TECHNISCH BUREAU
DUSPRA

TRELAWNY™

EX TOOL RANGE

ATEX CERTIFIED SURFACE PREPARATION TOOLS



B.V.Technisch Bureau Duspra | Amersfoortseweg 24-14 | 3951 LB | Maarn | The Netherlands
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ATEX SURFACE PREPARATION EQUIPMENT

CERTIFIED FOR HAZARDOUS ENVIRONMENTS. BUILT FOR DEMANDING APPLICATIONS.

Trelawny's ATEX certified range is engineered for surface preparation in potentially explosive atmospheres, delivering the performance you expect with the certification you need.

The range includes ATEX approved versions of our:
- **VL Needle & Chisel Scalers**
- **SF Hand-Held Scaling Hammers**
- **Walk-Behind Deck Hammer**

Every tool has been independently tested and certified for use in **Gas Zone 1** and **Dust Zone 21** in accordance with **ATEX Directive 2014/34/EU.**

Whether you're working offshore, in petrochemical facilities or other hazardous industrial environments, Trelawny tools are designed to maximise productivity while helping protect operators.


TYPE EXAMINATION CERTIFICATE

SAFETY BUILT INTO EVERY TOOL

Safety and compliance are non-negotiable. Trelawny's continuous innovation focuses on delivering tools that meet - and exceed - these stringent standards while boosting productivity.

LOW VIBRATION
Under our Vibro Lo™ banner Trelawny have developed vibration reduction systems to prevent vibration related injuries.

Low Vibration

TOOL & VACUUM SYSTEM
Under the TVS (Tool and Vacuum System) banner a full range of shrouded tools and industrial dust collectors protect operators from harmful dust.

Tool & Vacuum System

NON SPARK TOOLS
Non-sparking and Non-magnetic Beryllium Copper and Aluminium Bronze attachments for use in potentially explosive atmospheres.

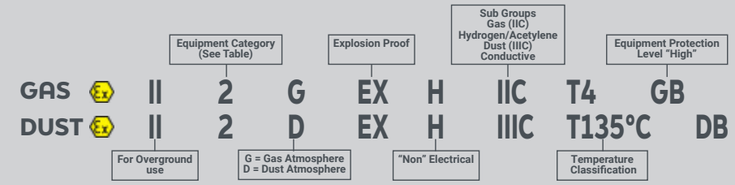
Non Spark Tools

DROP PROTECTION SAFETY
For operators working at height, we have developed a range of drop protection accessories.

Drop Protection Safety

UNDERSTANDING THE TRELAWNY ATEX CODE

ATEX (ATmosphères EXplosibles) is the European certification framework for equipment used in potentially explosive atmospheres.
These environments exist where flammable gases, vapours, mists or combustible dusts may be present and could ignite under certain conditions. ATEX certification provides assurance that equipment has been independently assessed to minimise ignition risks and is suitable for use in designated hazardous zones.



An area where an explosive atmosphere is likely to occur in normal operation (10 -1000 hours per year or 0.1 to 10% of the time) GAS - Zone 1 DUST - Zone 21

WHY TRELAWNY ATEX TOOLS ARE THE PROFESSIONAL CHOICE?

INDEPENDENTLY CERTIFIED
Tested and certified by an independent European Notified Body for operation in hazardous areas.

INDEPENDENTLY BUILT FOR SAFETY
Designed with operator protection in mind, incorporating low vibration technology, dust control solutions and drop protection across the range.

PROVEN PERFORMANCE
Engineered to withstand demanding industrial applications without compromising productivity.

WHERE TRELAWNY ATEX TOOLS DELIVER

Trelawny ATEX tools are trusted across industries where explosive atmospheres may be present, including:


OFFSHORE PLATFORMS


PETROCHEMICAL PLANTS


REFINERIES


TANKER VESSELS


OIL & GAS FACILITIES


CHEMICAL PROCESSING PLANTS


MANUFACTURING SITES


GRAIN HANDLING AND FLOUR MILLS

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VL223 Inline



VL203 Pistol Grip



VL303 Pistol Grip

Low Vibration | Tool & Vacuum System | ATEX Approved | Drop Protection Safety

VL-EX NEEDLE & CHISEL SCALERS

Low-vibration, ATEX-certified scalers engineered for surface preparation in hazardous environments. Built on Trelawny's proven Vibro-Lo™ platform, the VL-Ex range is certified for use in Gas Zone 1 and Dust Zone 21. Designed for demanding surface preparation tasks, it combines ATEX compliance with exceptionally low vibration reduction and optional dust control and drop protection systems.

