** the charging current, the battery voltage, the charging time, the charge supplied in Ah and the energy absorbed in kWh.
- **Compensation of the voltage drop** on the connecting cables to the battery.
- **Protection** against polarity inversions, short circuits, over-voltages or anomalies.
- **Equipped with NC (normally closed) relay for safety interlock connections** (available only for on-board installation).
- Ingress Protection Rating **IP30** with forced ventilation.
- **Remote 3-LED** (red, yellow and green).
- **The information relevant to the last 30 charging cycles** (the duration of the charging cycle, the Ah's delivered by the battery, the voltage at the end of the charge and the possible error messages) **can be downloaded in an excel file** through a cable and specific software available as an option.

Model	Battery voltage	Charging current	Battery range (5 h rate)		Battery range (20 h rate)	Weight kg (lbs)	Dimensions (l x w x h)	Protection
			8-9 hours charging time	10-12 hours charging time	10-12 hours charging time			
139TA6003	12 V	15 A	80-110 Ah	100-150 Ah	130-185 Ah	2,2 (4,85)	180 x 310 x 100 mm (7,08 x 12,02 x 3,93 inch)	IP30
	12 V	20 A	95-120 Ah	120-195 Ah	150-240 Ah			
	12 V	25 A	120-160 Ah	180-258 Ah	220-315 Ah			
	12 V	30 A	145-180 Ah	200-280 Ah	245-350 Ah			
	24 V	15 A	80-110 Ah	100-150 Ah	130-185 Ah			
	24 V	20 A	95-120 Ah	120-195 Ah	150-240 Ah			
	24 V	25 A	120-160 Ah	180-258 Ah	220-315 Ah			
	24 V	30 A	145-180 Ah	200-280 Ah	245-350 Ah			
	36 V	15 A	80-110 Ah	100-150 Ah	130-185 Ah			
	36 V	20 A	95-120 Ah	120-195 Ah	150-240 Ah			
	36 V	25 A	120-160 Ah	180-258 Ah	220-315 Ah			
	48 V	15 A	80-110 Ah	100-150 Ah	130-185 Ah			
	48 V	20 A	95-120 Ah	120-195 Ah	150-240 Ah			
XP VERSION = EXTRA POWER								
139TA6004	12 V	35 A	180-220 Ah	250-320 Ah	305-390 Ah	2,2 (4,85)	180 x 310 x 100 mm (7,08 x 12,02 x 3,93 inch)	IP30
	12 V	40 A	220-260 Ah	295-360 Ah	360-440 Ah			
	24 V	35 A	180-220 Ah	250-320 Ah	305-390 Ah			
	24 V	40 A	220-260 Ah	295-360 Ah	360-440 Ah			
	36 V	30 A	145-180 Ah	200-280 Ah	245-350 Ah			

CE cULus E249016

For our complete product offer, see FLYPS MyProductSearch. More info on page 31.

BATTERIES & CHARGERS
CHARGERS

High-frequency universal battery chargers for wet and gel batteries

Technical features:

- **Possibility to change the charging curve by means of a DIP switch**, choosing from 16 standard preprogrammed curves for lead-acid, gel and AGM batteries. Any other curve available on request.
- **High-frequency system** with advanced technology. **Efficiency > 85%.**
- Charging process **fully controlled by microprocessor.**
- **Visualization on a lit display:** the charging current, the battery voltage, the charging time, the charge supplied in Ah and the energy absorbed in kWh.
- **Protection with an output relay** against polarity inversions, short circuits, over-voltages or anomalies.
- **Compensation of the voltage drop** on the connecting cables to the battery.

