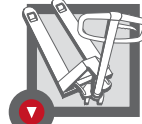




FORKLIFT
DIVISION



PARTS
DIVISION



HANDLING
EQUIPMENT
DIVISION



RENTAL
EQUIPMENT
DIVISION



SERVICE &
REPAIR
DIVISION

Specials > 2008



Index



PARTS DIVISION

› TEL +32 56 43 42 11
› FAX +32 56 43 44 88
› E-MAIL parts@tvh.com

TOTAL SOURCE®
Parts and Accessories



Parts Division

5-45 / 60-63

General	5-15	› Smart.ON	28
› References and brands	5	› Float valves	29
› TVH Quick Source	6-7	› Tyres	30
› Product groups	8-11	- Solid cushion tyres & tyre press	30
› New product groups	12-13	› Seats / Seat heating	31
› New, reconditioned or second-hand parts	14	› Bearings & hardware	32
› Service exchange parts	14	› Special chains with plastic inner or outer leaves	33
› Quality	15	› Valves	34-35
Products	16-45	› Side shifts / Attachments	36-37
› Electronics	16-18	› Forks	38
- Electronic department	16	› Panoramic mirror	39
- A selection of our testers	17	› Oil seal tool kit	39
- Electronic component cleaner	18	› Absorbing materials / Sealing products	40
› Horizontal pre-cleaner / Safe-T-Lock™	19	› BETA tools	41
› Back-up alarms & horns	20-21	› BETA clothes	42
- Safe-T-Alert back-up alarm	20	› BETA safety shoes	43
- bbs-tek™ back-up alarm & horns	21	› Accessories for aerial platforms	44
› Lights	22-23	› Scale models	45
› DC/AC convertors	24	Why work with TVH?	60-63
› Battery chargers	25	› What can you expect from TVH Parts Division?	60
› SmartBlinky – Cyclops	26	› Catalogues	61
› Water filling pistols	26	› Trade fairs	62
› HydroFill	27	› Contacts Parts Division	63
› HydroPure	27		

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All offers and pricing contained in this catalogue were correct at the time of publication (February 2008), however, TVH Forklift Parts N.V. reserves the right to review pricing and availability at the time of ordering.



FORKLIFT DIVISION

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Forklift Division

46-51

> Our export salesteam	46
> Purchase	46
> Used forklifts	47-49
> Used clamps	49
> Used aerial platforms	50
> Loading ramp LR TN 100	51
> Our used stock on-line	51



HANDLING EQUIPMENT DIVISION

- > TEL +32 56 43 48 20
- > FAX +32 56 43 49 20
- > E-MAIL handling@tvh.com



Handling Equipment Division

52-59

> Handling your business!	53	> New products!	57
- Hand pallet truck	53	- Mechanic lifter	57
- Stainless steel hand pallet truck	53	- Lifting tables	57
- Scissor hand pallet truck	53	- Special hand pallet truck	57
- Weighing hand pallet truck	53	> Climax Handling Equipment	58-59
> Stacking your business!	54	- Galvanised hand pallet truck	58
- Manual stacker	54	- Stainless steel hand pallet truck	58
- Electric stacker	54	- Weighing hand pallet truck	58
- Ergonomic stacker	54	- Manual scissor hand pallet truck	58
> Loading & lifting your business!	55-56	- Electric scissor hand pallet truck	58
- Safety trestle	55	- Manual stacker	58
- Ramps for forklift trucks	55	- Semi-electric stacker	59
- Safety jack	55	- Electric stackers	59
- Hydraulic jacks	56	- Electric pallet trucks	59
- Lightweight hydraulic jack	56		
- Stands	56		

Foreword



Dear customer,

TVH has released a brand-new brochure 'Specials 2008' for you!

As recent studies have shown us, our clients are enthusiastic to learn more about our novelties. We are eager to meet your wishes and are pleased to introduce our **new products** and services to you in a yearly magazine, of which you are now holding the first version.

This brochure highlights several new products such as the DC/AC converter (Parts Division), the safety trestle (Handling Equipment Division), the loadramp (Forklift Division), and more...

TVH's mission is to offer you a maximum satisfaction by offering the right product at the most competitive price with a guaranteed quick delivery. There is no doubt that this brochure will bring us closer to achieving that goal.

The Parts Division of TVH is committed to be a **leading supplier, globally spread** and therefore **easy to reach**. TVH is your true one-stop shop for material handling equipment, aerial platforms and other in-plant industrial vehicles.

Take a look at our new brochure and discover the new products and services that will help you lifting your business.

Kind regards,

Filip Goethals,
Sales Manager

Parts Division – General

References and brands

TVH offers you 450 000 spare parts in stock and over 11 000 000 known references.

A computer-controlled stock management, professionally trained people and a wide range of products lead to a fast and complete solution. Wherever you are, we supply your parts within 24/48 hrs.

With our extensive range we try to meet your needs as much as possible. We can offer you parts for the following groups:

Forklift Trucks



Aerial Platforms



Handling Equipment



Telescopic Forklifts



Truck-mounted Forklifts



Attachments



Tow Tractors



Sweepers and Scrubbers



Tail Lifts



Rubber Tracks



TOTALSOURCE®
Parts and Accessories

› **450 000** stock items

› **11 000 000** known references

- › Aichi
- › Allis Chalmers
- › Artison
- › Atlet
- › Balkancar
- › Baumann
- › Bobcat
- › Bolzoni
- › Bonser
- › Boss
- › BT
- › Bulli
- › BV Vestergaard
- › Caterpillar
- › Clark
- › Cesab
- › Climax Coventry
- › Conveyancer
- › Crown
- › Datsun
- › Desta
- › Dieci
- › Fenwick
- › Fiat
- › Genie
- › Grove
- › Halla
- › Hangcha

- › Hangzhou
- › Haulotte
- › HC
- › Heli
- › Henley
- › Hyster
- › Hyundai
- › Icem
- › JCB
- › JLG
- › Jungheinrich
- › Kalmar LMV
- › Kalmar-Climax
- › Kalmar-Irion
- › Kentruck
- › Komatsu
- › Kooi Aap
- › Lafis
- › Lancer Boss
- › Lansing
- › Lifter
- › Linde
- › Lugli
- › Manitou
- › Matral
- › MIC
- › Niftylift
- › Nissan
- › Nyk-Nichiyu
- › OM
- › OMG
- › Patria
- › Peg - Fenwick
- › Pimespo
- › Prat
- › Rocla
- › Salev
- › Saxby
- › Sichelsmidt
- › Skyjack
- › SMV
- › Stam
- › Steinbock
- › Still
- › Stocklin
- › SVE Truck
- › Tailift
- › TCM
- › Tecnocar
- › Toyota
- › Upright
- › Wagner
- › Yale
- › Yang - Yam - Puma

TVH Quick Source



Go on-line with Europe's
biggest one-stop-shop
for forklift parts!

VERSION 5.2

**Order your
free CD-ROM**

REF 115TA7014
(In 17 languages)

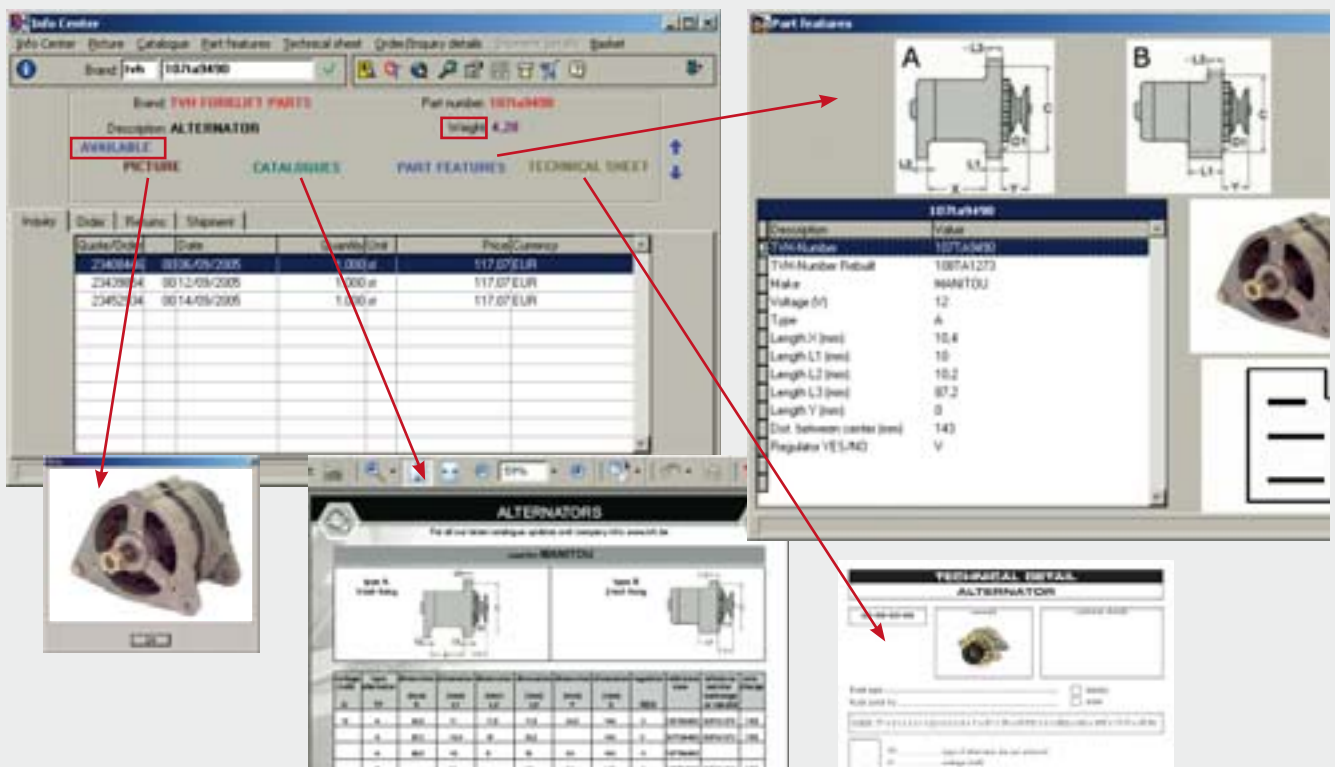
On-line inquiry & order

- › Inquiries/orders with or without part number.
- › Available 7d/week, 24 hours/day.
- › On-line search for part numbers of all truck models (more than 4 800 truck types).
- › Available in 17 languages and used in more than 100 countries.
- › Includes all interactive catalogues.

To find out how to install the new version of **TVH Quick Source** and learn more about the new features, visit our web page www.tvh.com/quicksources or contact the e-commerce department on **+32 56 43 48 66** or ecommerce@tvh.com

Did you know that with the version TVH Quick Source 5.2 you can...

- ... now also select these **NEW LANGUAGES**: Polish, Czech, Romanian, Hungarian, Turkish, Swedish, Norwegian, Finnish, Danish and Lithuanian?
- ... call up our **SPECIALS** and **PROMOTIONS**?
- ... look up **RUBBER TRACKS**?
In our TVH Quick Reference database you can search for 206 brands and 2381 types of rubber tracks.
- ... look up parts of **AERIAL PLATFORMS**?
In our TVH Quick Reference database you can search for 8 different brands and 341 types of aerial platforms.
- ... **FILE** your **COMPLAINTS** and **RETURNS** on-line?
Clicking on a few buttons will enable you to register your complaint in swift and easy manner.
- ... find an **OVERVIEW** of your **COMPLAINTS** and **RETURNS**?
You can check history and details of every complaint as well as your contact person handling the complaint.
- ... **PRINT** and **OVERVIEW** your outstanding **INVOICES** as well as invoices that have been paid already?
- ... trace all your **BACK ORDERS**?
Clicking on a single button will show you a list of your back orders with the relevant delivery term.



Electrical supply and accessories



- > Batteries and chargers
- > Battery accessories
- > Safety products
- > Electric cables
- > Battery connectors
- > DC-DC convertors

Electrical control systems and components



- > Switches and accelerators
- > Emergency switches
- > Relays
- > Fuses
- > Contactors
- > Lift truck electronics

Electrical equipment and accessories



- > Hour meters and battery indicators
- > Horns and back-up alarms
- > Signals, lighting and bulbs
- > Electronic accessories
- > Ex-proof accessories

Electrical motor and parts



- > Motors and armatures
- > Brushes, springs and holders
- > Electric motor parts
- > Electric brakes
- > Electric fans
- > Universal pump motors

- › Hoses and accessories
- › Pumps
- › Distributor valves, slices and handle kits
- › Fittings and seals
- › Pump units
- › Steering units

Hydraulics



- › Starters and alternators
- › Key switches and keys
- › Ignition and carburation
- › LPG parts
- › Fuel systems diesel / gasoline

Starters, ignition and fuel systems



- › Engine parts
- › Filters
- › Exhaust systems
- › Cooling system parts

Engine, filters, cooling and exhaust



- › Steering parts
- › Transmission & drive axles

Drive train and steering



Brakes and cables



- > Hydraulic brake parts
- > Air brake parts
- > Brake pads and shoes
- > Cables

Tyres, wheels and castors



- > Tyres
- > Rims
- > Wheels
- > Castors

Upright parts, forks and attachments



- > Upright parts
- > Forks
- > Mast rollers
- > Chains
- > Attachments

Cabs, seats and hoods



- > Cabs and parts
- > Cab heaters
- > Wipers
- > Gas springs
- > Mudguards
- > Pedal pads
- > Seats
- > Hood and chassis parts

- › Hardware
- › Maintenance
- › Oil and greases
- › Paint and accessories
- › Warehouse & workshop tools

Workshop, service and safety



- › Pallet truck parts
- › Seal kits

Pallet truck parts



- › Sweepers
- › Brushes
- › Vacuum motors
- › Accessories

Sweepers and parts



- › Scale models
- › Order forms
- › Catalogues
- › Various marketing items

Marketing products



New product groups



Parts for Aerial Platforms

Suitable for:

- > Aichi
- > Dinolift
- > Genie
- > Grove
- > Haulotte
- > JLG
- > Skyjack
- > Upright
- > Snorkel
- > Manitou-Maniaccs
- > ...



Parts for Telescopic Forklifts

Suitable for:

- > Manitou-Maniscopic
- > Merlo
- > Dieci
- > Caterpillar
- > JCB
- > Sanderson
- > Bobcat
- > Sambron
- > Komatsu
- > Terex
- > Matbro
- > JLG
- > Genie
- > ...