PRODUCT HIGHLIGHTS

- More than 8x lower vibration than conventional needle scalers
- Optional TVS dust control for cleaner operation
- Optional drop protection for safer working at height
- Engineered for continuous industrial use in hazardous environments.

Trelawny VL-Ex ATEX Classification:

EX II 2 G EX H IIC T4 GB

EX II 2 D EX H IIIC T135 °C DB

*Certified for use in Gas Zone 1 and dust Zone 21



WELD CLEANING



PAINT REMOVAL



RUST REMOVAL

FEATURES & BENEFITS

- Pistol grip and in-line configurations suit a wide range of applications
- ATEX certified for use in hazardous environments without hot work permits
- Ultra low vibration (<2.3 m/s2) protects operators
- Needle and chisel models for effective cleaning and heavy chipping
- Low air consumption helps reduce operating requirements
- Simple maintenance with no special tools required helps minimise downtime
- Shroud options available for improved dust and debris control

APPLICATIONS

- Removal of coatings, corrosion and accumulated materials
- Coating spot repairs
- Weld cleaning
- Machinery and equipment cleaning in plants and factories
- Gas Ex Zone applications including rigs, petrochemical plants, pipelines, vessels and shipyards
- Dust Ex Zones applications including cleaning machinery in processing industries where combustible dust and powders are present

KEY CONSUMABLES & ACCESSORIES



TVS VACUUM SHROUD TO FIT VL203/VL223 NEEDLE SCALERS
Trelawny Part No. 418.2003
IMPA Part No. 59.25.06 ISSA Part No. 55.091.66

TVS VACUUM SHROUD TO FIT VL303 NEEDLE SCALER
Trelawny Part No. 418.3003
IMPA Part No. 59.25.07 ISSA Part No. N/A



Image shows the chisel service kit only

VL203EX/VL223EX NEEDLE SCALER SERVICE KIT
Trelawny Part No. 446.2003x

VL303EX NEEDLE SCALER SERVICE KIT
Trelawny Part No. 446.3003x

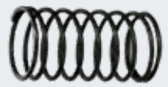
VL203EX/VL223EX CHISEL SCALER SERVICE KIT
Trelawny Part No. 446.2203x

VL303EX CHISEL SCALER SERVICE KIT
Trelawny Part No. 446.3303x



VL203/VL223 NEEDLE HOLDER (19 X 3MM)
Trelawny Part No. 601.2030

VL303 NEEDLE HOLDER (28 X 3MM)
Trelawny Part No. 601.3030



VL203/VL223 FRONT SPRING
Trelawny Part No. 712.2003

VL303 FRONT SPRING
Trelawny Part No. 712.3003



SPARK RESISTANT ALUMINIUM BRONZE 2" CHISEL FOR USE IN HAZARDOUS AREAS
Trelawny Part No. 704.3110
IMPA Part No. 59.19.03 ISSA Part No. 55.092.23



BERYLLIUM COPPER NEEDLES 3MM CHISEL TIP
BOX OF 19
Trelawny Part No. 403.1319
IMPA Part No. N/A ISSA Part No. 55.091.12
BOX OF 28
Trelawny Part No. 403.1328
IMPA Part No. N/A ISSA Part No. 55.091.24
BOX OF 100
Trelawny Part No. 453.1310
BOX OF 500
Trelawny Part No. 443.1307



ANTI-STATIC AIR HOSE 10 METERS.
Trelawny Part No. 421.3530

TECHNICAL DATA

Model	Trelawny Part No:	Type	Needle Quantity	Chisel Shank	Weight (Kg)	Blows per Min (BPM)	Air Consumption (lps-cfm)	Air Inlet Size (BSP)	Sound Power Level Lwa db(A)	Vibration m/s^2w
VL223-Ex Needle	196.2107	In-Line	19		2.35	2400	1.89l/s (4.0cfm)	¼	90.7	2.56
VL223-Ex Chisel	196.2117	In-Line		1/2" square Vibro-Lo	2.95	2400	1.89l/s (4.0cfm)	¼	89.3	3.69
VL203-Ex Needle	196.2207	Pistol Grip	19		2.7	2400	1.89l/s (4.0cfm)	¼	90.7	2.75
VL203-Ex Chisel	196.2217	Pistol Grip		1/2" square Vibro-Lo	3.2	2400	1.89l/s (4.0cfm)	¼	89.3	3.33
VL303-Ex Needle	196.3007	Pistol Grip	28		3.51	3000	2.6l/s (5.5cfm)	¼	109.5	2.3
VL303-Ex Chisel	196.3017	Pistol Grip		1/2" square Vibro-Lo	4.25	3000	2.6l/s (5.5cfm)	¼	91.2	3.7

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Low Vibration

ATEX Approved

VLSF1-EX AND SF3-EX SCALING HAMMERS

Compact precision or high productivity scaling in hazardous environments.
The SF-Ex range delivers fast, effective removal of heavy corrosion and coatings in potentially explosive atmospheres.