Model	Battery voltage	Charging current	Battery range		Weight kg (lbs)	Dimensions (l x w x h)	UL approved
			(5 h rate)	(20 h rate)			
139TA6001	12 V	4 A	20-40 Ah	30-50 Ah	1,8 (3,97)	134,5 x 241 x 80 mm (5,29 x 9,48 x 3,16 inch)	YES
	12 V	8 A	40-80 Ah	60-105 Ah			
	12 V	10 A	60-100 Ah	70-130 Ah			
	12 V	12 A	90-120 Ah	120-157 Ah			
	24 V	4 A	20-40 Ah	30-50 Ah			
	24 V	8 A	40-80 Ah	60-105 Ah			
	24 V	10 A	60-100 Ah	70-130 Ah			
	24 V	12 A	90-120 Ah	120-157 Ah			
139TA6002	12 V	8 A	40-80 Ah	60-105 Ah		154 x 268 x 100 mm (6,06 x 10,55 x 3,93 inch)	NO
	12 V	10 A	60-100 Ah	70-130 Ah			
	12 V	12 A	90-120 Ah	120-157 Ah			
	12 V	14 A	90-130 Ah	120-170 Ah			
	12 V	16 A	120-160 Ah	150-200 Ah			
	24 V	8 A	40-80 Ah	60-105 Ah			
	24 V	10 A	60-100 Ah	70-130 Ah			
	24 V	12 A	90-120 Ah	120-157 Ah			
	24 V	14 A	90-130 Ah	120-170 Ah			
	24 V	16 A	120-160 Ah	150-200 Ah			

CE c UL us E249016

Batteries, chargers & accessories
REF 15262190

For our complete product offer, see MyProductSearch. More info on page 31.

BATTERY CONNECTORS & BATTERY DISCHARGE INDICATORS

Battery connectors

Colour	Rated voltage	Colour	Rated voltage	Colour	Rated voltage
Yellow	12 VDC	Grey	36 VDC	Black	80 VDC
Orange	18 VDC	Blue	48 VDC	Brown	96 VDC
Red	24 VDC	Green	72 VDC	Purple	120 VDC

- Mechanical keys moulded in connectors will engage only with connectors of the same colour
  This colour code given for various voltages is only a suggestion

APP
Anderson Power Products®

Battery discharge indicators

- Diameter: 52 mm
- With lock-out
- 4 wires:
  positive & negative terminal, 2 relays
- Available in
  12 - 24 - 36 - 48 V

- Diameter: 52 mm
- Without lock-out
- Available in
  12 - 24 - 36 - 48 - 72 - 80 V

- Multivoltage:
  12 - 24 - 36 - 48 V
- Diameter: 2 mm
- With or without lock-out

- Multivoltage:
  12 - 24 - 36 - 48 V
- Diameter: 52 mm
- With lock-out

For our complete product offer, see MyProductSearch. More info on page 31.

ENGINES & ENGINE PARTS

New & rebuilt engines

Yanmar

Kubota

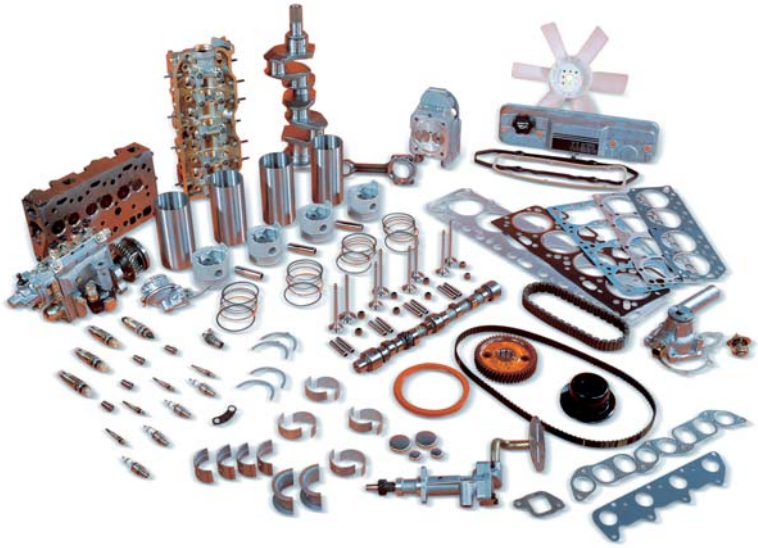
Lombardini

Reconditioned
Recycled
Reliable

For these products we have also service exchange available.

Deutz • Hatz • Honda • Kubota • Lombardini • Perkins • Yanmar • …

Engine parts



Consult TVH for all parts you need for engines of:

Deutz • Hatz • Honda • Kubota • Lombardini • Perkins • Yanmar • …

Engine parts
REF 8255616

For our complete product offer, see MyProductSearch. More info on page 31.