Parts for Truck-Mounted Forklifts

Suitable for:

- > Moffett-Kooi
- > Manitou-Manitransit
- > Palfinger-Terberg
- > Kinglifter
- > ...



Parts for Attachments

Suitable for:

- > Cascade
- > Bolzoni
- > Auramo
- > Kaup
- > Meyer
- > Wifo
- > Cam
- > Roncari
- > Atib
- > Seith
- > Stabau
- > ...

Parts for Tow Tractors

Suitable for:

- > Charlatte
- > Clark
- > Cushman
- > Harlan
- > Linde
- > Mafi
- > Mol
- > Mulag
- > Nissan
- > OM Pimespo
- > Rofan
- > Spijkstaal
- > Still
- > Toyota
- > Tracma
- > Tiger
- > Terberg
- > Taylor Dunn
- > ...



Parts for Sweepers and Scrubbers

Suitable for:

- > Tennant
- > Hako
- > Power Boss
- > Nilfisk Advance
- > Dulevo
- > Kärcher
- > RCM
- > Comac
- > ...



Parts for Tail Lifts

Suitable for:

- > Dhollandia
- > Zepro
- > Erhel Hydris
- > ...



Rubber tracks

TVH is now also your specialist in the field of rubber tracks and rubber pads!

Send the make and type of mini-excavator, skid steer loader or dumper and we send you a custom-made offer.



Also available!
Rubber pads for steel tracks

New, reconditioned or second-hand parts

New parts

- > Parts and accessories that are new
- > 6-month guarantee

All possible spare parts and accessories.

Reconditioned parts

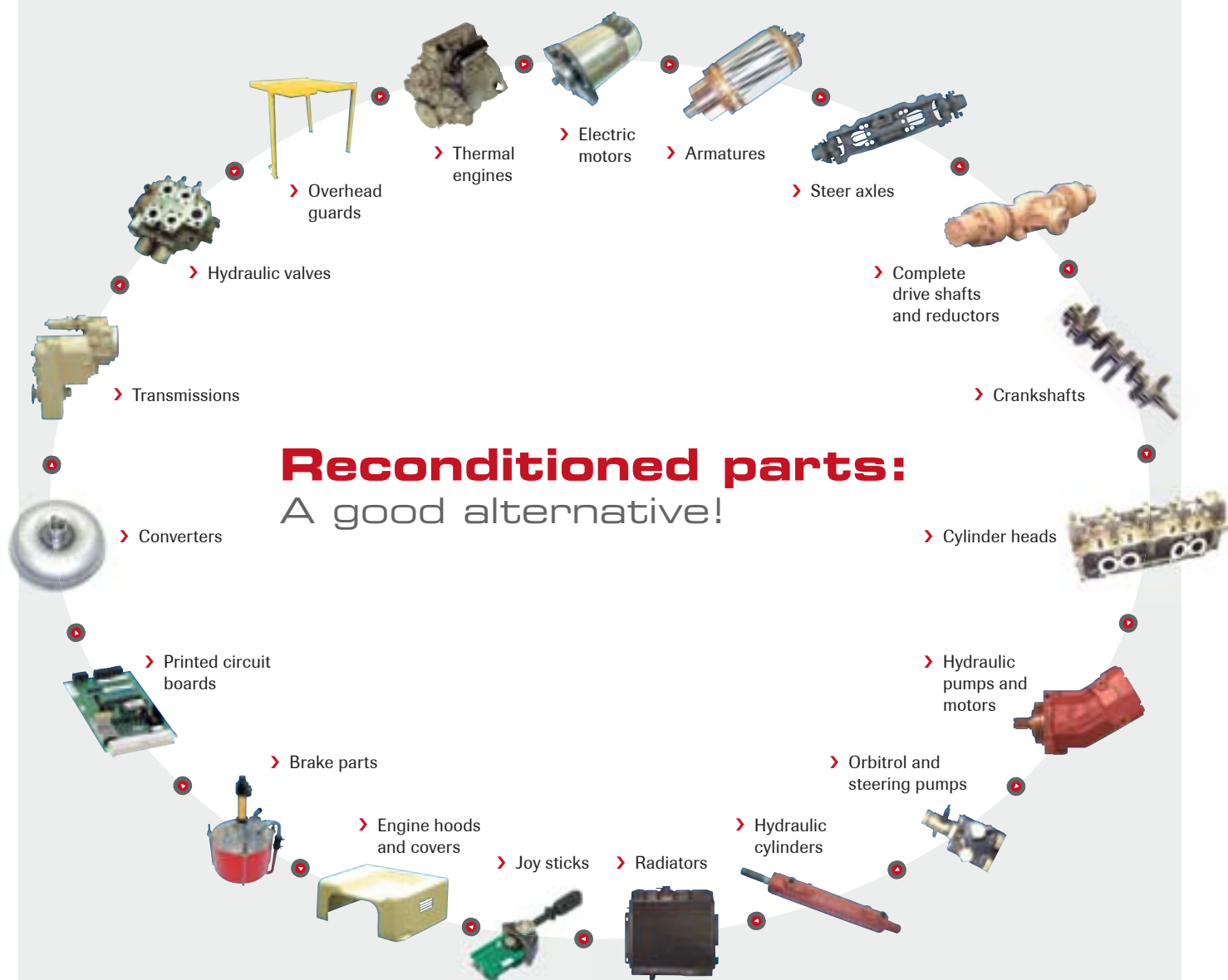
- > High-value parts that are restored to a "good-as-new" state
- > 6-month guarantee
- > Sold with or without return of old part

Examples: see below

Second-hand parts

- > Parts that are sold without restoration in the state as they are at that moment
- > Without guarantee period

Masts, attachments (clamp, side shift, rotator,...)



1. Supplier rating & sourcing

To be able to offer continuously the best quality to our customers, we use an extensive system to rate our existing suppliers and to source new products with new suppliers.

We rate all our suppliers on:

- Product quality (equal to OEM in use, life cycle and dimensions, with warranty on all parts)
- Packaging of the goods we order (packaging fitted for transportation, with minimal risk of damage)
- Overall supplier reliability (on-time deliveries, response time to our questions, pricing and availability of the products,...)

2. Sample testing

All samples we receive from our suppliers are subjected to profound testing in our Quality Control Department. Therefore we have invested in top-quality testing and measuring devices, such as a hardness tester, spectrometer, 3D-measurement, PCB testing installations, and several others.

All samples are measured, compared and tested. Some of them are built in machines to test in a real work environment.

Thanks to a new universal transmission testing bank, TVH can guarantee a high quality for all delivered transmissions.

The customer receives, together with his repaired transmission, a testing report on which all the measured pressures by several rpm are mentioned. Furthermore, the testing bank also tests with both cold and heated oil.

Spectrometer



1

2

3

3. Entry control & storage

A random check determines which parts per shipment will be tested. Parts are measured and tested, based on the information we have stored in our system in technical sheets, technical drawings, sample test reports, and spec sheets of that specific part.

This way, we can check the conformity of the shipment with the received samples and compliance with agreements made with supplier. Those results reflect back to the supplier rating system we have set up. If the quality of the pieces is approved, they get an internal code and label, are all individually packed and are put in stock under excellent warehouse conditions (humidity, temperature,...)

3D-measurement



Hardness tester

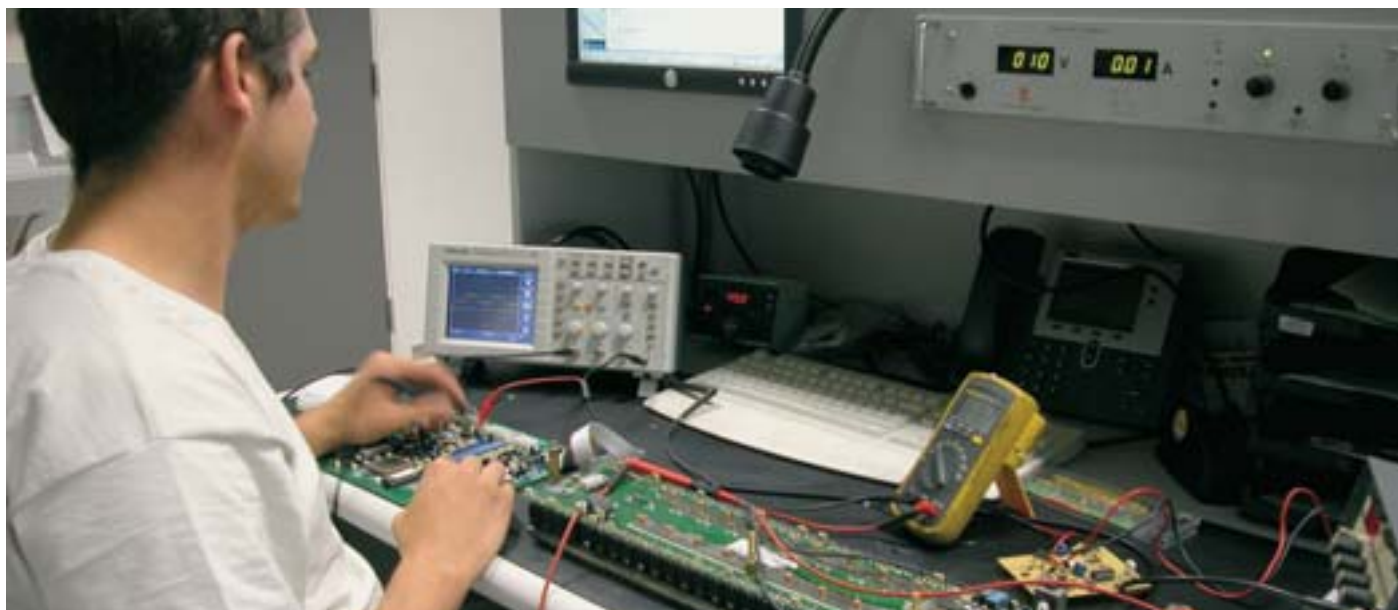


Transmission testing bank



Parts Division – Products

Electronics – Electronic department



We can offer you:

- › New (all makes)
- › Service Exchange
- › Repair

The Electronics Department is one of the fastest growing departments of TVH and has over 30 qualified electronic engineers to give you support and to repair all your electronic cards and controllers. Our repair programme is growing day by day and we keep on searching for the right people to give you the best service possible.

Did you know that:

- › TVH repairs over 10 000 cards a year.
- › All controllers are thoroughly load tested.
- › You get a 6-month warranty on all new, repaired and service exchange parts.
- › You can send us your own card/controller for repair if TVH has no new or service exchange available.
- › TVH also repairs:
 - joy sticks, displays, accelerators,...
 - electronic parts for aerial lifts.



Electronics - A selection of our testers

Tester used for Linde transistors and SKiiP modules

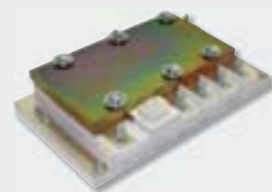
- › Tester: **REF 122TA8869**
- › Transistor: **REF 116TA5184**
- › SKiiP Module: **REF 128TA4027**



REF 122TA8869



REF 116TA5184



REF 128TA4027

Breakout box used for Linde trucks

- › Breakout box 25-pole: **REF 122TA8863**
- › Breakout box 29-pole with Saab (AMP) connector: **REF 122TA8864**
- › Breakout box 42-pole with Saab (AMP) connector: **REF 122TA8865**
- › Breakout box 55-pole: **REF 122TA8866**
- › Breakout box 121-pole AMP + Bosch connector: **REF 123TA6821**

A lot of "sealed" connectors prevent the engineer from carrying out measurements in a working lift truck. This breakout box offers you the possibility to carry out all measurements in a comfortable way.



REF 122TA8865

Zapi handset / Software + interface cable

- › Standard programmer: **REF 105TA4796**
- › Standard software + interface cable: **REF 127TA3794**
- › Zapi programmer used for:
 - BT: **REF 127TA3783**
 - Cesab: **REF 127TA3784**
 - Clark: **REF 127TA3785**
 - Crown: **REF 127TA3786**
 - Fiat: **REF 127TA3787**
 - Komatsu: **REF 127TA3788**
 - Linde: **REF 127TA3789**
 - Mitsubishi: **REF 127TA3790**
 - Montini: **REF 127TA3791**
 - Pimespo: **REF 127TA3792**
 - Rocla: **REF 127TA3793**



REF 105TA4796



REF 127TA3794

Clamp meter

REF 127TA3795

RMS readings in AC-mode 1000A AC/DC, 700VAC, 1000VDC, resistance, diode + continuity, backlight, analog bargraph, min/max, hold function, jaws lighting,...

- › IEC1010 & IEC1010-1-032 double insulation
- › CAT III 600V & pollution 2
- › Included: user manual, batteries and test lead



REF 127TA3795

Electronics -

Electronic component cleaner

NEW

- › Offers the service engineer the possibility to perform an efficient and time-saving cleaning of all electronic controllers, electric motors, batteries... (e.g.: cleaning the controller as shown on the picture only takes 5 min, consumption = \pm 1 litre)
- › Prevents moisture problems
- › Does not affect electronic components and does not cause corrosion or leakage currents
- › Excellent water-/dust-/oil-repellent
- › Product evaporates and does not leave a residue
- › Motors can be cleaned without being removed
- › Can be used to clean the electronic parts when buying a second-hand truck



Grafite gun

- › With compressed air connection (6-10 bar)



REF 127TA3797

Electronics cleaner

- › REF 127TA3798: 1L
- › REF 127TA3799: 5L
- › REF 127TA3800: 10L
- › REF 127TA3801: 30L
- › REF 127TA3802: 100L



REF 127TA3798

Procedure

- › Spray the part and let the product operate on the part for about three minutes.
- › Clean the part completely.
- › Remove residue by blowing out the part with compressed air.

Horizontal pre-cleaner / Safe-T-Lock™



REF 127TA3803

Horizontal pre-cleaner

This new air cleaner family offers two-stage filtration in a single, compact unit that delivers superior filtration performance. This non-metal air cleaner (except for cover clamps) is ideal for medium- and heavy-duty equipment operating in severe dust environments.

Applications:

- › Off-road equipment operating in medium to heavy dust conditions with engine airflow ranges up to 20 m³/min (700 CFM).
- › Oval housing shape allows for a narrow or wide mounting orientation. Models include end filter service access and side filter service access.

Features:

- › Improved engine protection: no media movement, expansion, contraction or bunching.
- › Improved filtration efficiency: three times more than the average conventional pleated filter.

The built-in mounting brackets eliminate the need to purchase separate mounting bands.



Prevents unauthorized use of your vehicle!



