TRELAWNY™
SURFACE PREPARATION TECHNOLOGY

THE PERFECT FINISH STARTS WITH TRELAWNY

CONSTRUCTION AND INDUSTRIAL EQUIPMENT

CONTENTS

05 SCABBLING

SH Range	6
SC Range	8
VL LRS55 Pole Scabbler	10
VL LRS55 Pole Tamper	12
LPS55 Pole Scabbler/Tamper	14
MHS5 5 Head Concrete Floor Scabbler	16
MHS11 11 Head Concrete Floor Scabbler	18
Additional Scabbling Information	20

21 SCARIFYING

TFP200 Floor Scarifier	22
TFP260 Floor Scarifier	24
Additional Scarifying Accesories	26
Additional Scarifying Information	28

33 GRINDING & POLISHING

TCG250 250mm Single Head Grinder	32
TCG500 500mm Twin Head Floor Grinder	34
Floor Grinder Accesories Application Guide	36
Additional Grinding & Polishing Information	38

41 SURFACE STRIPPING

TFS230 230mm Floor Stripper	40
LR Pneumatic Long Reach Stripper	42
Additional Surface Stripping Information	44

47 INDUSTRIAL

VL Low Vibration Needle/Chisel Scalers	46
B/BPG Needle/Chisel Scalers	48
TVS® Needle Scalers	50
LR Long Reach Needle/Chisel Scaler	52
VL219ES Electric Needle Scaler	54
Chipping and Descaling Kits	56
Replacement Needles	58
Replacement Chisels	59
Trident Neptune	60
PPT Handheld Scarifier Peening Preparation Tool	62
SF Scaleforce Pneumatic Handheld Scaling Hammers	64
SF11 Scaleforce 11 Head Pneumatic Deck Hammer	66

68 DUST CONTROL

A22 Industrial Dust Collector	70
A45 Industrial Dust Collector	72
A70 Industrial Dust Collector	74
KV30 Series K Electric Vacuum	76
KAV30 Series K Atex Approved Pneumatic Vacuums	78
Additional Dust Control Information	80

85 VINYL WRAPPING

Vinyl Wrapping Service	84

ABOUT US

Trelawny is an independent manufacturer of pneumatic tools and surface preparation equipment operating from its headquarters in the engineering heart of the UK in Leamington Spa. For over 60 years Trelawny has been offering a range of equipment for the preparation of concrete, steel and stone in industries which include:

- Construction
- Floor preparation
- Utility contracting
- Marine and offshore (oil and shore)
- Nuclear decommissioning (remeditation)
- Restoration, refurbishment and demolition

Our products are sold worldwide through a global network of quality approved stockists and distributors. The latest techniques of low vibration equipment and dust free working are offered to ensure that job sites are maintained to the highest professional standard.

Our aim is to continue to develop our product offering to satisfy the demand and needs of our customers. With this, we continually seek quality stockists and distributors worldwide who are interested to work with a reputable growing brand and offer the service, back up and know-how our customers require.

SCAN HERE TO VISIT OUR YOUTUBE CHANNEL

WHAT IS SURFACE PREPARATION

Prior to the application of any coatings or further treatment, surface preparation is the process of treating the surface, either mechanically or chemically. The aim is to increase the surface's attraction to coatings and is crucial to their success.

Definitions of surface preparation

"The process of treating a surface in order to increase its attraction to coatings. Surface preparation can be mechanical or chemical and is crucial to the success of a coating."

"Correct surface preparation is key, prior to applying any coating or covering to a concrete substrate."

"Surface preparation is considered to be the most important step of any flooring application. Improper surface preparation could turn what seems to be a simple process into a lengthy difficult repair."

WHAT METHODS CAN BE USED IN SURFACE PREPARATION?

Scabbling
Using compressed air to hammer pistons into the concrete, leaving a rough surface

Scraping
Using a rapid, hammering action to increase production on all types of floor covering removal.

Scarifying
Using loosely mounted cutters to remove material by a chipping action, with operator to controlled depth of cut. Various styles can be achieved with interchangeable assemblies for light or heavy stock removal.