BACK-UP ALARMS & LIGHTS

Back-up alarms

SAFE-T-ALERT
Made in USA

Consumables & accessories
REF 19524706

- Extensive range in stock: different voltages, dimensions and decibel levels
- All SAFE-T-ALERT and BBS-TEK alarms have been tested

Lights

METEORLITE
Made in USA

Light special
REF 15765795

- Extremely suitable for use on electric machines as LED lights only use a very small percentage of the battery's capacity
- Long lifespan: approximately 100 x longer than halogen lights
- Completely waterproof

For our complete product offer, see MyProductSearch. More info on page 31.

SEATS
& DOCUMENT HOLDERS

Seats

We have a complete range of seats and accessories for all major brands of sweepers and scrubbers. Seats for sweepers or scrubbers are intended for indoor use only. Leaving your sweeper/scrubber outside in bad weather conditions will affect your seat.

Seats & accessories
REF 13991397

Document holders

REF 106TA6801

- Inside diameter: 70 mm
- Overall length: 350 mm

REF 107TA7951

- For A5 documents
- Inner dimensions: 229 x 152 mm

REF 123TA7529

- For A4 documents
- Inner dimensions: 320 x 220 mm

REF 128TA3423

- Inside diameter: 44 mm
- Overall length: 290 mm

For our complete product offer, see MyProductSearch. More info on page 31.

SUCTION PIPES, FITTINGS, CABLES & WHEELS

Suction pipes

REF 139TA8102
- Sold per meter
- Inner diameter: 32 mm
- Outer diameter: 38 mm

REF 139TA8103
- Sold per meter
- Inner diameter: 38 mm
- Outer diameter: 44 mm

REF 139TA8104
- Sold per meter
- Inner diameter: 51 mm
- Outer diameter: 57 mm

Fittings

REF 141TA2683
- Diameter: 32 mm

REF 141TA2684
- Diameter: 38 mm

REF 141TA2685
- Diameter: 51 mm

Cables

REF 141TA2686
- Cable: 2 cores x 1 mm^2
- Length: 15 m
- With plug

REF 141TA2687
- Cable: 3 cores x 1,5 mm^2
- Length: 15 m
- With plug

Wheels

Wheels are available in:
Polyurethane • soft polyurethane • rubber • nylon • plastic

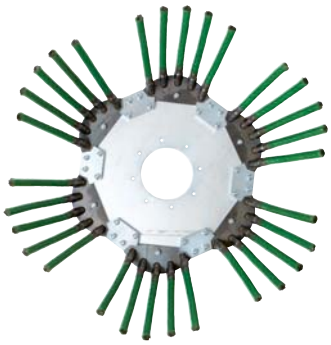
Rims are available in:
Cast iron • aluminium • nylon • steel • plastic

Wheels, rollers & castors
REF 6781097

For our complete product offer, see MyProductSearch. More info on page 31.

WEED BRUSHES, PAINT & SPRAYS

Weed brushes



- Steel weed brushes
- Easy installation
- Easily exchangeable
- The steel wires have been welded through the brush plate at an angle
- The green PVC sleeve is clamped at the attachment

Paint & sprays

Paint used for Hako
- Anthracite grey 2,5 l
- Dust grey 2,5 l
- White aluminium 2,5 l (also spray available)
- Red 2,5 l (also spray available)
- Graphite black 2,5 l (also spray available)

Sprays used for Tennant
- Blue/green spray 400 ml
- White spray 400 ml (also paint available)

Spray master
REF 107TA7405
- For 400 ml & 500 ml sprays

For our complete product offer, see MyProductSearch. More info on page 31.

ELECTRONIC DEPARTMENT

A look at our Electronic department

Did you know that …?

The Electronics department is one of our fastest growing departments

- Over 55 qualified electronic technicians
- Repair of all your cards and controllers
- Our repair programme is growing day by day
- Experienced brand specialists

Reconditioned
Recycled
Reliable

Facts & figures

- More than 25 000 electronic devices cards a year
- All controllers are thoroughly load tested
- We spontaneously offer price and lead time for a reconditioned/new card if you inquire about the price and lead time of a new/exchange unit
- You can send in your own electronic part for repair if we have no Service Exchange part available
- The Electronics department also repairs: Joysticks/displays/accelerators: HF-chargers/electronic parts for aerial work platforms

The Electronics department is supported by a full Research and Development (R & D) team

- R & D makes schematics of printed circuit boards
- R &D develops all required test facilities and software to test our parts

All controllers/cards carry a "tested" or "new part" label with a unique serial number, this tells us:

- Where and when we bought the part and to whom we sold it
- History of the card

Warranty expires if the serial number is removed from the spare part

We are interested in buying your electronic parts (defective or working condition). Send us a list with the part numbers and we will quote you our best price.