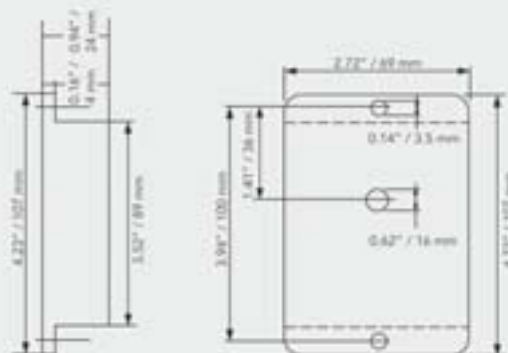
RoHs conform

REF 125TA5079

Safe-T-Lock™

Programmable code switch

- › 12-120 VDC.
- › Up to 99 different users/drivers.
- › Maintenance cycle – 250 “ON” hours. Unit will beep intermittently until reset.
- › Last user ID function – supervisor can easily identify the last operator.
- › Waterproof, IP65.



The **SAFE-T-LOCK™**, a new programmable code switch is now available. This switch prevents unauthorized use of your vehicle.

The STL 1000 switch accepts the input from 99 different users. If an accident occurs the supervisor can easily identify the last operator.

The **SAFE-T-LOCK™** also has an internal clock that records the operating hours and warns the user when the vehicle reaches the 250-hour mark.

It can also be connected through the seat switch to deactivate the vehicle after 3 minutes of inactivity.

Back-up alarms & horns

Safe-T-Alert back-up alarm



Safe-T-Alert 2000 series

Voltage	Volume	Reference
12 - 24 V	87 dB	REF 115TA6948*
12 - 80 V	87 dB	REF 115TA6949*
12 - 24 V	97 dB	REF 115TA6951*
12 - 48 V	97 dB	REF 115TA6952*
12 - 80 V	97 dB	REF 115TA6953*
12 - 24 V	102 dB	REF 115TA6955*
12 - 24 V	77 - 102 dB	REF 115TA6945**
12 - 48 V	77 - 97 dB	REF 115TA6944**

* conforms to SAE J994 type C or D | ** self-adjusting



Safe-T-Alert 2500 series

Voltage	Volume	Reference
12 - 80 V	87 dB	REF 123TA2002*
12 - 48 V	97 dB	REF 123TA2003*
12 - 24 V	102 dB	REF 123TA2004*

* conforms to SAE J994 type C or D



Safe-T-Alert 3200 series

Voltage	Volume	Reference
12 - 24 V	97 dB	REF 115TA6958*
12 - 24 V	107 dB	REF 115TA6959*

* conforms to SAE J994 type B or C

SAFE-T-ALERT®

Back-up alarms & horns

bbs-tek™ back-up alarm & horns

bbs-tek™ back-up alarm

The **bbs-tek™ BACKALARM®** uses multi-frequency broadband sound instead of the traditional single-frequency sound of a conventional alarm. The sound dissipates much quicker, is directional, and is localized in the danger zone, resulting in an enormous reduction in noise nuisance and complaints.

Operators involved in all types of vehicle movement from conventional road transport, including trucks, RCV's, buses and low loaders to off-road applications, including quarry vehicles, are already experiencing the unique benefits of the **bbs-tek™ BACKALARM®**.

Not only are noise nuisance and complaints considerably reduced, but the unique localization feature of the **bbs-tek™ BACKALARM®** means that in busy environments you can instantly tell where the sound is coming from and, therefore, which vehicle is reversing.

Voltage	Volume	Reference
12 - 24 V	82 dB	REF 111TA3741
12 - 24 V	87 dB	REF 111TA3742
36 - 80 V	82 dB	REF 111TA3743
36 - 80 V	87 dB	REF 111TA3744

Lifetime warranty

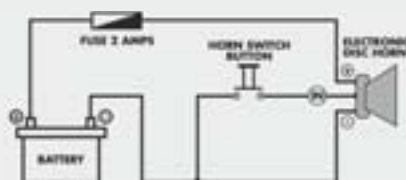
Limited noise,
big sound safety
all round



**bbs-tek™, it goes shh!
Not bleep!**

Electronic horn

- › 36/48V
- › Extra long life span
- › Volume: 112 dB
- › Diameter: 90 mm



REF 127TA3155

Low tone horn

- › Volume: 112 dB
- › Diameter: 90 mm
- › REF 107TA1178: 12V - 5A - 345 Hz
- › REF 106TA1408: 24V - 4A - 345 Hz
- › REF 111TA3927: 36/48V - 1A - 345 Hz
- › REF 111TA3929: 72/80V - <0.5A - 345 Hz



LED-technology provides extremely long life span, low power consumption and high resistance to shock and vibration.



REF 122TA7697

LED oval horizontal work light

- > Durable nylon housing, impact-resistant polycarbonate lens sealed against water, dust and corrosion
- > Eliminates costly bulb replacement, maintenance calls and downtime
- > Mounting 5/16" bolt
- > LED-light 12V-48V



LED rear combination light

- > Incorporates stop, tail, turn & back-up functions
- > Designed for extremely long life span
- > Completely sealed lamp, protection from water, dust,...

Kit = 2 lamps + 1 flasher

- > LED-light kit 12V REF 122TA7699
- > LED-light kit 24/36V REF 122TA7700
- > LED-light kit 48V REF 122TA7701

Lamps

- > 12V REF 122TA7702
- > 24/36V REF 122TA7703
- > 48V REF 122TA7704

Flasher

- > Flasher REF 122TA7705



REF 123TA1992

Meteorlite – ML5 – LED

- > Microprocessor controlled
- > Current draw 0.1 Amp
- > Epoxy filled base
- > Amber
- > Strobe light 12/80V

METEORLITE®



REF 123TA1991

Meteorlite – ML2 – LED

- > Microprocessor controlled
- > 60 ± 6 quad FPM
- > Current draw 0.1 Amp
- > Epoxy filled base
- > Amber
- > Strobe light 12/80V

METEORLITE®

Mini MagLite® LED and MagLite® LED

The new Mini MagLite® LED and MagLite® LED flashlight are crafted after the legendary (Mini) MagLite® flashlight. Its durability and patented features are now available with the new MagLED® Technology. For the mini MagLite® LED you can choose between the super bright 2-Cell AA for its smaller size or the longer 3-Cell AA with its even higher performance. The MagLite® LED is available in 2, 3 & 4 Cell D size.

The benefits include:

- > A powerful projecting beam
- > Balanced optics™
- > Intelligent energy source management (patent pending)
- > Candle Mode (only available for the Mini MagLite® LED)
- > Interchangeable Light Sourcing (only available for the MagLite® LED)
- > PLUS: All of the quality features professionals and consumers expect from a MagLite® flashlight:
 - Rugged, machined aluminium construction with knurled design.
 - Anodized inside and out for improved corrosion resistance.
 - Water and shock resistant.



- > 1. REF 127TA3813: Mini MagLite® LED
- > 2. REF 127TA3814: Mini MagLite® LED
- > 3. REF 127TA3815: MagLite® LED
- > 4. REF 127TA3816: MagLite® LED
- > 5. REF 127TA3817: MagLite® LED

Work Light 24V

- > Extreme shock and vibration resistance
- > Light source: 35W D2S Xenon-gas discharge lamp
- > Nominal voltage: 24V
- > Start: 24V 2.9A
- > Operation: 24V 1.7A
- > Operating temp: -40°C...+85°C
- > IP-rating: IP 68
- > Lens: hardened glass
- > Housing: aluminium
- > Ballast unit: integrated
- > Integrated Deutsch 2 pin



REF 127TA3818

Strobe light heavy duty 10/110 VDC

- > Strobe light 10/110VDC
- > Flash rate 75: ± 10 flashes/minute
- > Nominal power ± 5 Watts
- > Economic version: REF 127TA3819



REF 105TA4896

DC/AC convertors

Technical Specifications

- › Output voltage: 230VAC 50Hz
- › Modified sine wave
- › With ON/OFF-switch and LED-indicator
- › Input Protection:
 - Over and under voltage
 - Low battery alarm and shut down
- › Output Protection:
 - Short circuit
 - Over load
 - Over temperature

	12VDC	24VDC
Input voltage range	10.5 – 15.0 V	20.5 - 29.8 V
Low voltage shut down at	< 9.8 V	< 19.8 V
High voltage shut down at	> 15.6 V	> 30.1 V



REF 127TA3822

Max. continuous power (W)	Surge capacity (W)	Dimensions (mm) L x W x H	Input voltage (VDC)	Reference
150	300	165 x 100 x 55	12	127TA3820
			24	127TA3821
300	600	195 x 100 x 55	12	127TA3822
			24	127TA3823
500	1 000	235 x 100 x 55	12	127TA3824
			24	127TA3825
700	1 400	235 x 147 x 60	12	127TA3826
			24	127TA3827



REF 127TA3830

Max. continuous power (W)	Surge capacity (W)	Dimensions (mm) L x W x H	Input voltage (VDC)	Reference
1 000	2 000	265 x 180 x 75	12	127TA3828
			24	127TA3829
1 500	3 000	315 x 180 x 75	12	127TA3830
			24	127TA3831
2 000	4 000	395 x 180 x 75	12	127TA3832
			24	127TA3833



REF 127TA3834

Max. continuous power (W)	Surge capacity (W)	Dimensions (mm) L x W x H	Input voltage (VDC)	Reference
3 000	6 000	395 x 180 x 140	12	127TA3834
			24	127TA3835



REF 115TA6975

Accessory

Universal adaptor for use in UK, USA, Denmark, Switzerland, Middle East, South America, Russia, Germany, Egypt, Italy, Australia and Taiwan.

The new 3-phase range
of Energic Plus high
frequency chargers

NG5 / NG7 / NG9 / NG9 PLUS



Energic Plus high frequency chargers

New features

- › New technical solution for the board
- › New selection mode
- › New display
- › New bigger powers available:
 - 24V 200A
 - 36V 200A
 - 48V 135A



Why do high frequency chargers have success?

We are talking about “controlled” battery chargers: the battery charger is able to make the optimal recharge by succeeding in controlling and adjusting the current, the voltage and all the charging parameters as stated by the batteries manufacturers.

Advantages:

- › Exceptional charging quality
- › Longer life span of the battery
- › 15% of saving on the charging costs
- › Water consumption almost halved
- › Battery maintenance reduced of about 50%
- › Lower gas emissions
- › Weight and size about 10 times reduced: Every battery charger can be embarked

Technical specifications

The Three-phase Chargers NG5/7/9 are innovative devices with extraordinary versatility, reliability and efficiency. The high power and efficiency of these chargers assures the user of **considerable energy savings** with subsequent **economic benefit**. Thanks to this **advantage**, the investment in high frequency products is quickly amortized. Energic Plus (hf) chargers are classified amongst the products with the best quality/price ratio on the market.

IULa charging curves								V	I1-Imax	Model	REF. Acid	REF. Gel
Selector adjustment												
0	1	2	3	4	5	6	7					
What time do you have available to charge your battery?												
Charging times (hours)												
11/12	10.5	9.5	9	8	7.5	7	6.5					
960Ah	880Ah	800Ah	720Ah	640Ah	560Ah	480Ah	400Ah	24 V	100A	NG5	127TA3886	127TA3901
1 150Ah	1 055Ah	960Ah	865Ah	770Ah	670Ah	575Ah	480Ah		120A	NG9	127TA3887	127TA3902
1 920Ah	1 760Ah	1 600Ah	1 440Ah	1 280Ah	1 120Ah	960Ah	800Ah		200A	NG9 PLUS	127TA3888	127TA3903
960Ah	880Ah	800Ah	720Ah	640Ah	560Ah	480Ah	400Ah	36 V	100A	NG5	127TA3889	127TA3904
1 630Ah	1 495Ah	1 360Ah	1 225Ah	1 090Ah	950Ah	815Ah	680Ah		170A	NG9 PLUS	127TA3890	127TA3905
770Ah	705Ah	640Ah	575Ah	510Ah	450Ah	385Ah	320Ah	48 V	80 - 95A	NG5	127TA3891	127TA3906
960Ah	880Ah	800Ah	720Ah	640Ah	560Ah	480Ah	400Ah		100A	NG7	127TA3892	127TA3907
1 150Ah	1 055Ah	960Ah	865Ah	770Ah	670Ah	575Ah	480Ah		120A	NG9	127TA3893	127TA3908
1 295Ah	1 190Ah	1 080Ah	970Ah	865Ah	755Ah	650Ah	540Ah		135 - 160A	NG9 PLUS	127TA3894	127TA3909
670Ah	615Ah	560Ah	505Ah	450Ah	390Ah	335Ah	280Ah	72 V	70 - 85A	NG7	127TA3895	127TA3910
865Ah	790Ah	720Ah	650Ah	575Ah	505Ah	430Ah	360Ah		90 - 110A	NG9	127TA3896	127TA3911
480Ah	440Ah	400Ah	360Ah	320Ah	280Ah	240Ah	200Ah	80 V	50 - 60A	NG5	127TA3897	127TA3912
770Ah	705Ah	640Ah	575Ah	510Ah	450Ah	385Ah	320Ah		80 - 100A	NG9	127TA3898	127TA3913
385Ah	350Ah	320Ah	290Ah	255Ah	225Ah	190Ah	160Ah	96 V	40 - 50A	NG5	127TA3899	127TA3914
530Ah	485Ah	440Ah	395Ah	350Ah	310Ah	265Ah	220Ah		55 - 65A	NG7	127TA3900	127TA3915

SmartBlinky – Cyclops



REF 128TA3443

'The clever way to manage battery watering'

The biggest problem in battery maintenance is knowing when to fill the batteries with water.

Time is often wasted when inspecting and topping up batteries that do not require filling, while batteries left under-filled can suffer costly permanent damage.

The SmartBlinky – Cyclops is the new revolution in advanced technology battery watering!



"The SmartBlinky – Cyclops has a LED mounted in a housing that is located behind the battery plug. This will allow the operator to visually check the electrolyte-level, every time the battery is disconnected from the charger."

- **Safest electrolyte level monitor on the market:** Low voltage (4V nominal) - fuse protected - low current draw - internationally certified
- **Easy to see and to use:** A green light means the electrolyte level is OK; a red light means it is time to water the cells.
- **Protects your battery investment:** The SmartBlinky – Cyclops helps protect against battery dry-out.
- **Gives bright, unambiguous signals**
- **Engineered to be durable:** The SmartBlinky – Cyclops is built to withstand the harsh environment of industrial battery applications.
- **Inexpensive and cost effective:** Over a battery lifetime, the SmartBlinky – Cyclops saves a surprising amount of time – or labor cost – and delivers a rapid return on investment.