Grinding
Using horizontally rotating discs to level, smooth or clean concrete. They use a quick release diamond tooling system and provide a smoother finish than scarifiers and scabblers.

TECHNICAL FEATURES AND INNOVATION

Low Vibration

As those within the industry will be aware, permanent injury can result to the hands and arms from the vibration caused by operating powered equipment. Occasional exposure is unlikely to cause ill health, however regular and frequent exposure to Hand Arm Vibration (HAVS) needs to be managed in order to protect operators.

As a quality and responsible manufacturer, health and safety issues such as these, are a significant factor in Trelawny's design considerations for each tool and machine. We have developed a particular range of reduced vibration pneumatic hand tools, under our trademark Vibro-Lo™, in order to help protect the user from injury.

Furthermore, we fit our machines with a dead man's handle device and ensure that motor controls have "zero volt and thermal overload protection". Due to these safety precautions, our equipment counteracts the hazards of HAVS and stands at the forefront of the market with world leading designs of quality, efficiency and safety.

For further information on HAVS, please visit www.hse.gov.uk/vibration.

Dust Control

The nature of our tools and machines is to remove surface coatings and as a consequence, this can create dust in the surrounding atmosphere. In order to combat this, we provide dust shrouds for all of our equipment, which when connected to vacuum dust collectors (also available from Trelawny SPT), enables the collection of dry dust and debris.

Our Tool and Vacuum System (TVS®) range of products has been designed specifically to ensure the recovery of lead based paint, radioactive contaminants and other hazardous and non-hazardous materials from the source of surface preparation equipment and hand tools, which further provides a safe and clean working environment.

Non spark tools

In industries such as nuclear and steel preparation, our tools will often be used to carry out projects in hazardous and flammable environments. For such circumstances, we produce spark resistant copper beryllium needles and cutter heads.

This metal combines high strength with non-magnetic and non-sparking qualities to deliver a safe, yet efficient execution of the task at hand.

ATEX

ATEX is a directive outlining a number of technical and quality objectives that must be complied with to the satisfaction of a third party certification association.

A potentially explosive atmosphere exists when a mixture of air gases, vapours, mists or dusts combine in a way that can ignite under certain operating conditions.

Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX) cover a range of products, including those used on fixed offshore platforms, petrochemical plants, mines and flour mills amongst others.

The ATEX Directive 2014/34/EU covers equipment and protective systems intended for use in potentially explosive atmospheres. The directive defines the essential health and safety requirements and conformity assessment procedures, to be applied before products are placed on the EU market.

Directive 99/92/EC (also known as 'ATEX 137' or the 'ATEX Workplace Directive') refers to the minimum requirements for improving the health and safety protection of workers potentially at risk from explosive atmospheres.

SH RANGE

Low vibration options available

Dust control options available

The SH1 and VL SH1 single head scabblers are the ideal tools for roughing and preparing concrete in small areas such as concrete joints.

The VLSH1 low vibration model helps reduce the risk to operators of vibration related injuries.

The SH3 triple head scabblers are the ideal tools for roughening and preparing concrete in larger areas such as walls and columns.

The optional TVS® vacuum shroud allows the connection of an industrial dust collector for collecting nuisance and hazardous dust for protection of operators and environment.

Safety built in as standard.

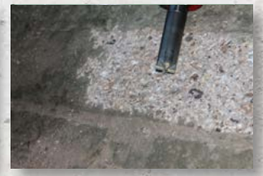
FEATURES

- Replaceable tough carbide tipped piston for fast production and long service life
- Side handle on triple models for greater control
- Triple headed models can be used in two configurations, the optional In-Line position aiding access to prepare narrow joints.
- Short & in-line models available
- Simple and robust design for low and easy maintenance
- TVS® dust shrouded models available