CURTIS

TVH is a Curtis agent and authorized service & repair centre for Europe

TVH collaborates with Curtis for the purchase and repair of:

- Speed controllers and printed circuit boards
- DC-DC converters and chargers
- Battery indicators and displays
- Accelerators and joysticks
- Handsets and software
- ...

Curtis & TVH: the ultimate combination!

- Curtis is a renowned technological leader in electrical instrumentation and controllers, in America, Europe and Asia.
- TVH is a distributor of new Curtis parts.
- Since 2009 TVH is also appointed by Curtis as Curtis Authorized Service & Repair Centre for Europe.

For our complete product offer, see MyProductSearch. More info on page 31.

SEVCON

TVH is a distributor of Sevcon

TVH collaborates with Sevcon for the sales and technical support of:

- Speed controllers and printed circuit boards
- DC-DC converters and chargers
- Battery indicators and displays
- Accelerators and joysticks
- Handsets and software
- ...

TECH/OPS SEVCON®

- Sevcon is a renowned manufacturer of motor controllers and system components for electrically powered machines such as lift trucks, aerial work platforms, sweepers …

For our complete product offer, see MyProductSearch. More info on page 31.

PG DRIVES TECHNOLOGY

TVH is a worldwide distributor for PG Drives Technology

TVH collaborates with PG Drives Technology for the purchase and technical support of:

- Printed circuit boards
- Controllers
- Battery indicators
- Joysticks
- Programmers
- Displays
- …

PG DRIVES TECHNOLOGY
Driving Innovations for a Better Quality of Life

- PG Drives Technology is now also a renowned supplier of controllers for industrial vehicles such as lift trucks, aerial work platforms, sweepers and scrubbers, golf carts …
- In the cleaning industry, PG products are used by: RCM, Ghibli, Tennant, Kärcher, Windsor, Alto Clark, Nilfisk, Cleanfix, Numatic, Diversey, RPS and G-Matic.
- PG Drives Technology is the world's largest manufacturer of controllers for wheelchairs and mobility scooters.

For our complete product offer, see MyProductSearch. More info on page 31.

SmartSweep®

REF 140TA2232

Sweep your way through dust and dirt!

- Mechanical sweeper
- Can be mounted on all lift trucks
- Indoor and outdoor use
- Collects dirt and rocks
- Total weight capacity: 400 kg

- Cleaning width: 1524 mm
- Main brush width: 965 mm
- Main brush diameter: 305 mm
- Side brush diameter: 458 mm
- Waste collector capacity: 400 kg
- Waste collector content: 255 litres
- Pneumatic tyres: 136 x 464 mm
- Fits max fork dimensions: (W x T x L): 230 mm x 80 mm x length unrestricted
- Maximum fork spread measured over the forks: 510 mm
- Outer sweeper dimensions: (W x L x H): 1524 x 1749 x 936 mm
- Weight: 380 kg
- Centre of gravity: unloaded: 1010 mm
- Centre of gravity: loaded: 1220 mm

www.smartsweep.com

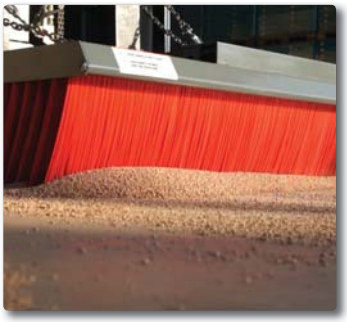
For our complete product offer, see MyProductSearch. More info on page 31.

LAZY SWEEPER®

Lazy Sweeper®

REF 141TA3256 - S
REF 140TA9035 - M
REF 140TA8360 - L

- Highly durable: no moving parts to break down
- Low cost of ownership: low bristle wear for long life - sweep up to ± 730 km before changing bristles
- Simple to use: connects to host vehicle in seconds
- Covers large areas efficiently: high output with low running costs
- Able to push bulk: mulch, timber scraps, plastic, granules, aggregates, etc. (Type M and L)
- Easy-change manuel replacement system



Specifications

Model	REF	Width (mm)	Brush rows	Weight (kg)	Bristle height (mm)
Lazy Sweeper® S	141TA3256	1220	5	20	200
Lazy Sweeper® M	140TA9035	1520	8	67	280
Lazy Sweeper® L	140TA8360	1830	11	109	280

For our complete product offer, see MyProductSearch. More info on page 31.