Water filling pistols

Most industrial batteries need to be topped up with water regularly. Topping up batteries with hoses, watering cans, jugs, or other containers can be dangerous and inaccurate. Water and acid may be spilled or splashed onto the operator and batteries may be over or under filled.

WateringGuns fill battery cells with water and automatically shut off when the electrolyte reaches the correct level. The guns can connect to our HydroPure deionisers, HydroFill watering cart, or suitable mains water supply. The WateringGun is compact, lightweight and easy to operate. Set the level control, open the flip top vent and insert the nozzle. Squeeze the trigger until the shutoff occurs and then release the trigger.

- Quick and efficient filling of batteries
- Reduced labour costs
- Automatic shutoff
- Improve filling accuracy
- Improve operator safety

WateringGun B

- Automatic shutoff and regulator
- 22 mm nozzle, fits most batteries
- High flow rate - 7.6l per minute
- Attaches to any standard hose (quick connect fittings included)



REF 124TA1724

WateringGun C

- Automatic shutoff
- 16 mm nozzle, for small vent openings
- Steep bend for limited access applications



REF 124TA1725

WateringGun G

- Automatic shutoff
- 16 mm nozzle, for small vent openings



REF 124TA1726

WateringGun N

- Automatic shutoff
- Extra narrow 12 mm nozzle



REF 124TA1727

WateringGun R

- Automatic shutoff
- Extra narrow 12 mm nozzle
- With 228 mm extension



REF 124TA1728

WateringGun S

- For watering transparent jar type stationary batteries
- Gun operates outside the cell
- Does not have automatic shutoff



REF 124TA1729

HydroFill



REF 127TA3873

'No matter where your battery is, you can fill it!'

Most industrial batteries need regular watering but it is often difficult to bring the battery to an adequate water supply for refilling. Batteries and trucks can often be located in separate areas on site and this often leads to wasted time and improper watering.

With the HydroFill water can be transported to the battery wherever required. The HydroFill is a battery powered cart that is used with our WateringGuns or float filling system to top up batteries. The operation is simple, you just top up the cart with a deioniser unit, bottled water, from the tap (if suitable for topping up batteries), attach to topping system, turn on the cart and you're ready to go.

- Easy transportation of water to the battery
- Inbuilt pump and battery
- No long wires or hoses
- Perfect for small fleets

1. Easy to manoeuvre: handles like a hand truck
2. Easy to use: instructions on unit
3. Easy to fill: large opening
4. Sturdy 30 litre tank
5. ON/OFF switch located on the rear of the unit
6. 3 metre hose attaches to all our WateringGuns
7. Sealed rechargeable battery is included. Charge the unit from any 230VAC outlet with the provided charger.

HydroPure



REF 127TA3874

'Make buying distilled water a thing of the past'

The HydroPure is a low cost deioniser system that allows you to make pure water straight from the tap! Make your own pure water directly from your tap water. This deioniser reduces the high price of buying bottled water and it's more convenient as well. Each disposable cartridge purifies about 2400 litres of water and the purity light will tell you exactly when the cartridge is used up.

- HydroPure 300: deioniser system complete supplied with DC battery powered purity light and 1 replaceable cartridge: **REF 127TA3874**
- Replacement deioniser cartridge for 300/400: **REF 127TA3875**

Specifications

Flow rates	
Maximum intermittent flow	8 litres/min
Maximum continuous flow	2 litres/min
Output	
Maximum output (input purity 50ppm)	5760 litres
Typical output (input purity 120ppm)	2400 litres
Poor water output (input purity 250ppm)	1150 litres
Maximum input pressure	80 psi
Cartridge resin volume	4.5 litres
Indication	
Purity light indication water OK	Steady green flash
Purity light indication water BAD	Double red flash
Purity light OK max threshold	50 ppm

- **Professional quality deionisers:** Not just a filter, which only removes particles, but a real ion-exchange medium which electrostatically removes dissolved impurities. Purity is comparable with distilled water and ideal for batteries
- **Large capacity:** The cartridge is rated for 2400 litres of pure water.
- **Purity light:** This "magic eye" monitors the conductivity of the output water continuously and signals when it is time to change the cartridge.
- **Pressurised system, easy installation, easy cartridge replacement**

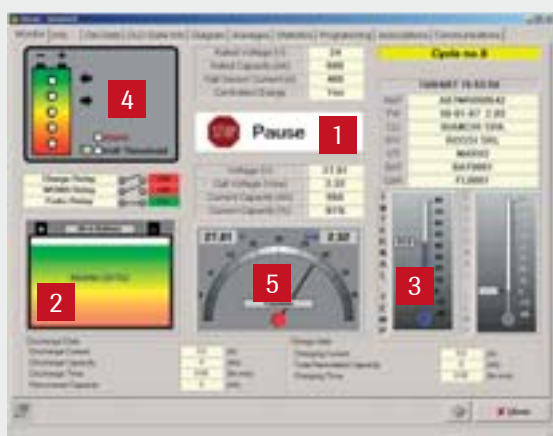


Monitoring device for traction and stationary batteries.

History files of work cycles, voltage and current graphs.

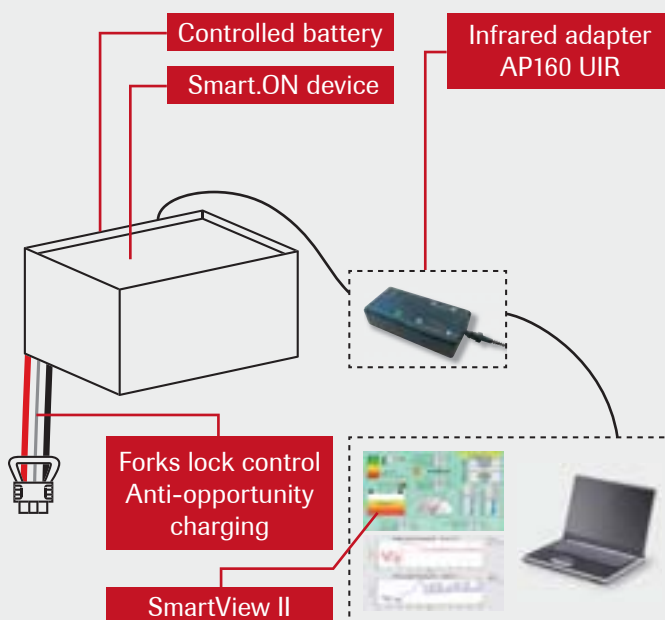
For the entire life span of battery Smart.ON monitors the following data:

- > Voltage
- > Current
- > Capacity
- > Temperature



Software SmartView II

1. System status
2. Battery level indicator
3. Smart.ON inside temperature
4. Smart.ON panel
5. Battery voltage



- > Measured instantaneous data: V, I, T, and A
- > Storage and analysis of history data
- > Statistics analyses
- > Data download onto a PC
- > Graphic display of voltage and current
- > Programming of charging and discharging parameters

Description	Ah Battery	Reference	Optional accessories		
Version 24/36/48 Volt	≤ 170	127TA3855		AP160 UIR - USB connection cable (necessary for data download)	127TA3863
	170 ÷ 345	127TA3856			
	345 ÷ 740	128TA4029			
	> 740	127TA3858			
Version 72/80/96 Volt	≤ 170	127TA3859		Management Software SmartView II	127TA3864
	170 ÷ 345	127TA3860			
	345 ÷ 740	127TA3861			
	> 740	127TA3862			

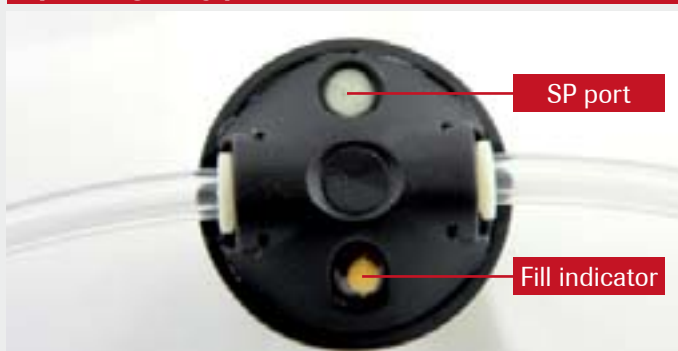
New and unique float valves suitable for all batteries

- › One size fits all: Adjustable float heights
- › Instant tubing installation: Unique push-fit tubing ports make tubing installation fast, easy and secure
- › Lowest profile on the market: 15 mm high
- › Wide range of operating pressure: From 3 to 45psi
- › Abuse-resistant tubing: With a small bend radius it fits even the smallest cells easily
- › Highly visible fill level indicator: Visible from the top and side
- › No barbed fittings to break

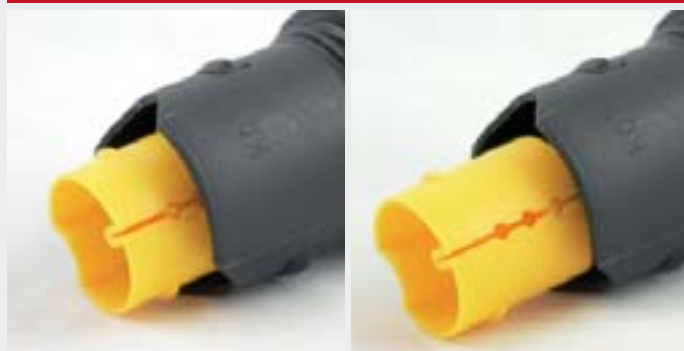
Low profile



Specific gravity port and fill level indicator



Adjustable float



Quick fit tubing



Complete kit references

Part Numbers	Description	Technical Information	Reference
FLT-KD6	Float Kit 12V	Float valve kit for 6 cell Din battery	127TA3865
FLT-KD12	Float Kit 24V	Float valve kit for 12 cell Din battery	127TA3866
FLT-KD18	Float Kit 36V	Float valve kit for 18 cell Din battery	127TA3867
FLT-KD20	Float Kit 40V	Float valve kit for 20 cell Din battery	127TA3868
FLT-KD24	Float Kit 48V	Float valve kit for 24 cell Din battery	127TA3869
FLT-KD36	2 x FLT-KD18	For 72V use	127TA3870
FLT-KD40	Float Kit 80V	Float valve kit for 40 cell Din battery	127TA3871
FLT-KD48	2 x FLT-KD24	For 96V use	127TA3872

The above float kits include floats, tubing, input coupling and filter assembly, cable ties and instructions for installation and operating.

Tyres - Solid cushion tyres & tyre press



Solid cushion tyres

Structure

- › Three compounds
- › Steel ring reinforced base
- › Thicker wear-resistant tread
- › Deeper and across tread groove
- › Concave sidewall design
- › Square shoulder
- › Wider section

Features

- › Long life span
- › High load capacity
- › High wear-resistance
- › Low vibration
- › Low rolling resistance
- › Low energy consumption
- › Good cushion effect
- › More stability
- › Comfortable for long distances
- › Increased adhesion to the road

Application

- › Forklift trucks & other industrial vehicles
- › Especially for high frame forklift trucks



REF 127TA1038

Tyre press

Specifications

- › Capacity: 120 ton
- › Max. tyre dimension: 20 inch
- › Cylinder: double-acting
- › Total height: 2222 mm
- › Total width: 2160 mm
- › Total depth: 850 mm
- › Operating pressure: 230 bar
- › Cylinder stroke: 400 mm
- › Stroke complete out: 35 sec
- › Stroke complete in: 95 sec
- › Oil tank: 30 L
- › Electromotor: 5.5 HP
- › Shipping weight: 1800 kg
- › Supplied with a basic tool kit for tyres from 8" up to 15" comprising cages, cones and support rings



- > Automatic locking retractor.
- > Twin release buckle with rigid bracket. EEC-type approved (directive 77/541). With bolt set.



REF 106TA5147

VS12*

- > Semi-suspension seat with slide rails
- > VS12 has been tested and approved to ISO3776, ISO5353, prEN1726, EN474-1, EN-474-3 and stVZO (sections 30 and 35a)
- > With back rest and weight adjustment
- > Weight: 15 kg



standard version

with retractable seat belt

REF 106TA8622

REF 111TA4092

ES12: (GS12 Equivalent)*

- > Semi-suspension seat
- > Slide rails included
- > With weight and back rest adjustment
- > Weight: 15 kg



standard version

with retractable seat belt

REF 119TA8975

REF 122TA7477

Grammer MSG20*

- > Comfortable suspension seat with weight, seat back angle and fore/aft adjustments
- > Seat belt brackets included
- > Weight: 18.5 kg



standard version

with retractable seat belt

REF 106TA8602

REF 110TA8673

KAB 211*

- > Suspension seat with weight, cushion and back adjustment (complete with runners)
- > Weight: 20 kg



standard version

with retractable seat belt

REF 106TA8610

REF 110TA8879

Seat heating

To fit on top of seat cushions with thermostat. The heat cushion contains two connected elements, back and seat element. A temperature regulator in the current circuit of the seat element is energized at $20 \pm 3.3^\circ \text{C}$ ($68 \pm 6^\circ \text{F}$) and opens at $28.3 \pm 2.8^\circ \text{C}$ ($83 \pm 5^\circ \text{F}$).

> **REF 106TA8620:** 12V

> **REF 106TA8621:** 24V



OPTIONAL

- > Adaptor cigarette lighter
- > 2 exits
- > **REF 115TA1802**

Seat heating

- > For KAB and BEGE seats
- > To fit in seat and back cushion
- > With thermostat
- > **REF 106TA8617:** 12V
- > **REF 106TA8618:** 24V
- > **REF 106TA8619:** 48V



* Also available in cloth (FABRIC)

Bearings & hardware

TVH now has access to
a stock of more than
70000 different bearings.