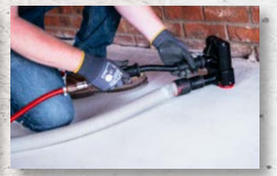
APPLICATIONS

- Removal of laitance
- Roughening and exposing aggregate
- Preparing joints and cracks
- Removing coatings
- Reduction and levelling

Reducing Levels on Concrete



Roughening Concrete



TVS® Dust Shroud

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	612.5320	Single Piece Cruciform Piston Flatter surface profile, ideal for fast reduction of material
	612.5325	Single Piece Bush Piston Rough pitted profile, ideal for application of fresh concrete or coatings
	446.1620 446.1625	SH1 Service Kit (Cruciform/Bush Piston) Consists of: - Valve Cap O'Ring, Valve Spring, Valve Stem, Valve Seat O'Ring, Throttle Lever, Spring Pin (1 each) - Screwed Cap, Compression Spring, Cap Spring, Brush Seal, Piston (1 each)
	446.1630 446.1635	SH3 Service Kit (Cruciform/Bush Pistons) Consists of: - Valve Cap O'Ring, Valve Spring, Valve Stem, Valve Seat O'Ring, Throttle Lever, Spring Pin (1 each) - Screwed Cap, Compression Spring, Cap Spring, Brush Seal, Piston (3 each)
	437.5100	SH1 Vacuum Shroud * Not available for low vibration models
	437.5300	SH3 Vacuum Shroud
	859.1555	½" BSP Inline Lubricator
	458.1555	Whip Hose & Oiler Assembly Consists of Whip Hose, Whip Check and ½ Inline Lubricator
	421.3452	Whip Hose Consists of Air Hose 3/8" BSP Claw - 2m
	815.5550	Whip Check

TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Working Height (mm)	Blows Per Minute (BPM)	Air Consumption (lps - cfm)	Noise Level (db (A))	Vibration Level (Aeq m/s²)
Low Vibration Single Scabbler Bush Hammer Head	196.5105	2.5	515	160	2900	4.25 - 9	91	4.50
Low Vibration Single Scabbler Cruciform Head	196.5100	2.5	515	160	2900	4.25 - 9	91	4.50
Single Scabbler Cruciform Head fitted with shroud	139.5192	2.7	485	160	2400	3.7 - 8	94	6.96
Triple Scabbler Side Handle Bush Hammer Head	153.5250	5.2	450	160	2400 x 3	7 - 15	98	8.7
Triple Scabbler Side Handle Cruciform Head	153.5200	5.2	450	160	2400 x 3	7 - 15	98	8.7
Triple Scabbler with Shroud Cruciform Head Short Handle	139.5390	5.2	380	160	2400 x 3	7 - 15	98	8.7
Triple Scabbler with Shroud Cruciform Head	139.5392	5.2	450	160	2400 x 3	7 - 15	98	8.7

SC RANGE

The SC1 is the most powerful single head scabbler for heavy duty applications.

The flush fitting top cap and replaceable cylinder sleeve make servicing simple and fast.

The SC3 is the most powerful triple head scabbler for heavy duty applications.

The back handle desigh provides the operator optimum control.

FEATURES

- Single or triple replaceable tough carbide tipped piston for fast production and long service life
- Top handle on SC3 for control
- Reduced vibration single headed model
- Simple and robust design for low and easy maintenance

APPLICATIONS

- Removal of laitance
- Roughening and exposing aggregate
- Preparing joints and cracks
- Removing coatings
- Reduction and levelling