HYDRO SWEEPER & MAGNETIC SWEEPER

Hydro Sweeper

REF 138TA4373 - With waterjet system 12 V
REF 138TA4374 - With waterjet system 24 V
REF 138TA4545 - Without waterjet system

Your ideal partner for DUST-FREE CLEANING

- Industrial broom
- Waterjet system
- Brushes hydraulically driven
- Folding side brush
- Can be fitted quickly and easily onto most lift trucks

Magnetic Sweeper

REF 107TA6256 - Ground clearance 25-75 mm
REF 107TA6257 - Ground clearance 25-125 mm

Any industrial truck without a Magnetic Sweeper is only doing half the job!

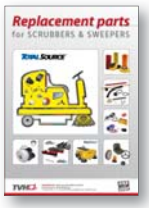
- Exclusive insulation process used to prevent internal damage on impact
- Packed with highest strength magnets
- Magnets mounted to steel frame
- 1/2" eyebolts mounted to inner steel
- 1/2" aluminium end caps secured with tension pins

For our complete product offer, see MyProductSearch. More info on page 31.

CATALOGUES

Replacement parts for scrubbers & sweepers

This catalogue gives you a useful overview of our solutions and parts for scrubbers and sweepers. You will find detailed information on the available parts for more than 100 machines of 12 different brands, including Tennant, Advance, Hako and Nilfisk.



Replacement parts for scrubbers & sweepers
REF 18538625

Consumables & accessories catalogue

In our new catalogue Consumables & accessories we show you on more than 500 pages our range of parts for safety, maintenance and repair, and accessories you need in your workshop or in the field. This new catalogue, in combination with all our other catalogues, gives you an overview of our extensive product range.

Consumables & accessories catalogue
REF 19524706

CATALOGUES & PRODUCT SPECIALS

Catalogues & Product specials

TVH has a wide range of catalogues. Each catalogue gives you information about one or more specific product groups or two related product groups from our range. Visit our webpage or order your free copy*:
www.tvh.com/catalogue

- **REF 16865558** Accessories & handling equipment catalogue
- **REF 19524706** Consumables & accessories

- **REF 15262190** Batteries, chargers & accessories
- **REF 7901151** Brushes
- **REF 9103419** Bulbs
- **REF 15282597** Chains & accessories
- **REF 10185471** Contactors & contacts
- **REF 8255616** Engine parts
- **REF 10727802** Exhaust systems
- **REF 9103420** Fuses & fuse holders
- **REF 10550844** Hand pallet truck parts
- **REF 14702080** Hydraulic system parts
- **REF 10195714** Key switches
- **REF 12594102** Labels & decals
- **REF 12410757** LPG system parts
- **REF 7872482** Mast rollers
- **REF 7882672** Paint & accessories
- **REF 7835233** Potentiometers & encoders
- **REF 7083552** Relays
- **REF 18538625** Replacement parts for scrubbers & sweepers

- **REF 14089352** Rubber tracks
- **REF 13991397** Seats & accessories
- **REF 6252659** Starters & alternators
- **REF 14329675** Tail lift parts
- **REF 13969763** Tyres, rims, rubber tracks & accessories
- **REF 7072186** Wheel brake & master cylinders
- **REF 6781097** Wheels, rollers & castors

- **REF 14691770** Fluke
- **REF 12726578** Replacement parts suitable for Genie
- **REF 15069637** Replacement parts suitable for Haulotte
- **REF 12613028** Replacement parts suitable for JLG

- **REF 19550200** Industrial equipment parts & accessories
- **REF 16757488** Parts Magazine

- **Filters**

Only available in MyProductSearch

myPS MyProductSearch

*1 free copy per customer.
For our three largest parts catalogues, Exhaust systems, Hydraulics and Starters & Alternators, we charge 5 euro per copy.