PRODUCT HIGHLIGHTS

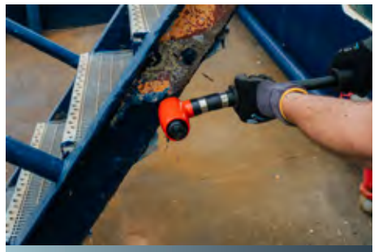
- Vibro-Lo™ vibration reduction helps minimise operator exposure
- Replaceable beryllium copper heads effectively fracture heavy rust and coatings
- Lightweight design improves manoeuvrability in restricted areas
- VLSF1-Ex Single Head model provides compact precision for confined spaces
- SF3-Ex Triple Head model delivers increased productivity on larger open surfaces

Trelawny VL-Ex ATEX Classification:

EX II 2 G EX H IIC T4 GB

EX II 2 D EX H IIIC T135 °C DB

*Certified for use in Gas Zone 1 and dust Zone 21



CORROSION REMOVAL



HEAVY COATING REMOVAL



RUST DESCALING

FEATURES & BENEFITS

- Easy-to-change cutter heads help minimise downtime
- Low-vibration single-head model helps maximise operator productivity
- Non-Spark and ATEX Options available, for use without hot work permits
- Ergonomic handle improves comfort and ease of use, with alternative handle options available
- Standardised components across all SF models simplify maintenance and spare parts management

APPLICATIONS

- Removal of thick coatings, rust and corrosion
- Spot repair and maintenance
- Preparation before blasting or coating application
- Gas line cleaning in preparation for inspection and repair
- Gas Ex Zone applications, including tankers, offshore platforms, petrochemical plants, pipelines and shipyards
- Dust Ex Zone applications, including machinery cleaning in processing industries where combustible dusts and powders may be present

KEY CONSUMABLES & ACCESSORIES



CRUCIFORM TAPER FIT CUTTER HEAD BERYLLIUM COPPER NON-SPARK - FOR FRACTURING AND REMOVAL OF COATINGS
To fit 151.5110 / 153.5310
Trelawny Part No. 606.5303
IMPA Part No. 59.03.59 ISSA Part No. 55.093.13



VLSF1-EX SERVICE KIT
Trelawny Part No. 446.1520x

SF3-EX SERVICE KIT
Trelawny Part No. 446.1530x



PISTON TO FIT CUTTER HEADS
Trelawny Part No. 612.5301



BRUSH SEAL
Trelawny Part No. 614.5301



ANTI-STATIC AIR HOSE 10 METERS.
Trelawny Part No. 421.3530

TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	Fitted with (Head Type)	Weight (kg)	Length (mm)	Working Height (mm)	Blows per Min (BPM)	Air Consumption (lps - cfm)	Sound Power Level Lwa db(A)	Vibration m/s²
VLSF1-EX Single Head	196.5110	59.02.89	Beryllium Coper Taper Fit Cutter	2.5	515	140.0	3000	4.25l/s (9.0cfm)	106.3	3.7
SF3-EX Triple Head	153.5310	59.03.59	Non-Sparking Cruciform	3.7	450	152.5	3000 x 3	5.2l/s (11.0cfm)	105.7	13.4

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Low Vibration

Tool & Vacuum System

ATEX Approved

SF11-EX DECK HAMMER

High productivity deck descaling for hazardous area maintenance. The SF11-Ex is designed for rapid removal of heavy corrosion and coatings from vessel decks, offshore platforms and other demanding surfaces.
Its floating head design follows surface irregularities for consistent contact and material removal, making it ideal for planned maintenance and pre-blast preparation.