Reducing Levels on Concrete

Roughening Concrete

Concrete Preparation

KEY CONSUMABLES & ACCESSORIES

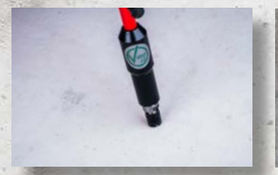
Image	Part Number	Description
	612.6000	Single Piece Cruciform Piston Flatter surface profile, ideal for fast reduction of material
	612.6010	Single Piece Bush Piston Rough pitted profile, ideal for application of fresh concrete or coatings
	446.1650 446.1655	SC1 Service Kit (Cruciform/Bush Piston) Consists of: - Valve Cap O'Ring, Valve Spring, Valve Stem, Valve Seat O'Ring, Throttle Lever, Spring Pin (1 each) - Cylinder Sleeve, Piston, Nylon Pad, Cylinder O'Ring (1 each)
	446.1660 446.1665	SC3 Service Kit (Cruciform/Bush Pistons) Consists of: - Valve Cap O'Ring, Valve Spring, Valve Stem, Valve Seat O'Ring, Throttle Lever, Spring Pin (1 each) - Cylinder Sleeve, Piston, Nylon Pad, Cylinder O'Ring (3 each)
	859.1555	½" BSP Inline lubricator
	458.1555	Whip Hose & Oiler Assembly Consists of Whip Hose, Whip Check and ½ Inline Lubricator
	421.3452	Whip Hose Consists of Air Hose 3/8" BSP Claw - 2m
	815.5550	Whip Check

TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Working Height (mm)	Blows Per Minute (BPM)	Air Consumption (lps - cfm)	Noise Level (db (A))	Vibration Level (Aeq m/s²)
Heavy Duty Single Scabbler Bush Hammer Head	151.6171	2.85	520	130	2800	5.6 - 12	98.5	9.40
Heavy Duty Single Scabbler Cruciform Head	151.6170	2.85	520	130	2800	5.6 - 12	98.5	9.15
Triple Scabbler Back Handle Bush Hammer Head	153.6151	4.8	460	220	2800 x 3	7.5 - 16	98.5	15.52
Triple Scabbler Back Handle Cruciform Head	153.6150	4.8	460	220	2800 x 3	7.5 - 16	98.5	13.31

VL LRS55

POLE SCABBLER



Scabbling Concrete

Concrete Removal

Texturing Concrete

Low vibration options available

The VL LRS55 is a powerful long reach scabbler for vertically preparing hard to reach areas.

At 1.3 metres in length it allows scabbling below the reinforcement bar.

The powerful blow quickly removes concrete without damaging the underlying substrate.

Vibro-Lo™ low vibration system fitted as standard, helping to reduce risks to operators of vibration related injuries.

Safety built in as standard.

FEATURES

- Replaceable pin fit carbide tipped scabbling heads
- Long handle for extended reach into inaccessible areas
- Angled air inlet to direct hose away from operator
- Hand guard to protect operator

APPLICATIONS

- Heavy scabbling of hard to access areas such as below re-inforcement bars and between shuttering
- Scabbling of corners, edges and joints
- Fast removal of material
- Aggressive keying without damaging the substrate

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	441.5359	Scabbler Head 5 Point Bush Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5369	Scabbler Head 9 Point Bush Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5360	Scabbler Head Cruciform Pin fit - including pin Flatter surface profile, ideal for fast reduction of material
	446.5000	VL LRS55 Service Kit Consists of: - Valve Spring, Valve Seat O'Ring, Throttle Lever Roll Pin, Thrust Ring, Circlip, Spring, (1each) - Piston O'Ring, Wiper Seal, Valve Stem O'Ring, Piston Roll Pin (1 each) - Locking Pin, Centre Bar O'Ring (2 each)
	859.1580	¾" BSP Inline Lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ¾" lubricator
	843.0752	¾" Air Hose Complete with couplings 15m length
	815.5550	Whip Check

TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Vibration Level (Aeq m/s²)
VL LRS55 c/w 5 Point Scabbler Head	150.5320	21.5	1270	1300	11.6 - 24.6	4.2
VL LRS55 c/w 9 Point Scabbler Head	150.5321	21.5	1270	1300	11.6 - 24.6	4.2

Note: Can be converted to a pole compactor by changing the scabbler head with a tamper foot.

VL LRS55

POLE TAMPER

Low vibration options available

The VL LRS55 Pole tamper is a unique tool specifically designed for small area reinstatement tasks.

Developed in association with utility companies and conforming with the New Roads and Streets Works Act (UK), it is perfect for water, electric and gas companies.