Product Specials

We gladly keep you informed of our extensive product range. In addition to our catalogues we therefore also present you with our Product specials: useful digital brochures that will guide you within specific product categories. Save this link in your favourites. You will regularly discover new e-folders with numerous innovations.
www.tvh.com/productspecials

- **REF 17857457** Beta quality tools & workwear
- **REF 14286693** Brake fluids, mineral & transmission oils
- **REF 14372877** Document & accessories holders

- **REF 18253535** Drum handling
- **REF 14616237** Forks & accessories
- **REF 18805081** Hardware special
- **REF 18178749** Jacks & supports
- **REF 15765795** Light special
- **REF 18380005** Maintenance special
- **REF 16611497** Mirror special
- **REF 17868205** Press special
- **REF 17783573** Pressol, lubrication & garage equipment
- **REF 18666614** Safety & ergonomics
- **REF 14836726** Seats & accessories
- **REF 18795192** Skips, scoops & crane jibs
- **REF 19550195** Twistlocks
- **REF 15372984** Tyres & accessories
- **REF 18329658** Weighing special
- **REF 18545076** Window special
- **REF 18663385** Winter products

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Your free interactive online webshop for spare parts

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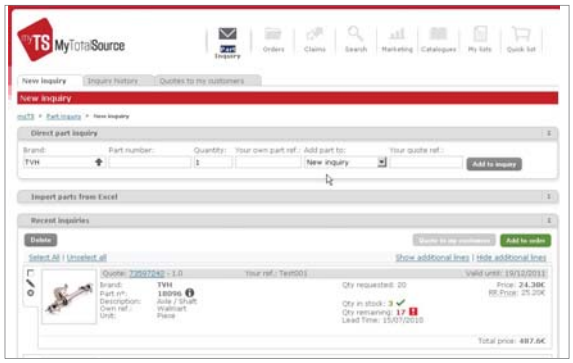
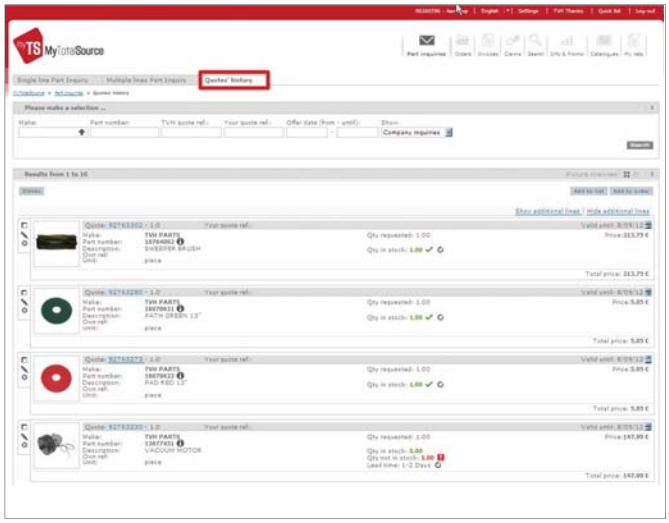


- ***Single line part inquiry**: for a quick price and lead time of only 1 item*
- ***Multiple lines part inquiry**: for price and lead time of several parts*
- *Instant price, availability and picture*

*View your quotes up to 1 year back in the tab "**Quotes' history**". Trace your quote by means of the easy search fields.*



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Discover the **new 4-steps order system:**

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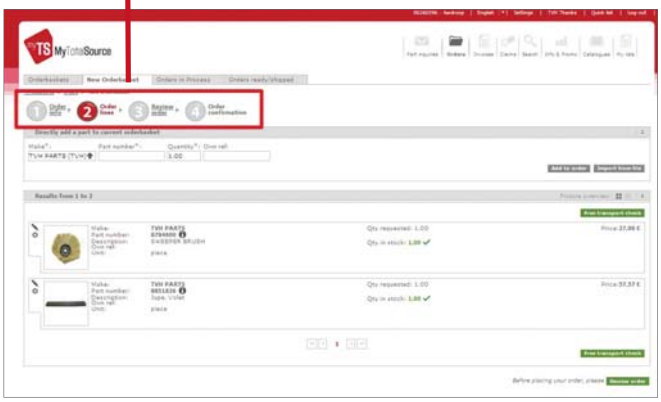
2) Change your order
3) View your order
4) Finalize and confirm your order



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MYPARTSFINDER & MYPRODUCTSEARCH