Hexagon socket set screws

- > 245 pieces
- > Black zinc
- > Metric - DIN 916

M4 x 5 - x 8 - x 10
M5 x 8 - x 10 - x 12 - x 16
M6 x 8 - x 10 - x 12 - x 16 - x 20
M8 x 12 - x 16 - x 20



REF 107TA5445

Hexagon socket head cap screws

- > 95 pieces
- > Metric - Black
- > DIN 912

M6 x 16 - x20 - x25 - x30
M8 x 25 - x30 - x35
M10 x 25 - x35



REF 107TA5444

Retaining rings

- > 326 pieces
- > Internal and external circlips
- > DIN 472 and DIN 471
- > Phosphated

8; 9; 10; 11; 12;
13; 14; 15; 16



REF 107TA5452

Tapped screws

- > 500 pieces
- > DIN 7981C
- > Zinc plated

2.9 x 13
3.5 x 13 - x16 - x19 - x25
4.2 x 13 - x16 - x19 - x25
4.8 x 16 - x19 - x25 - x32
5.5 x 19 - x25 - x32
6.3 x 25 - x38



REF 107TA5456

Nuts with plastic insert

- > 214 pieces
- > DIN 985

M4
M5
M6
M7
M8
M10
M12
M14
M16



REF 107TA5455

Split pins

- > 600 pieces
- > Size Imperial & Metric
- > DIN 94

1 x 25
1.6 x 32
2 x 40
2.5 x 40
3.2 x 40 - x50
4 x 32 - x50
5 x 50



REF 107TA5462

Starlock without cap, speednuts

- > 580 pieces
- 3; 4; 5; 6 mm

SNP: 5020 (M3); 5021 (M4)
SMG: M6 - M8
CV: 4824 (M4); 4825 (M5); 4826 (M)
SFP: 1743 (1.6); 5011 (2.0); 1722 (2.4);
0211 (3.2); 0212 (4.0);
0213 (4.8); 0215 (6.35)



REF 123TA8019

Assortment hexagon bolts, screws & nuts UNF

- > 148 pieces
- > Zinc plated

7/16 x 1" - x 1 1/4" -
7/16 x 1 1/2" - x 1 3/4" - x 2"
1/2 x 1" - x 1 1/4" - x 1 1/2" - x 2"
9/16 x 1 3/4" - x 2"
5/8 x 1 1/2" - x 2" -
5/8 x 2 1/2"



REF 128TA4028

Assortment hexagon bolts, screws & nuts UNC

- > 126 pieces

1/4 x 5/8
1/4 x 3/4
1/4 x 1
1/4 x 1.1/4
5/16 x 1
5/16 x 1.1/2
3/8 x 1
3/8 x 1.1/2
1/2 x 1.1/4

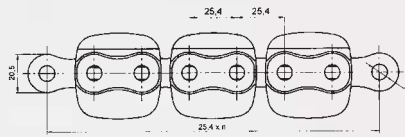
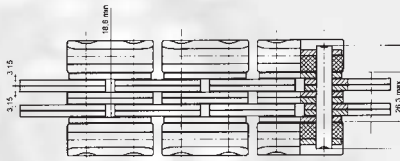


REF 123TA8023

Special chains with plastic inner or outer leaves

These references are sold per meter

Type F 2544 KS



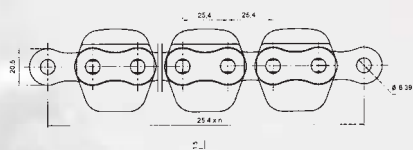
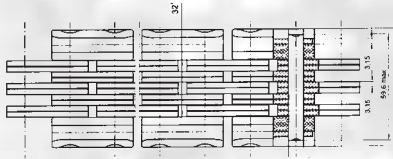
"Elite" brand

"OEM" brand

REF 127TA3805

REF 107TA2135

Type F 2566 KS



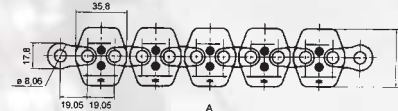
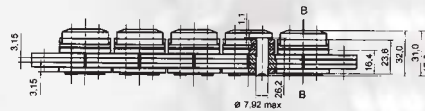
"Elite" brand

"OEM" brand

REF 127TA3806

REF 107TA2150

Type BL 633 KS



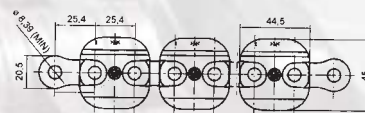
"Elite" brand

"OEM" brand

REF 127TA3807*

REF 107TA2064

Type LL 1644 KS



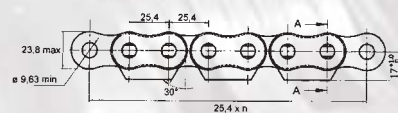
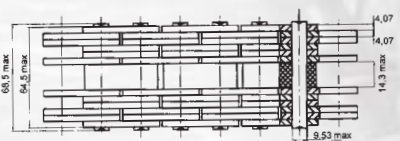
"Elite" brand

"OEM" brand

REF 127TA3808*

REF 107TA2139

Type BL 866 KS



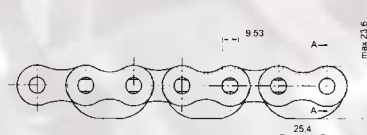
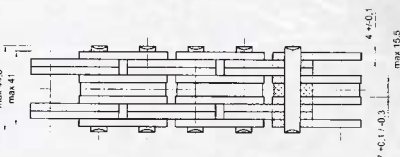
"Elite" brand

"OEM" brand

REF 127TA3809

REF 107TA2148

Type BL 844 LKS



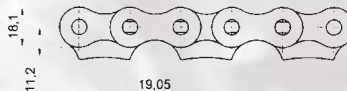
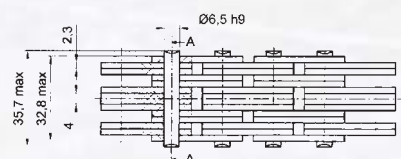
"Elite" brand

Rexnord brand

REF 127TA3810

REF 107TA2134

Type F 1966 SK



"Elite" brand

Wipac brand

REF 127TA3811

REF 107TA2099

Other types (BL 888 KS, BL 844 KS,...) on demand.
Ask special conditions for complete reels.

Used for: Linde, Komatsu, Steinbock, Jungheinrich
* These chains can not be sold in Germany



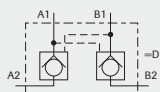

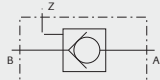

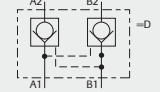

Valves

Valves for direct in-line mounting with threaded connections suitable for general use.

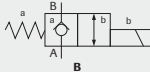

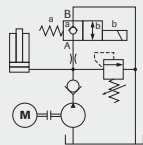
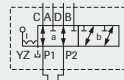
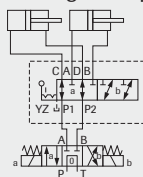

Due to the variety of operating conditions and applications for these products, it is important that you analyze all aspects of your application before selecting or using one.

Through his own analysis and testing, the user is solely responsible for making the final selection of his products and systems. He has to make sure that the environmental requirements of the application are met.

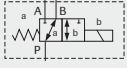

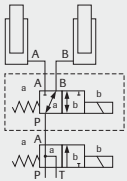
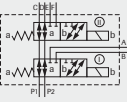

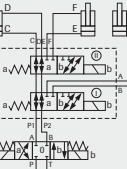
Check valves

Reference	Flow	Ports		
127TA3836	16l/min	G1/4	> Symbol 	
127TA3837	35l/min	G3/4		
127TA3838	60l/min	G1/2		
127TA3839	150l/min	G3/4		
127TA3840		Threaded connections = G1/4	> Symbol 	
127TA3841		Port A, B = G3/8 Port Z = G1/4	> Symbol 	
127TA3842		Threaded connections = G3/8	> Symbol 	

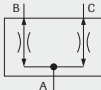

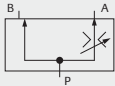

Directional valves

Reference	Voltage	Ports		
2/2-way				
REF 127TA3843	12VDC	Threaded connections = G3/8	<p>> Symbol</p> 	
REF 127TA3844	24VDC		<p>> Mounting example</p> 	
6/2-way				
REF 127TA3845	Manual operation	Ports = G3/8	<p>> Symbol</p>  <p>> Mounting example</p> 	

Directional valves

Reference	Voltage	Ports		
3/2-way				
REF 127TA3846	12VDC	Ports = G3/8	<p>› Symbol (spool type) = Without YZ</p> 	
REF 127TA3847	24VDC		<p>› Mounting example</p> 	
8/3-way				
REF 127TA3848	12VDC	Ports = G3/8	<p>› Symbol</p> 	
REF 127TA3849	24VDC		<p>› Mounting example</p> 	

Flow control valves

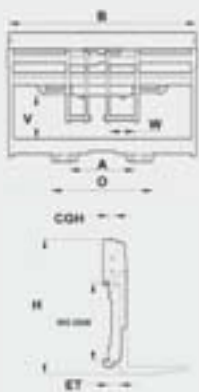
Flow divider							
Reference		Min. flow rate	Max. flow rate	Ports	Max. pressure range	Dividing	
REF 127TA3850	DTP-6-20	8 l/min	20 l/min	G3/8	350	50:50	<p>➤ Symbol</p> 
REF 127TA3851	DTP-6-35	12 l/min	35 l/min	G3/8			
REF 127TA3852	DTP-6-50	16 l/min	50 l/min	G3/8			
REF 127TA3853	DTP-10-70	35 l/min	70 l/min	G1/2			
							
Flow control valve							
REF 127TA3854		To 50 l/min	To 350 Bar				<p>➤ Symbol</p> 
							

Side shifts / Attachments

Sideshifting fork positioner with bar-mounted FEM fork carriers

Fork adjustment is obtained with 2 hydraulic cylinders, which offer a smooth uniform movement. Delivered without forks, the original forks of the truck will suit without modification. Stroke of side shift, 100 mm left and 100 mm right. Sideshifting is still possible when the fork positioner is at its maximum opening position. Please keep in mind that the width of the fork is not as big as dimension W.

- › Working pressure 180 DaN/cm².
- › 2 hydraulic functions required.
- › Forks not included.



REF	Capacity	Mounting class	Frame width	Min. width of fork carriage	Opening forks min-max	Width forks min-max	Height	Visibility	Lost load	Centre of gravity	Weight
	kg/mm	ISO-2328	B (mm)	(mm)	A-O (mm)	W (mm)	H (mm)	V (mm)	ET (mm)	CGH (mm)	kg
123TA1956	2500/500	2	1 040	860	340-930	80-130	720	230	60	32	107
123TA1958	2500/500	2	1 160	920	340-1 050	80-130	720	230	60	32	118
123TA1965	5 000/500	3	1 110	780	380-980	100-150	820	268	73	44	175

Work platforms

Work platforms perform a variety of applications, they are particularly suitable for routine maintenance, inspection and for stock taking purposes. Whatever the application, work platforms ensure confidence and safety to all users when working at high levels. Be aware that national restrictions on use may exist. Check with local authorities first.

REF	REF with 4 castors	Mounting	Tool box	Weight (kg)	Capacity (kg)
107TA6395	107TA6397	fork	yes	120	300
107TA6396*	107TA6398*	fork	yes	130	300

* authorised in The Netherlands

- › Platform size: 1 115 x 1 200 x 1 890 mm.
- › Capacity: 2 persons.
- › Safely secured to truck using lock pins behind the fork heels.
- › All models suitable for maximum 200 x 80 mm fork sizes, min. fork spread between forks 600 mm.
- › Fully tested.
- › Painted orange.



REF 107TA6395



REF 107TA6396

Fork extensions (closed version)

Many other lengths on demand!

Fork section	Length of the fork extension								
	1 200 mm	1 400 mm	1 500 mm	1 600 mm	1 800 mm	2 000 mm	2 200 mm	2 400 mm	2 500 mm
80 x 40	128TA4036	128TA4049	128TA4062	128TA4075	128TA4088	128TA4101	128TA4114	128TA4127	128TA4140
100 x 40	128TA4037	128TA4050	128TA4063	128TA4076	128TA4089	128TA4102	128TA4115	128TA4128	128TA4141
100 x 50	128TA4038	128TA4051	128TA4064	128TA4077	128TA4090	128TA4103	128TA4116	128TA4129	128TA4142
100 x 45	128TA4039	128TA4052	128TA4065	128TA4078	128TA4091	128TA4104	128TA4117	128TA4130	128TA4143
120 x 50	128TA4040	128TA4053	128TA4066	128TA4079	128TA4092	128TA4105	128TA4118	128TA4131	128TA4144
125 x 40	128TA4041	128TA4054	128TA4067	128TA4080	128TA4093	128TA4106	128TA4119	128TA4132	128TA4145
125 x 45	128TA4042	128TA4055	128TA4068	128TA4081	128TA4094	128TA4107	128TA4120	128TA4133	128TA4146
130 x 45	128TA4043	128TA4056	128TA4069	128TA4082	128TA4095	128TA4108	128TA4121	128TA4134	128TA4147
130 x 50	128TA4044	128TA4057	128TA4070	128TA4083	128TA4096	128TA4109	128TA4122	128TA4135	128TA4148
130 x 60	128TA4045	128TA4058	128TA4071	128TA4084	128TA4097	128TA4110	128TA4123	128TA4136	128TA4149
140 x 50	128TA4046	128TA4059	128TA4072	128TA4085	128TA4098	128TA4111	128TA4124	128TA4137	128TA4150
150 x 50	128TA4047	128TA4060	128TA4073	128TA4086	128TA4099	128TA4112	128TA4125	128TA4138	128TA4151
150 x 60	128TA4048	128TA4061	128TA4074	128TA4087	128TA4100	128TA4113	128TA4126	128TA4139	128TA4152

Attention: length of the extension should never exceed 60% of the fork length!

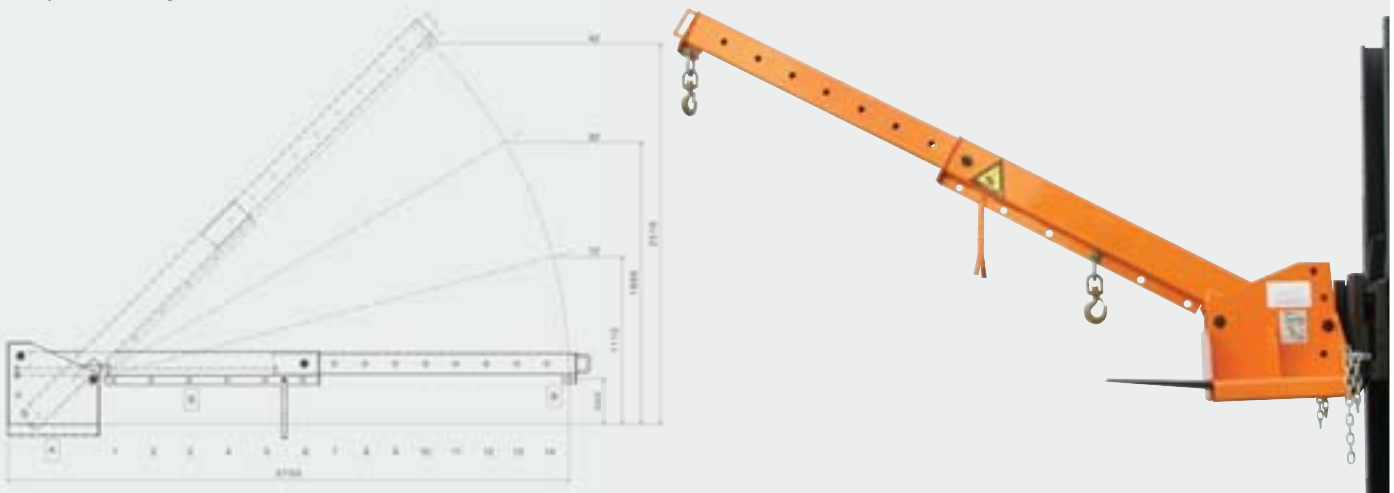
Manual telescopic crane jib adjustable in length and height

- › The carriage-mounted crane jib has two adjustable turning safety hooks.
- › The hook can be manually adjusted in 14 positions in length and in height.
- › The crane jib is safely secured with a chain to the fork carriage.
- › Standard length of the arm is 2000 mm, maximum length of the arm is 3690 mm.
- › The crane jib has to be mounted to the forks and with the back of the jib to the back of the forks.