KEY BENEFITS

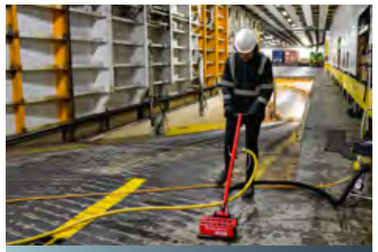
- 11 non-sparking beryllium copper heads deliver aggressive descaling performance
- Floating head design maintains consistent contact on uneven surfaces
- High-productivity solution for large-area deck maintenance
- Suitable for hazardous areas where alternative surface preparation methods may be restricted

Trelawny VL-Ex ATEX Classification:

EX II 2 G EX H IIC T4 GB

EX II 2 D EX H IIIC T135 °C DB

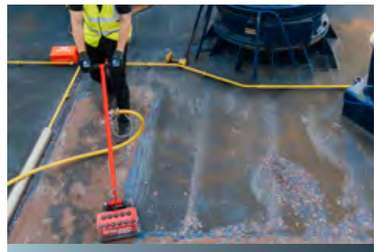
*Certified for use in Gas Zone 1 and dust Zone 21



COATING & CORROSION REMOVAL



REMOVAL OF ANTI-SKID COATINGS



DUST FREE DESCALING

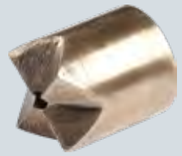
FEATURES & BENEFITS

- ATEX Certified for use without hot work permits
- High production rate of up to 30 m² per hour supports efficient surface preparation
- Low tool head height provides access under pipes and other obstructions
- Easy to change cutter heads help minimise downtime
- Trelawny Vibro-Lo™ low-vibration technology helps reduce operator exposure to vibration-related risks
- Trelawny TVS® vacuum shroud system helps protect operators and the surrounding environment

APPLICATIONS

- Fast removal of coatings, rust and corrosion
- Reduces blast cleaning time and abrasive consumption
- Concrete scabbling and surface preparation
- Aggressive removal of thick coatings ahead of shot blasting
- Gas Ex Zone applications, including rigs, petrochemical plants, pipelines, vessels and shipyards

KEY CONSUMABLES & ACCESSORIES



CRUCIFORM TAPER FIT CUTTER HEAD BERYLLIUM COPPER NON-SPARK

Trelawny Part No. 606.5303
IMPA Part No. 59.03.99 ISSA Part No. 55.095.06



SF11 SERVICE KIT CONSISTS OF: CRUCIFORM SCALER HEAD X11, PISTON X11, BRUSH SEAL X11, CAP X 11, SPRING CAP X11, RECOIL SPRING X11, EXTRACTOR PLATE & EXTRACTOR PIN

Trelawny Part No. 446.1540x
IMPA Part No. N/A ISSA Part No. N/A



PISTON TO FIT CUTTER HEADS

Trelawny Part No. 612.5301
IMPA Part No. N/A ISSA Part No. N/A



BRUSH SEAL

Trelawny Part No. 614.5301
IMPA Part No. N/A ISSA Part No. N/A

TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Fitted with (Head Type)	Air Consumption (lps - cfm)	Sound Power Level Lwa db(A)	Blows Per Minute (BPM)	Vibration m/s²	Weight (Kg)
SF11 EX	159.5930	59.04.00	55.095.01	Beryilium Copper Cruciform Taper fit	33l/s (70cfm)	113.1	3000 x 11	5.76	38

DIMENSIONS

Width (mm)	Working Width (mm)	Height (mm)
285	252	1230

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TVS Tool & Vacuum System

ATEX Approved

KAV PNEUMATIC VACUUM

ATEX-ready dust collection for safer surface preparation.
The KAV industrial dust collectors form an integral part of Trelawny's TVS® (Tool & Vacuum System), providing effective dust extraction for surface preparation tools used in hazardous environments.

KEY BENEFITS

- Fully conductive accessory kit for hazardous-area applications
- Stainless steel canister and caddy provide durability in demanding environments
- Conductive braked castors and wheels support for controlled mobility
- Earth path continuity certificate supplied with each machine
- Type H filtration test certificate supplied where applicable
- Designed for seamless integration with TVS® dust control systems

Trelawny VL-Ex ATEX Classification:

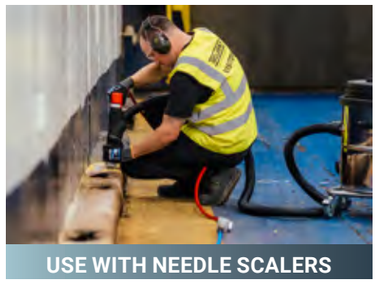
EX II 2 G EX H IIC T4 GB

EX II 2 D EX H IIIC T135 °C DB

*Certified for use in Gas Zone 1 and dust Zone 21



USE WITH SF11



USE WITH NEEDLE SCALERS



HAZARD AND DUST PREVENTION

FEATURES & BENEFITS

- High production rate of up to 30 m² per hour supports efficient surface preparation
- Dry, Wet & Dry and Type H versions available
- Supplied with a 38 mm anti-static tool kit for safe and practical operation