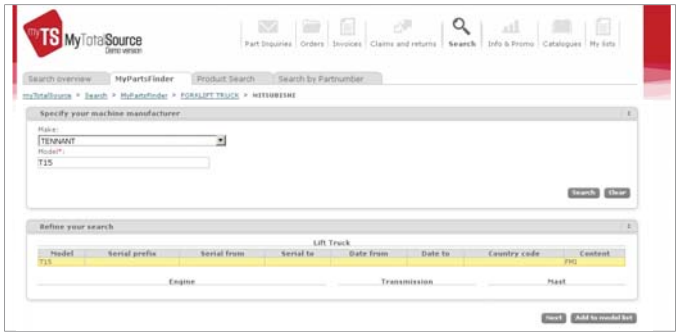
MyPartsFinder & MyProductSearch

The user-friendly search modules MyPartsFinder and MyProductSearch allow you to always find the correct part. Go now to MyTotalSource and click on "Search" to find these search modules.

MyPartsFinder
Search part numbers by brand, type and serial number of your machine.

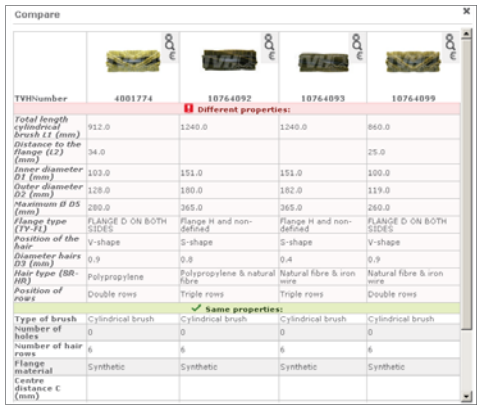
MyProductSearch
Search part numbers by dimensions and technical data.

MyPartsFinder
Search parts for every brand based on machine details.



MyProductSearch
Find your parts for scrubbers & sweepers

Choose your product



For your information:
When you have no machine details or no reference on the part you are looking for, you can fill in a **technical sheet**. The sheets are available in the catalogues or you can ask your TVH sales advisor.

INDUSTRIAL EQUIPMENT PARTS & ACCESSORIES

Parts for aerial work platforms

Parts for telehandlers & rough-terrain trucks

Parts for scrubbers & sweepers

Parts for reachstackers & empty container handlers

Parts for terminal/yard tractors

Parts for sideloaders

Parts for people & load carriers

Parts for truck-mounted forklifts

Parts for tow tractors

Parts for tail lifts

Parts for attachments

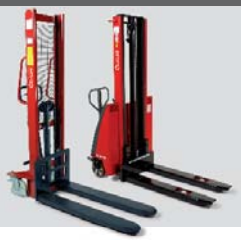
Parts for handling equipment

INDUSTRIAL EQUIPMENT PARTS & ACCESSORIES

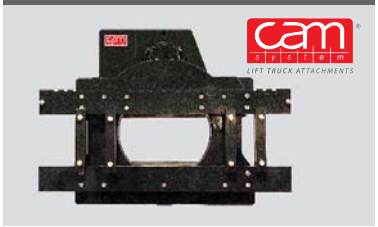
Hand pallet trucks, scissor hand pallet trucks & hand trolleys

Manual & electric lift tables

Manual & semi-electric stackers



Rotators



Hydraulic attachments

Sideshifters

Mechanical attachments

Skips, scoops & crane jibs

SmartSweep®, Lazy Sweeper®, Magnetic Sweeper & Hydro Sweeper

Rubber tracks, undercarriage parts, ground support & stabilizer plates

Jacks & supports

Warehouse accessories

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TVH@TV

Watch us on TVH@TV

We want to keep you as well-informed as we possibly can. Therefore, we have been making movies about our products and services that could use some extra explanation. This way you have an even better overview of what we can offer you. You can find all our videos on www.tvh.tv.

Go now to **www.tvh.tv** to watch the movie of the SmartSweep®, Lazy Sweeper® and many more.