REF	Capacity at 695 mm load centre	Minimum fork length	Min. fork spread between forks	Max. fork section	Centre of gravity	Weight
107TA6423	2 500 kg	800 mm	150 mm	160 x 70 mm	580 mm	218 kg
107TA6424	5 000 kg	800 mm	150 mm	160 x 70 mm	600 mm	250 kg

REF	Capacity / Load centre													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	695 kg	990 kg	1 285 kg	1 580 kg	1 825 kg	2 090 kg	2 290 kg	2 490 kg	2 690 kg	2 890 kg	3 090 kg	3 290 kg	3 490 kg	3 690 kg
107TA6423	2 500	2 500	2 500	1 800	1 400	1 200	1 050	950	850	770	700	650	600	560
107TA6424	5 000	3 550	2 750	2 250	1 950	1 700	1 550	1 400	1 300	1 200	1 150	1 050	1 000	950

- › Please keep the capacity of the lift truck in mind.
- › Fully tested and supplied with EC Declaration of Conformity.
- › Painted orange.
- › Options: longer arms.



Adjustable fork-mounted hooks

REF	Capacity	Min. fork spread	Max. fork section between forks	Weight
107TA6425	2 500 kg	300 mm	160 x 60 mm	20 kg
107TA6427	4 000 kg	300 mm	160 x 60 mm	27 kg
107TA6428	5 000 kg	300 mm	160 x 60 mm	30 kg

- › Fully tested and supplied with EC Declaration of Conformity.
- › Secured to the forks with thumb screws.
- › Safety swivel hook turns 360°.
- › Painted orange.



Forks

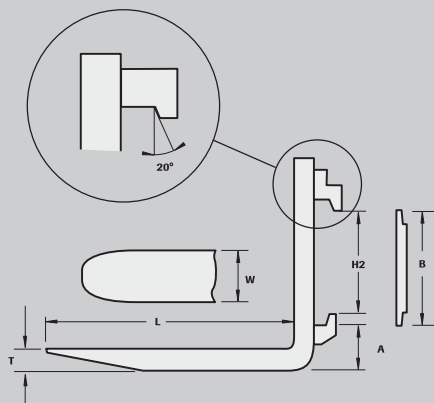


- › All types: fem hook, din hook, pin, blank forks
- › All carriages: 2A, 2B, 3A, 3B, 4A, 4B
- › Knife forks, carpet booms, fork extensions, blank forks
- › All capacities – all lengths
- › Most competitive prices, most complete programme

Special forks on request

Certification on request

Class Fem - I.T.A.	Lift truck capacity kg	Norm	A	Carriage height B	H2	Choose fork section = w x t
1	0 - 999	1A 1B	76 114	331	306	80 x 35
2	1 000 - 1 500	2A 2B	76 152	407	382	100 x 35 100 x 40
3	2 800 - 3 500	3A 3B	76 203	508	477	100 x 50 100 x 45
4	5 000 - 8 000	4A 4B	127 254	635	598	150 x 60 150 x 75



Hydraulic telescopic forks

Quality assurance:

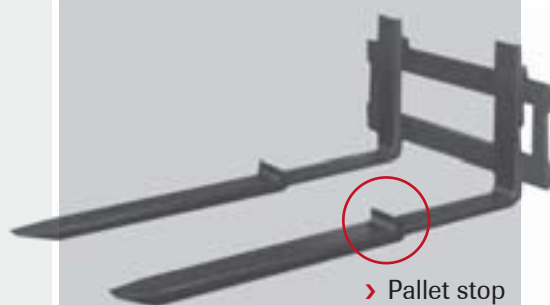
- › Can be supplied with certificate.
- › Lightweight and durable product.
- › Sleeves run on hardened roller bearings which are permanently smooth, so there are no wear pads to change.

Supplied complete with:

- › 2 x Telescopic fork arms.
- › 1 x Flow divider block.
- › 2 x 540 mm hoses / 2 x 700 mm hoses / 2 x 1 000 mm hoses.
- › 1 x T-bar.
- › All connectors supplied are 7/16" JIC Standard configuration.

Available with or without pallet stop

Save time & money!



Available range:

- › 1 070 / 1 770 mm
- › 1 220 / 2 020 mm
- › 1 350 / 2 350 mm
- › 1 600 / 2 600 mm

Panoramic mirror

Oil seal tool kit



REF 125TA7053

Panoramic mirror heavy duty version

- › Dimensions: 280 x 146 mm.
- › Panoramic mirror.
- › Unbreakable mirror.
- › High European quality.
- › Mirror body is made of impact-resistant material.
- › Extra wide angle view.
- › Very easy to mount on all kinds of applications. Can easily be mounted on existing brackets (10-20 mm diameter) or can easily be installed to the roof by accompanied bracket kit.



REF 127TA3804

Oil seal tool kit

Oil seals are durable and versatile components, whose functionality depends to a great extent upon their being properly installed. Thus, for example, up to 30 % of early failures of rotary shaft seals are traceable to faulty installation. TVH offers now an assembly set that minimizes installation errors and simplifies deinstallation.

Panoramic mirror economic version



REF 116TA4481

Absorbing materials / Sealing products



Absorbing socks

- › Ø 7.6 cm x 122 cm
- › 30/box
- › Absorbs oil & liquids

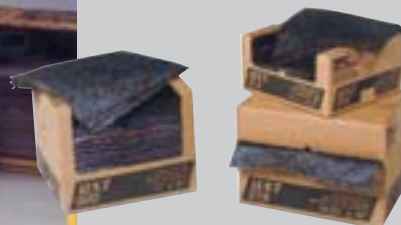


REF 107TA7233



Absorbing towels

- › 41 x 51 cm
- › 100/box
- › Absorbs about everything



REF 107TA7236

Thread locker low strength 50 ml

- › Low strength anaerobic adhesive for thread locking of nuts, bolts and screws of all types that require to be easily dismantled.
- › Highly resistant to temperatures (-50° to +150°C), corrosion, vibrations, water, gas, oils, hydrocarbons and many chemicals.



REF 107TA8525

Thread locker medium strength 50 ml

- › Medium strength anaerobic adhesive for thread locking of nuts and bolts of all types that require to be dismantled.
- › Suitable to be used on oily surfaces.
- › Highly resistant to temperatures (-50° to +150°C), corrosion, vibrations, water, gas, oils, hydrocarbons and many chemicals.



REF 126TA5184

Thread locker high strength 50 ml

- › High strength anaerobic adhesive for locking and sealing of studs, nuts, bolts and threaded fasteners not requiring dismantling.
- › Highly resistant to temperatures (-50° to +150°C), corrosion, vibrations, water, gas, oils, hydrocarbons, and many chemicals specially formulated for oily surfaces.



REF 107TA8521

Pipe sealant for small threaded joints 50 ml

- › Seals against gas, water, LPG, hydrocarbons, oils and other chemicals.
- › Thixotropic property prevents migration from thread of the sealant before or during curing.
- › Shock and vibration resistant, properties of sealing in the range of temperature from -50° to +150°C.



REF 107TA8517

Hydraulic sealant 50 ml

- › To replace P.T.F.E. tapes in the sealing of gases, water, LPG, hydrocarbons, oils and other chemicals.
- › Easy to dismantle with standard tools.
- › Highly resistant to temperatures (-50° to +150°C), corrosion, shocks and vibrations.



REF 127TA3878

Instant gasket 50 ml

- › Seals against gases, water, LPG, hydrocarbons, oils and other chemicals.
- › Thixotropic property prevents migration of the sealant before or during curing.
- › Shock and vibration resistant, properties of sealing in the range of temperature from -50° to 150°C.



REF 107TA8524



Beta
authorised factory distributor



TVH is the Authorised Factory Distributor for BETA quality tools and workwear. Opting for BETA means opting for top quality and interesting prices. Design, ergonomics and user-friendliness have been combined with safety and efficiency.

For more info and a view on our catalogue, go to www.tvh.com/beta



Storage systems and assortments



Spanners



Allen keys



Socket wrench and accessories



Presses and torque wrenches



Pliers and wire cutters



Pincers



Screwdrivers and bits



Tools for Torx® and Tamper Resistant Torx® screws



Tools for electrics and electronics



Insulated tools



Chisels and hammers



Cutting and filing



Drills and taps



Measuring and marking tools



Garage tools



Miscellaneous BETA



Beta

**Stands for Quality - Safety - Reliability
Focused Ergonomics, Design and Finishing**



> Consultez notre brochures BETA pour plus d'infos

www.tvh.com/catalogues/beta.pdf



REF 11960383

1. Oxford Jack, water resistant
 2. Jacket, fleece 250 gr/m²
- > 100% double layers polyester pile
 - > "Oxford" inserts for elbows and shoulders against wear

1 **7760**



2 **7620**



	S	M	L	XL	XXL
7760	128TA2864	128TA2865	128TA2866	128TA2867	128TA2868
7620	128TA2869	128TA2870	128TA2871	128TA2872	128TA2873

3. Shorts with several pockets
 4. Workpants with several pockets
 5. Sleeveless overall
 6. Work overall
 7. Work coat
- > T/C/Canvas – 65% polyester, 35% cotton, 270g/m²
 - > Inserts made of "Oxford" polyester/ PU 240 g/m²

3 **7901**



4 **7900**



5 **7903**



6 **7905**



7 **7909**



	XS	S	M	L	XL	XXL	XXXL
7901	128TA2874	128TA2875	128TA2876	128TA2877	128TA2878	128TA2879	128TA2880
7900	128TA2881	128TA2882	128TA2883	128TA2884	128TA2885	128TA2886	128TA2887
7903	128TA2888	128TA2889	128TA2890	128TA2891	128TA2892	128TA2893	128TA2894
7905	128TA2895	128TA2896	128TA2897	128TA2898	128TA2899	128TA2900	128TA2901
7909	128TA2902	128TA2903	128TA2904	128TA2905	128TA2906	128TA2907	128TA2908

8. Rain overall
9. Rain pants
10. Rain coat

- > PVC material
- > Adjustable elastic drawstring on hips
- > Superior quality!



8 **7973**



9 **7970**



10 **7979**



	XS	S	M	L	XL	XXL
7973	128TA2909	128TA2910	128TA2911	128TA2912	128TA2913	128TA2914
7970	128TA2915	128TA2916	128TA2917	128TA2918	128TA2919	128TA2920
7979	/	128TA2921	128TA2922	128TA2923	128TA2924	128TA2925

REF	EU	UK	USA	J
127TA2595	38	5	6	24
127TA2596	39	6	7	24.5
127TA2597	40	6.5	7.5	25.5
127TA2598	41	7	8.5	26.5
127TA2599	42	8	9	27
127TA2600	43	9	10	28
127TA2601	44	10	10.5	28.5
127TA2602	45	10.5	11.5	29.5
127TA2603	46	11	12	30
127TA2604	47	12	13	31

SUEDE ANKLE SHOE, WITH CORDURA INSETS (EN 20345 S1P) 7257N

- > 3D Fresh lining
- > Steel toe cap, 200 joule
- > Elastic steel reinforced dual density polyurethane sole
- > Antistatic, fungicidal



REF	EU	UK	USA	J
127TA2605	38	5	6	24
127TA2606	39	6	7	24.5
127TA2607	40	6.5	7.5	25.5
127TA2608	41	7	8.5	26.5
127TA2609	42	8	9	27
127TA2610	43	9	10	28
127TA2611	44	10	10.5	28.5
127TA2612	45	10.5	11.5	29.5
127TA2613	46	11	12	30
127TA2614	47	12	13	31

SUEDE ANKLE SHOE, WITH CORDURA INSETS (EN 20345 S1P) 7256N

- > 3D Fresh lining
- > Steel toe cap, 200 joule
- > Elastic steel reinforced dual density polyurethane sole
- > Antistatic, fungicidal



REF	EU	UK	USA	J
127TA2615	38	5	6	24
127TA2616	39	6	7	24.5
127TA2617	40	6.5	7.5	25.5
127TA2618	41	7	8.5	26.5
127TA2619	42	8	9	27
127TA2620	43	9	10	28
127TA2621	44	10	10.5	28.5
127TA2622	45	10.5	11.5	29.5
127TA2623	46	11	12	30
127TA2624	47	12	13	31

SOFT SUEDE SHOE, PERFORATED (EN 20345 S1P) 7210N

- > Collar with 3D Fresh lining
- > Steel toe cap, 200 joule
- > Elastic steel reinforced dual density polyurethane sole
- > Carbon inner sole
- > Antistatic, fungicidal



REF	EU	UK	USA	J
127TA2625	38	5	6	24
127TA2626	39	6	7	24.5
127TA2627	40	6.5	7.5	25.5
127TA2628	41	7	8.5	26.5
127TA2629	42	8	9	27
127TA2630	43	9	10	28
127TA2631	44	10	10.5	28.5
127TA2632	45	10.5	11.5	29.5
127TA2633	46	11	12	30
127TA2634	47	12	13	31

SOFT FULL GRAIN LEATHER ANKLE SHOE, HIGHLY BREATHABLE (EN 20345 S3) 7291NNK

- > Heavy duty
- > 3D Fresh lining
- > Polymer toe cap, 200 joule
- > Elastic steel reinforced dual density polyurethane sole
- > New fresh inner sole



REF	EU	UK	USA	J
127TA2635	38	5	6	24
127TA2636	39	6	7	24.5
127TA2637	40	6.5	7.5	25.5
127TA2638	41	7	8.5	26.5
127TA2639	42	8	9	27
127TA2640	43	9	10	28
127TA2641	44	10	10.5	28.5
127TA2642	45	10.5	11.5	29.5
127TA2643	46	11	12	30
127TA2644	47	12	13	31

SOFT FULL GRAIN LEATHER ANKLE SHOE, QUICK OPENING (EN 20345 S3) 7201N

- > Anatomic heavy duty
- > 3D Fresh lining
- > Polymer toe cap, 200 joule
- > Elastic steel reinforced dual density polyurethane sole
- > Carbon inner sole



REF	EU	REF	EU
127TA2645	36	127TA2651	42
127TA2646	37	127TA2652	43
127TA2647	38	127TA2653	44
127TA2648	39	127TA2654	45
127TA2649	40	127TA2655	46
127TA2650	41	127TA2656	47

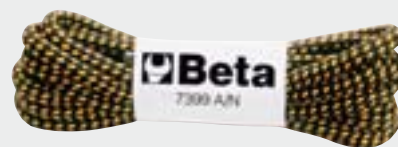
INNERSOLES



7398 A/M

SHOE-LACES

- > REF 127TA2657
- > Pack of 10 pairs of laces
- > Length: 120 cm



7399 A/N

Accessories for aerial platforms



> If you order a minimum of 10 pieces, the Power-Plates can be provided with your company name or website.