APPLICATIONS

- Recommended for use with Trelawny's TVS® range of descaling tools and machines
- Collection of dust in hazardous environments categorised under category 2 of the ATEX directive
- Collection of dry dust and wet material

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KEY CONSUMABLES & ACCESSORIES



DRUM ADAPTER HEPA CARTRIDGE (HEPA FILTER INCLUDED)

Trelawny Part No. 303.1062



HEPA FILTER

Trelawny Part No. 303.1061



14 " ANTI-STATIC FILTER

Trelawny Part No. 303.1025/AS



14" ANTI-STATIC FLOAT ASSEMBLY - WET USE

Trelawny Part No. 303.1050/AS



38 MM X 3M ANTI-STATIC HOSE

Trelawny Part No. 303.1075/AS



38MM ANTI-STATIC DRY TOOL KIT

Trelawny Part No. 303.1085/AS



38MM ANTI-STATIC WET TOOL KIT

Trelawny Part No. 303.1095/AS



38MM ANTI-STATIC FLOOR TOOL WITH BRUSHES

Trelawny Part No. 303.1100/AS



38MM X 125MM ANTI-STATIC DUSTING BRUSH

Trelawny Part No. 303.1105/AS



38MM STAINLESS STEEL TAPER TUBE FOR JOINING HOSES

Trelawny Part No. 303.1110



K4 DISPOSABLE BAGS - PACK OF 10 - FOR DISPOSING OF SEALED WASTE SUCH AS HAZARDOUS DUST

Trelawny Part No. 303.1005



5 X K4 MICROFIBRE BAGS FOR DRY USE APPLICATIONS

Trelawny Part No. 303.1003

TECHNICAL DATA

Model	Part No.	Capacity (Litres)	Output flow (M^3 per h / Lt per sec)	Air Consumption (Lt per sec / cfm)	Max vacuum at 100 psi (mm H20)	Weight (Kg)	Dimentions mm L x W x H
KAV30 Dry	303.10KAV30/D	30	110 - 33	16 l/s (35cfm)	2500mm / water gauge	14.5	890 x 460 x 500
KAV30 Dry Type H	303.10KAV30/DH	30	110 - 33	16l/s (35cfm)	2500mm / water gauge	20.8	1110 x 460 x 500
KAV30 Wet & Dry	303.10KAV30/WD	30	110 - 33	16 l/s (35cfm)	2500mm / water gauge	14.5	890 x 460 x 500

Dry models complete with:

- 38mm Tool Kit (Part No. 303.1085/AS)
- 14" Anti-Static Filter Assembly (Part No. 303.1025/AS)
- 5 X K4 Microfibre Bags (Part No. 303.1003)

Wet & Dry models complete with:

- 38mm Tool Kit (Part No. 303.1095/AS)
- 14" Anti-Static Float Assembly (Part No. 303.1050/AS)
- 14" Anti-Static Filter Assembly (Part No. 303.1025/AS)
- 5 X K4 Microfibre Bags (Part No. 303.1003)

Dry Type H models complete with:

- 38mm Tool Kit (Part No. 303.1085/AS)
- 14" Anti-Static Filter Assembly (Part No. 303.1025/AS)
- HEPA Filter (Part No. 303.1061)
- 5 X K4 Microfibre Bags (Part No. 303.1003)

TRELAWNY RECOMMENDS AN OPTIMUM AIR PRESSURE OF 6 BAR FOR MAXIMUM EFFICIENCY

** ATEX Directive 99/92/EC - referring to health and safety of workers that might be at risk from explosive atmospheres. Classifies hazardous areas into zones which for dust range from zone 20 (combustible dust present continuously or for long periods); through zone 21 (combustible dust likely occasionally) to zone 22 (combustible dust not likely to occur, or for a short period).
** ATEX approved vacuums for use in gas zone 1 and dust zone 21 are available, please ask our sales team for details
** It is the end user responsibility to ensure & maintain a good earth bond at the air connection point
** HEPA - High Efficiency Particulate Air - filter for collection of hazardous dust.

Dealer Stamp:

TECHNISCH BUREAU

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