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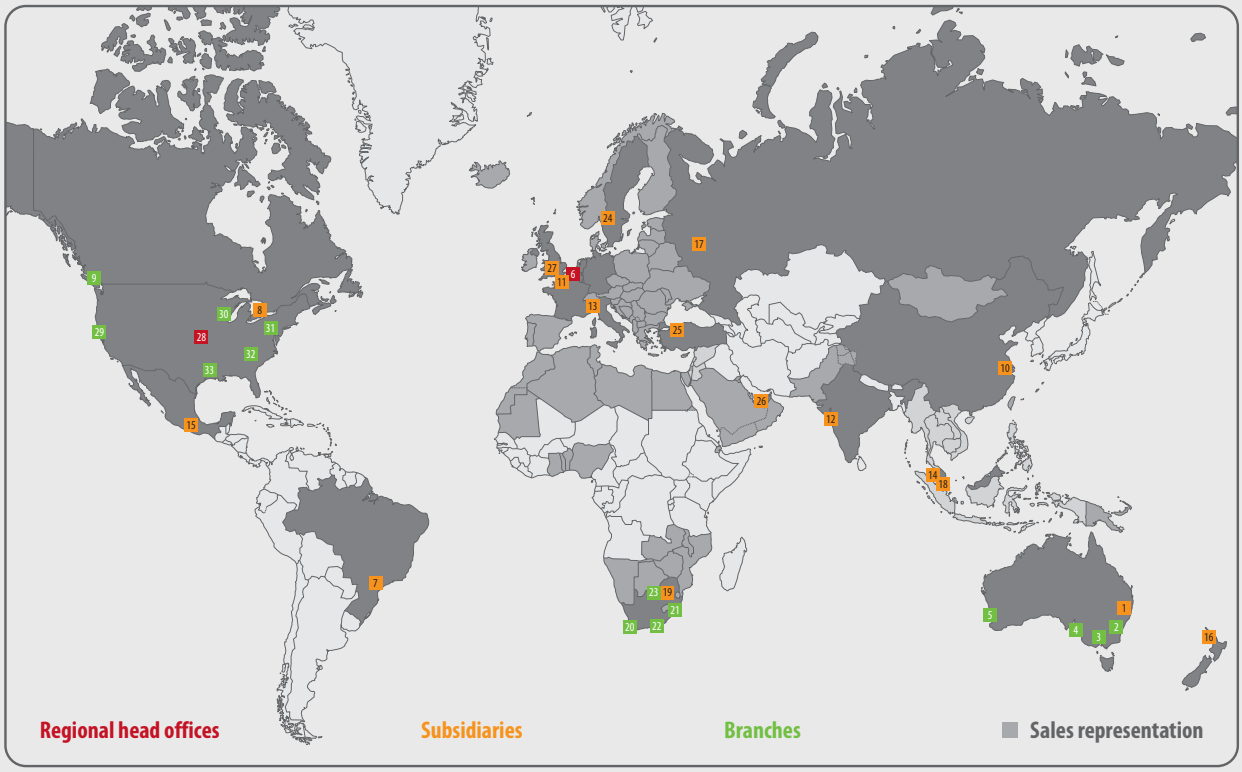

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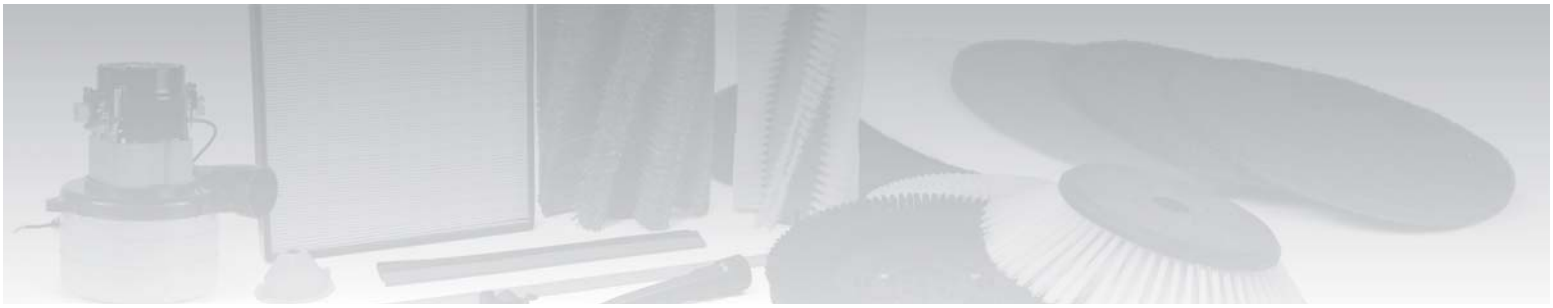

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