Power-Plates

To protect the surface
To provide a solid foundation on soft or fragile grounds

Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Handle	Reference
2 000	1 000	15	30	4	127TA2451*

- > Surface damage-free
(completely damage-free up to 10 ton)
- > Unbreakable
- > Lightweight
- > Made of synthetic material



The plates can be connected to each other with this connector
REF 127TA2465



Hydraulic generator

Get 220V** in the basket of your aerial platform

- > No need for a stand-alone diesel generator, therefore reducing plant theft
- > No additional diesel costs
- > Increases productivity potential and considerably reduces service and maintenance costs
- > Enhances the hire rate on the platform
- > No more messing about with extension leads (cable mostly already in the telescopic arm)
- > To be fitted under the bonnet
- > Also available in 110V – 4.1 kVA & 5 kVA

Exclusive distributor outside the UK!

Take a look at our website:
www.tvh.com/hydraulic_generator



REF 126TA5145

Wheel cover for aerial platforms

Reference	Tyre size	Ideal for:
125TA6262	23" – 33"	<ul style="list-style-type: none"> > show rooms > renovation & restoration works > exhibitions
125TA6263	34" – 44"	
125TA6264	45" – 52"	

Turn your tyre into a non-marking tyre

- > Set of 4 pieces. Also available separately.
- > Only for indoor use.
- > Maximum speed: 5 km/h.
- > Intensive use will result in reduced life span.

Exclusive European distributor outside the UK!



Komatsu BE-3R



Scale: 1/25

REF 127TA3881

Linde 39X



Scale: 1/50

REF 127TA3883

Still R70-25



Scale: 1/87

REF 127TA3882

Yale MTC Turret Truck



Scale: 1/25

REF 127TA3880

Haulotte Multijob MJX970



Scale: 1/50

REF 127TA3879

JLG Liftlux 260-25



Scale: 1/32

REF 126TA5960

Linde forklift with pedals



Dimensions:
130 x 57 x 107 cm

REF 127TA3884



This is just a
small selection
of our range!
To find out more
check on:

www.forkliftscalemodels.com



The O.E.M. references are only for indication and do not imply that the scale models are coming from the forklift manufacturer. Product sold only for collection purposes and not intended for children under 14 years of age.

Forklift Division

Second-hand forklift trucks



Via your browser
on our website
www.tvh.com/stock
you can select different
truck specifications.
Send us your selection,
and we will be pleased to
reply with a firm offer.

Our export salesteam



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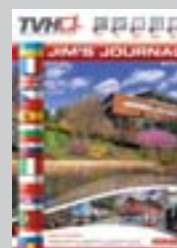
José Ornia
UK + NL + D
Forklift Truck Purchase

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TEL +32 56 43 43 11
FAX +32 56 43 43 45
E-MAIL jose.ornia@tvh.com

Jim's Journal

(periodical magazine, latest edition)

- > **Order now!**
- > A global view on our second hand forklifts



REF 7219304

Used forklifts

Baumann EGX50-45-16-40

- > 5 ton
- > electric
- > 1998
- > 4 m duplex/view
- > 4 valves



REF JX036

BT RRB2/4

- > 1.4 ton
- > electric
- > 1995
- > 7 m triplex/view/ff
- > sideshift



REF KP031

Caterpillar DP25K

- > 2.5 ton
- > diesel
- > 2002
- > 3.3 m duplex/view
- > sideshift



REF KV020

Clark EM20

- > 2 ton
- > electric
- > 1992
- > 5 m duplex/view



REF KV108

Crown 15TSPTN-S

- > 1.5 ton
- > electric
- > 1998
- > 8.61 m duplex



REF JT054

Daewoo D25S-2

- > 2.5 ton
- > diesel
- > 1995
- > 3.9 m triplex/view/ff
- > sideshift



REF KR010

Hyster H2.50XM

- > 2.5 ton
- > LPG
- > 1995
- > 5.5 m triplex/view/ff
- > sideshift



REF KU011

Jungheinrich DFG20AS

- > 2 ton
- > diesel
- > 2001
- > 4.3 m triplex/view/ff



REF KQ005

Jungheinrich ETV 214

- > 1.4 ton
- > electric
- > 2001
- > 7.1 m triplex/view/ff



REF KP363

Kalmar LMV DC-500

- > 3 ton
- > LPG
- > 1994
- > 4.5 m triplex/view/ff
- > cabin



REF KM431

Komatsu FD15T-20

- > 1.5 ton
- > diesel
- > 2005
- > 3 m duplex/view
- > transm. auto



REF KS509

Komatsu FB13M-3

- > 1.3 ton
- > electric
- > 2001
- > 4.7 m triplex/view/ff



REF KQ259

Komatsu FG18HT-17

- > 1.8 ton
- > gasoline
- > 2001
- > 4.3 m triplex/view/ff
- > sideshift



REF KQ025

Linde H20D-03

- > 2 ton
- > diesel
- > 2001
- > 4.6 m triplex/view/ff
- > sideshift



REF KN370

Linde H40D-03

- > 4 ton
- > diesel
- > 1999
- > 4 m duplex/view



REF KR243

Linde R14

- > 1.4 ton
- > electric
- > 1994
- > 7.29 m triplex/view/ff



REF KL404

Linde E16

- > 1.6 ton
- > electric
- > 1999
- > 3 m duplex/view



REF KR509

Linde H16T-03

- > 1.6 ton
- > LPG
- > 2001
- > 3 m duplex/view
- > windshield



REF KQ261

Manitou M426CP

- > 2.6 ton
- > diesel
- > 1997
- > 5.4 m triplex standard



REF KQ177

MIC WA15

- > 1.5 ton
- > electric
- > 2002
- > 6 m triplex/view/ff



REF KQ029

Used forklifts

Mitsubishi FD35T-F19C

- > 3.5 ton
- > diesel
- > 2003
- > 5 m duplex/
view
- > 4 valves



REF KP289

Mitsubishi FG15T-F25B

- > 1.5 ton
- > gasoline
- > 1998
- > 3 m duplex/
view



REF KS517

Mitsubishi FD25T-F18B

- > 2.5 ton
- > diesel
- > 2002
- > 3 m duplex/
view



REF K0199

Nissan YL02A25

- > 2.5 ton
- > diesel
- > 2005
- > 3 m duplex/
view



REF KQ199

Nissan YGJ02A30

- > 3 ton
- > diesel
- > 1999
- > 4.5 m duplex/
view



REF KR265

Nissan PJ02A20

- > 2 ton
- > dual fuel
- > 2003
- > 3 m duplex/
view



REF KS193

Nissan QP02L20

- > 2 ton
- > electric
- > 2003
- > 4 m duplex/
view



REF KS533

Nissan PJ01A15

- > 1.5 ton
- > gasoline
- > 2001
- > 3 m duplex/
view



REF K0383

Nissan BFO3M35

- > 3.5 ton
- > LPG
- > 1991
- > 5.5 m duplex/
view
- > 4 valves



REF KS096

Nyk-Nichiyu FB18P-60B

- > 1.8 ton
- > electric
- > 1997
- > 3 m duplex/
view



REF JU173

Still FM14

- > 1.4 ton
- > electric
- > 2000
- > 6.5 m triplex/
view/ff
- > sideshift



REF KR529

Still R70-25T

- > 2.5 ton
- > LPG
- > 1990
- > 5.3 m triplex/
view/ff



REF KL004

TCM FD25T6H

- > 2.5 ton
- > diesel
- > 2003
- > 3 m duplex/
view



REF KR532

TCM FB15-6

- > 1.5 ton
- > electric
- > 2000
- > 4 m duplex/
view



REF KT124

Terex 3517

- > 3.5 ton
- > diesel
- > 2005
- > 17 m boom
telescopic



REF KS326

Toyota 02-7FD18

- > 1.8 ton
- > diesel
- > 2001
- > 3 m duplex/
view



REF KL345

Toyota 62-7FD25

- > 2.5 ton
- > diesel
- > 2001
- > 3 m duplex/
view
- > sideshift



REF KT015

Toyota 02-5FD45

- > 4.5 ton
- > diesel
- > 1998
- > 5.5 m triplex/
view/ff
- > 4 valves



REF KT294

Toyota 6FG20

- > 2 ton
- > dual fuel
- > 1998
- > 3 m duplex/
view



REF KQ191

Toyota 5FBE13

- > 1.3 ton
- > electric
- > 2001
- > 3 m duplex/
view
- > sideshift



REF KD140

Used forklifts / Used clamps

Toyota 7FB15

- > 1.5 ton
- > electric
- > 1999
- > 4 m duplex/ view



REF JY123

Toyota 7FBL15

- > 1.5 ton
- > electric
- > 2002
- > 3 m duplex/ view



REF KM258

Toyota FBMF16

- > 1.6 ton
- > electric
- > 3 m duplex/ view



REF KU075

Toyota 40-7FB25

- > 2.5 ton
- > electric
- > 2003
- > 3 m duplex/ view
- > sideshift



REF KN329

Toyota 40-3FGL7 demo

- > 0.7 ton
- > gasoline
- > 2005
- > 2.5 m duplex/ view



REF KP093

Toyota 5FGL15

- > 1.5 ton
- > gasoline
- > 1991
- > 3 m duplex/ view



REF KS512

Toyota 7FG20 repainted

- > 2 ton
- > gasoline
- > 1999
- > 3 m duplex/ view



REF KL261

Valmet TD 1206A

- > 12 ton
- > diesel
- > 1991
- > 5 m duplex/ view
- > sideshift



REF KR001

Valmet TD 1206A

- > 12 ton
- > diesel
- > 1992
- > 5.5 m duplex/ view



REF KR252

Yale 11-FD25PVIIXA

- > 2.5 ton
- > diesel
- > 2003
- > 3 m duplex/ view



REF KM082

Yale 03-FG15PVIID5

- > 1.5 ton
- > dual fuel
- > 1998
- > 3 m duplex/ view



REF KJ105

Yale 11-FG25PVIIFE

- > 2.5 ton
- > gasoline
- > 2003
- > 3 m duplex/ view
- > windshield



REF KT162

Used Clamps

(latest edition)

- > **Order now!**
- > A global view on our second hand clamps



REF 10845029



Friedel D'haeyere

TEL +32 56 43 40 19

E-MAIL friedel.d.haeyere@tvh.com

Used aerial platforms

Aichi SR123

- > diesel
- > ph 12 m
- > 1997



REF KQ075

Genie Z-45/25J

- > bi-energy
- > ph 13.8 m
- > 1999



REF KM454

Genie Z-45/25DC J

- > electric
- > ph 13.8 m
- > 1999



REF KM453

Genie Z-45/25 RT

- > diesel
- > ph 13.9 m
- > 2001



REF KV248

Genie S-60

- > diesel
- > ph 18.3 m
- > 1993



REF KS281

Genie S-65

- > diesel
- > ph 19.8 m
- > 1999



REF KR315

Genie GS-1930

- > electric
- > ph 5.8 m
- > 2000



REF KT273

Genie GS-2646

- > electric
- > ph 7.9 m
- > 1998



REF KH054

Genie GS-5390 RT

- > diesel
- > ph 16.15 m
- > 2004



REF KD066

Grove TOUCAN 860

- > electric
- > ph 6.8 m
- > 1999



REF KQ054

Iveco 35-11 BIZZOCCHI145VCL

- > diesel
- > ph 12.5 m
- > 2000



REF KJ239

JLG E600JP

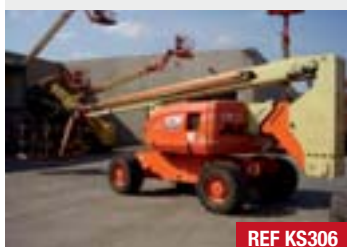
- > electric
- > ph 18.36 m
- > 2000



REF JT028

JLG 800AJ

- > diesel
- > ph 24.38 m



REF KS306

JLG 500RTS

- > diesel
- > ph 15.24 m
- > 2000



REF KU046

JLG 2646E3

- > electric
- > ph 7.9 m
- > 2000



REF KS559

Liftlux 17224X

- > diesel
- > ph 17.2 m
- > 1999



REF KS252

Manitou 165ATJ

- > diesel
- > ph 15.4 m
- > 2002



REF KS300

Skyhigh 1800

- > electric
- > ph 16 m
- > 2001



REFJY204

Upright AB46RT

- > diesel
- > ph 14.1 m
- > 2001



REF KV066

Contact



Wim Carlier Purchase & Sales

TEL +32 56 43 45 79
FAX +32 56 43 43 45
E-MAIL wim.carlier@tvh.com

Loading ramp LR TN 100 / Our used stock on-line



Loading ramp Thervan LR TN 100

- > Length: 12000 mm
- > Horizontal platform: 2500 mm
- > Total width: 2310 mm
- > Working width: 1900 mm
- > Safety weight load: 10 ton
- > CE compliant (machine directive)

Friedel D'haeyere

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E-MAIL **friedel.d.haeyere@tvh.com**

1 900 second-hand

Forklifts & Aerial Platforms in stock



1

www.tvh.com/stock



2



Choose 1 or more of the brands you are interested in.
Select lifting capacity, engine, transmission,...

With a simple click on "Find machines" you will find a range of available machines.

Handling Equipment Division

TVH Handling Equipment Division: The most complete range on material handling equipment

Trolleys, Trucks, Handpallettrucks, Electric handpallettrucks, Weighing equipment, Scissor handpallettrucks, Lifting tables, Stackers, Cranes, Jacks & Stands, Loading ramps, Safety accessories and Drum handling.

**Ask our
catalogue now!**



Handling your business!



REF 124TA4498

TOTAL LIFTER®

Hand pallet truck

- > All dimensions possible
- > 2 years warranty on the pump
- > Qualitative and durable product
- > Durable and free of maintenance
- > Capacity: 2 500 kg

Climax® HANDLING EQUIPMENT

Stainless steel hand pallet truck

- > Designed for use where water, moisture and salt are present
- > Low maintenance
- > Comply with safety and hygiene standards



REF 124TA4519



REF 124TA4522

Climax® HANDLING EQUIPMENT

Scissor hand pallet truck

- > Capacity: 1 000 kg
- > Lifting height: 800 mm
- > With quicklift pump for lifting while unloaded
- > Single lift piston: prevents leaks

Climax® HANDLING EQUIPMENT

Weighing hand pallet truck

- > Capacity: 2 000 kg
- > Fork length: 1 150 mm
- > Width: 550 mm
- > Steering wheels: polyurethane
- > Fork wheels: tandem polyurethane
- > Precision: 1 kg



REF 124TA4520

Stacking your business!

Choose from our large range of manual, semi-electric and electric stackers.



Climax HANDLING EQUIPMENT

Manual stacker

SM1016

- › Capacity: 1 000 kg
- › Lifting height: 1 600 mm
- › With quicklift pump
- › Excellent price-quality relation

REF 124TA4521



Climax HANDLING EQUIPMENT

Electric stacker

- › For intensive use
- › Capacity: 1 400 kg
- › Lifting height: 4 500 mm
- › Freelift: 1510 mm
- › Electric brake
- › Motor 3 Kw

REF 126TA6056



HALLINS

Ergonomic stacker

- › For lifting loads up to 250 kg
- › European quality brand
- › Different applications possible
- › Also available in stainless steel

REF 111TA4231



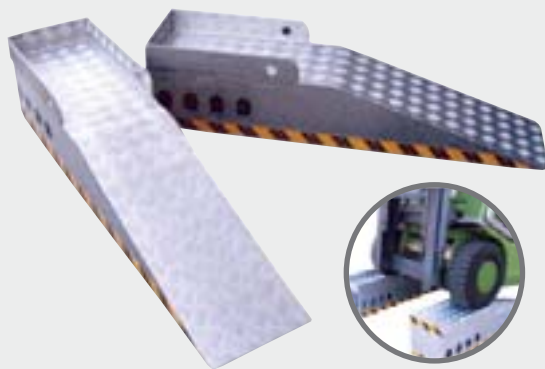
Loading & lifting your business!



Safety trestle >15T

- > Length: 1 200 mm
- > Width: 550 mm
- > Height: 1 080 mm - 1 300 mm
- > 2 wheels: rubber - 200 mm
- > 5 adjustable heights with the aid of pins
- > Weight: 70 kg

REF 124TA2106



Ramps for forklift trucks

- > Capacity: 4 000 kg
- > Simplifies the access to the load.

REF 111TA9284



Safety jack

- > Lifting capacity: 22 700 kg
- > Support capacity: 45 500 kg
- > Height: 1 070 x 1 350 mm
- > Weight: 56 kg

REF 107TA8319

Loading & lifting your business!



1 REF 107TA8192

2 REF 107TA8193

3 REF 107TA8194

Hydraulic jacks

- | | |
|---------------------|----------------|
| > Lifting capacity: | > Max. height: |
| 1. 5 000 kg | 1. 231/574 mm |
| 2. 10 000 kg | 2. 258/646 mm |
| 3. 25 000 kg | 3. 291/703 mm |
| > Min. height: | > Weight: |
| 1. 25/368 mm | 1. 20 kg |
| 2. 25/413 mm | 2. 27.5 kg |
| 3. 58/470 mm | 3. 92 kg |

Hydraulic jack

- > Lifting capacity: 4 000 kg
- > Min. height: 65 mm
- > Max. height: 360 mm
- > Weight: 24 kg

REF 127TA1826



Hydraulic jack

- > Lifting capacity: 4 000 kg
- > Min. height: 60 mm
- > Max. height: 360 mm
- > Weight: 31 kg

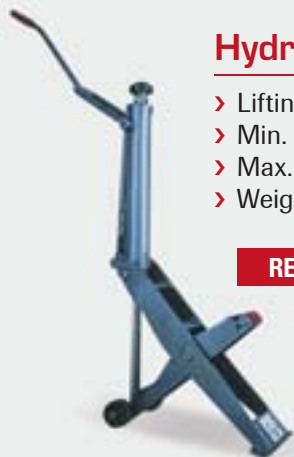
REF 107TA8185



Hydraulic jack

- > Lifting capacity: 7 000 kg
- > Min. height: 57 mm
- > Max. height: 406 mm
- > Weight: 42 kg

REF 107TA8190



Stands

- > Capacity: 9 000 kg
- > Minimum height: 240 mm
- > Maximum height: 420 mm

REF 105TA4047



Large base area!

For the safe use of all jacks,
see our wide-base props

New products!



TOTALLIFTER®

Mechanic lifter

- > Capacity: 300 kg
- > Lifting height: 145 mm
- > Width: 420 mm
- > Fork length: 1 100 mm
- > Width of 1 fork: 120 mm
- > Total height: 1 170 mm

REF 127TA1060

Climax HANDLING EQUIPMENT

Lifting tables

- > Wheels: nylon
- > Capacity: 150 kg
- > Lifting height: 720 mm
- > Dimensions: 700 x 450 mm

REF 127TA1061

- > Wheels: nylon
- > Capacity: 300 kg
- > Lifting height: 880 mm
- > Dimensions: 850 x 500 mm

REF 127TA2350

- > Wheels: nylon
- > Capacity: 350 kg
- > Lifting height: 1 300 mm
- > Dimensions: 910 x 500 mm

REF 127TA2351

- > Wheels: nylon
- > Capacity: 500 kg
- > Lifting height: 880 mm
- > Dimensions: 850 x 500 mm

REF 127TA1062

- > Wheels: nylon
- > Capacity: 750 kg
- > Lifting height: 990 mm
- > Dimensions: 1 000 x 510 mm

REF 127TA2352



TOTALLIFTER®

Hand pallet truck

- > Capacity: 2 000 kg
- > Fork length: 2 500 mm
- > Width: 540 mm
- > Steering wheels: polyurethane
- > Fork wheels: tandem polyurethane
- > Also available in other dimensions

REF 127TA1063



PM20G

Galvanized hand pallet truck

PM20S

Stainless steel hand pallet truck



SM1016

Manual stacker



PM20W

Weighing hand pallet truck



H10M

Manual scissor hand pallet truck



H10E

Electric scissor hand pallet truck

PE13

Electric pallet truck



PE14

Electric pallet truck



PE18

PE20

Electric pallet truck



PE22

Electric pallet truck



SE1016
SE1225
SE1229
SE1235

Electric
stacker



SE1016S
SE1020S
SE1225S
SE1229S
SE1235S

Semi-electric
stacker



SE1635L

SE1445L

SE1445LF

Electric stacker



Parts Division – Why work with TVH?

What can you expect from TVH Parts Division?

TVH is innovative, ambitious and focused on customer delight!

COLLABORATING WITH TVH = 25 EXPECTATIONS FULFILLED!

Orders

01. We guarantee you that express orders (max 40 order lines or 80 pieces per line) placed before the cut-off time, will be shipped the same day. Should the order not be sent for some reason, you will be notified by e-mail that same evening.
02. Every order you place, will be checked by your TVH contact person in order to detect possible irregular order lines, and to double-check them with you.
03. If you so wish, TVH can arrange the transport of the goods to your premises. In this case the transport cost will be calculated separately on your TVH invoice.
04. Parts that were incorrectly supplied by TVH can be returned without costs.
05. By default, back orders are sent with the next shipment, but we offer you the possibility of back order consolidation. If no new order is placed within 30 days for EU countries or 60 days for export countries, the back order is sent automatically.
06. We ship our goods in a suitable packaging.

TVH Quick Source

07. Our on-line program TVH Quick Source is available free of charge.
08. TVH Quick Source is available in 17 languages.
09. TVH Quick Source can be consulted 24/7.
10. TVH Quick Source offers you the possibility of free identification of spare parts by means of the Quick Reference module.
11. Via TVH Quick Source you can quickly input and follow-up your complaints on-line.
12. TVH Quick Source allows you to easily follow up your order processing.
13. TVH Quick Source offers you the possibility to trace your orders via the courier's site in real time.
14. Via TVH Quick Source you can visualize and print your invoices on-line at any given time.
15. Our catalogues can be consulted free of charge at any time by means of TVH Quick Source.

Communication

16. Your fixed contact person is always at your service during the office hours of your sales team. Changes to the office hours will be communicated to you separately. Should your fixed contact person be absent, a back-up is always available.
17. We can automatically and electronically provide you with the following documents in 18 languages: order confirmation, transport confirmation, shipment overview (for flat-rate transport cost), back order report (Monday), statement overview, invoices (pdf).
18. We offer you sales assistance in 31 spoken languages.
19. The flat-rate transport cost is immediately consultable so that you always know your transport cost in advance.

Research / Purchase

20. Our technical department identifies parts for the most common lift truck and aerial platform brands.
21. The identification of parts by our technical department is free of charge.
22. You can look up a considerable number of brands and models yourself via the Quick Reference module.
23. In case of stock rupture an alternative (e.g. Service exchange...) is automatically offered if this is available.

Extra

24. You can request or order parts by means of different references: lift truck brand, manufacturer brand, TVH references.
25. We offer you the possibility to request or order parts by means of customised references: your own number or location.

All catalogues are available in PDF-format on:



- › Our website (on request)
www.tvh.com/catalogues



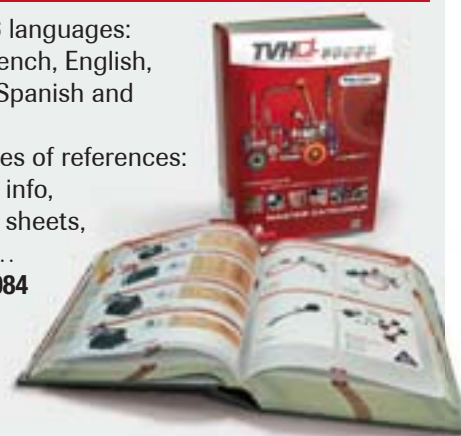
- › Our TVH Quick Source CD-ROM
- › REF 115TA7014

- › Our Infogate CD-ROM
- › All company info with TVH catalogues, presentation, movie, website, contact persons, documents,...
- › REF 10550851

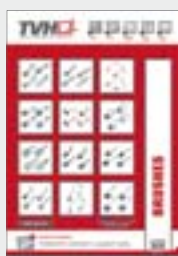


Master Catalogue

- › Index in 6 languages: Dutch, French, English, German, Spanish and Italian
- › 1 600 pages of references: Technical info, Technical sheets, Pictures,...
- › REF 9779984



Labels & decals
REF 12594102



Brushes
REF 7901151



Relays
REF 7083552



Exhaust systems
REF 10727802



LPG system parts
REF 12410757



Filters: quick search
REF 7543353



Seats & accessories
REF 8821408



Paint & accessories
REF 7882672



Key switches
REF 10195714



Contacts & contact kits
REF 10185471



Brake & Clutch cylinders
REF 7072186



Hand Pallet Truck Parts
REF 10550844



Mast rollers
REF 7872482



Wheels, rollers & castors
REF 6781097



Fuses, fuse holders
REF 9103420



Starters & alternators
REF 6252659



Bulbs
REF 9103419



Engine parts
REF 8255616



Replacement parts
suitable for JLG
REF 12613028



Replacement parts
suitable for Genie
REF 12726578



Potentiometers &
Encoders
REF 7835233



Brushes for sweepers
& scrubbers
REF 12206208



BETA
REF 11960383

Trade fairs



2008

Brugse Bedrijven Beurs

- › Date: 19/03/2008 - 20/03/2008
- › Location: Beurshalle Brugge (Belgium)
- › Stand: A33

Manutention 2008

- › Date: 11/03/2008 - 14/03/2008
- › Location: Paris-Nord Villepinte (France)
- › Stand: 6E072

Triënnale Verf & Decoratie

- › Date: 29/03/2008 - 30/03/2008
- › Location: Fabriekspand Roeselare (Belgium)
- › Stand: 34

Romexpo 2008

- › Date: 09/04/2008 - 13/04/2008
- › Location: Bucharest (Romanian)

Bedrijven contactdagen Gent 2008

- › Date: 16/04/2008 - 17/04/2008
- › Location: Flanders Expo Gent (Belgium)
- › Stand: 5316

SHD

- › Date: 22/04/2008 - 23/04/2008
- › Location: SECC Glasgow (UK)

Interclean 2008

- › Date: 06/05/2008 - 09/05/2008
- › Location: Amsterdam (Netherlands)

SED 2008

- › Date: 13/05/2008 - 15/05/2008
- › Location: Corby (UK)
- › Stand: 801

CeMAT 2008

- › Date: 27/05/2008 - 31/05/2008
- › Location: Hannover (Germany)
- › Stand: hall 25, Stand H11

IRE 2008

- › Date: 03/06/2008 - 05/06/2008
- › Location: Amsterdam RAI Centre (Netherlands)

Taropak 2008

- › Date: 15/09/2008 - 18/09/2008
- › Location: Poznan (Poland)

Apex 2008

- › Date: 17/09/2008 - 19/09/2008
- › Location: Maastricht (Netherlands)
- › Stand: 1470

SHD

- › Date: 17/09/2008
- › Location: Kent Show ground Dettling (UK)

Machine Building 2008

- › Date: 29/09/2008 - 4/10/2008
- › Location: Plovdiv (Bulgaria)

SHD

- › Date: 12/11/2008
- › Location: Westpoint Centre Exeter (UK)

2009

Intermat 2009

- › Date: 20/04/2009 - 25/04/2009
- › Location: Paris (France)

2010

IMHX 2010

- › Date: 2/03/2010 - 5/03/2010
- › Location: NEC Birmingham (UK)

BAUMA 2010

- › Date: 19/04/2010 - 25/04/2010
- › Location: Munich (Germany)

a complete overview can be found on www.tvh.com/tradefairs



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