The unique Vibro-Lo™ vibration damping system not only helps to protect the operator from vibration related injury it also ensures maximum control when working in tight, narrow trenches and around delicate utilities.

Safety built in as standard.

FEATURES

- Replaceable pin fit compactor feet
- Unique vibration dampening system
- Angled air inlet to direct hose away from operator
- Hand guard to protect operator
- Secondary handle for improved controllability
- Lightweight and compact

APPLICATIONS

- Small reinstatement around water meters and stopcocks
- Narrow trench work carried out by cable companies
- Compaction of tarmacadam or asphalt
- Compacting close to walls and street fittings
- Back fill small areas
- HAUC Compliant compacts up to 2.19 tonnes/m³ Suitable for pathways & highway re-instatement.

Back Fill Compaction

Asphalt Compaction

Reinstatement Compaction

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	450.5017	Round Foot Compactor - 127 mm (5" Round) Pin fit
	450.5011	Square Foot Compactor - 100 x 100mm (4" x 4") Pin fit
	450.5013	Compactor Foot - 152 x 127mm (6" x 5") Pin fit
	450.5016	Compactor Foot - 100 x 200mm (4" x 8") Pin fit
	446.5000	VL LRS55 Service Kit Consists of: - Valve Spring, Valve Seat O'Ring, Throttle Lever Roll Pin, Thrust Ring, Circlip, Spring, (1each) - Piston O'Ring, Wiper Seal, Valve Stem O'Ring, Piston Roll Pin (1 each) - Locking Pin, Centre Bar O'Ring (2 each)
	859.1580	¾" BSP Inline Lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ¾" lubricator
	843.0752	¾" Air Hose Complete with couplings 15m length
	815.5550	Whip Check

TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Vibration Level (Aeq m/s²)
VL LRS55 c/w 5" Round Compactor Foot	150.5331	21.5	1270	1300	11.6 - 24.6	3.5
VL LRS55 c/w 4" x 4" Compactor Foot	150.5330	21.5	1270	1300	11.6 - 24.6	3.5
VL LRS55 c/w 6" x 5" Compactor Foot	150.5335	21.5	1270	1300	11.6 - 24.6	3.5
VL LRS55 c/w 5" Round Compactor Foot - Extended	150.5430	21.5	1670	1300	11.6 - 24.6	3.5

Note: Can be converted to a pole scabbler by changing the compactor foot with a scabbler head.

LPS55

POLE SCABBLER

The LPS55 is a powerful long reach scabbler for vertically preparing hard to reach areas.

At 1.4 metres in length it allows scabbling below the reinforcement bar.

The powerful blows quickly remove concrete without damaging the underlying substrate.

FEATURES

- Replaceable pin fit carbide tipped scabbling heads
- Long handle for extended reach into inaccessible areas
- Angled air inlet to direct hose away from operator
- Hand guard to protect operator

APPLICATIONS

- Heavy scabbling of hard to access areas such as below re-inforcement bars and between shuttering
- Scabbling of corners, edges and joints
- Fast removal of material
- Aggressive keying without damaging the substrate

Scabbling Concrete

Concrete Removal

Preparing Joints

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	441.5359	Scabbler Head 5 Point TCT Bush Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5369	Scabbler Head 9 Point TCT Bush Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5360	Scabbler Head Cruciform Pin fit - including pin Flatter surface profile, ideal for fast reduction of material
	450.5017	Round Foot Compactor - 127 mm (5" Round) Pin fit
	450.5011	Square Foot Compactor - 100 x 100mm (4" x 4") Pin fit
	450.5013	Compactor Foot - 152 x 127mm (6" x 5") Pin fit
	450.5016	Compactor Foot - 100 x 200mm (4" x 8") Pin fit
	859.1580	¾" BSP Inline Lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ¾" lubricator
	843.0752	¾" Air Hose Complete with couplings 15m length
	815.5550	Whip Check
	446.5000	Service Kit consists of: Bush TCT Pin Fit with Pin (1each), Valve Stem (1each), Spring Seat (1each) Spring Valve (1each), Valve Stem Seal O'Ring (1each), Valve Stem Seat O'Ring (1each) Centre Bar O'Ring (1each), Piston Roll Pin (1each), Wiper Seal (1each)

TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Vibration Level (Aeq m/s²)
LPS55 c/w 5 Point Scabbler Head	150.5001	13.4	1392	1300	11.6 - 24.6	38.60
LPS55 c/w 9 Point Scabbler Head	150.5002	13.4	1392	1300	11.6 - 24.6	38.60
LPS55 c/w 5" Round Compactor Foot	150.5031	13.4	1392	1300	11.6 - 24.6	38.60
LPS55 c/w 4" x 4" Compactor Foot	150.5030	13.4	1392	1300	11.6 - 24.6	38.60
LPS55 c/w 6" x 5" Compactor Foot	150.5021	13.4	1392	1300	11.6 - 24.6	38.60

MHS5

5 HEAD CONCRETE FLOOR SCABBLER

TVS® Dust Shroud as Standard

The MHS5 is the heavy duty floor scabbler of choice for fast reduction of levels.

5 x 50mm (2") carbide tipped heads give 1300 powerful blows each producing a heavy key for application of fresh concrete and overlays.

Integrated TVS® vacuum shroud allows the connection of an industrial dust collector for collecting nuisance and hazardous dust.

Production rates in excess of 40 m^2 per hour.

FEATURES

- 5 replaceable carbide tipped pin fit scabbling heads
- Height adjustable handle for operator comfort
- Heavy body gives control, performance and long service life
- Efficient design gives 45% lower air consumption than the main competition without sacrificing performance
- Fitted with Trelawny Vibro-Lo™ vibration damping system for operator comfort

APPLICATIONS

- Fast reduction of levels
- Correct preparation for new applications of concrete
- Removal of heavy coatings
- Removal of contaminated materials and coatings with safe containment via standard fit Trelawny TVS® vacuum shroud

Laitance Removal

Fast Removal of Concrete

Reducing High Spots

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	441.5360	Scabbler Head Cruciform Pin fit - including pin Flatter surface profile, ideal for fast reduction of material
	441.5359	5 Point Bush Hammer Scabbler Head Pin fit Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5369	9 Point Bush Hammer Scabbler Head Pin fit Rough pitted profile, ideal for application of fresh concrete or coatings
	859.1580	¾" BSP Inline Lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ¾" lubricator
	843.0752	¾" Air Hose Complete with couplings 15m length
	815.5550	Whip Check

TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Height (mm)	Width (mm)	Cutting Width (mm)	Blows per Minute (BPM)	Air Consumption (lps - cfm)	Noise Level (db (A))	Vibration Level (Aeq m/s²)
MHS5 Floor Scabbler 5 Point Head	159.5050	114	1100	970	720	290	1300 x 5	38 - 80	94.7	16.5
MHS5 Floor Scabbler 9 Point Head	159.5075	114	1100	970	720	290	1300 x 5	38 - 80	94.7	16.5

MHS11

11 HEAD CONCRETE FLOOR SCABBLER

Low vibration options available

Dust Shroud as Standard

Developed in conjunction with the 'CITB - Construction Industry Training Board'.

The MHS11 introduces a new concept in pneumatic floor scabblers. Using smaller heads with a 70% increase in BPM (Blows Per Minute) and a 30% reduction in air consumption, the MHS11 maximises productivity, efficiency, value and ergonomics, without compromise.

It is the perfect machine for fast removal of laitance, level reduction and profiling for new concrete and thick screeds and sealants.

Production rates in excess 30 m^2 per hour.

Safety built in as standard.

FEATURES

- 11 replaceable carbide tipped scabbling heads for fast production and long service life
- 4,000 light blows per minute for fast production without damaging the underlying substrate
- Vibro-Lo™ technology for reduced vibration
- Trelawny TVS® shroud system included as standard for protection of operators and surrounding environment

APPLICATIONS

- Removal of laitance, roughening, and reduction of levels
- Aggressive keying without damaging the substrate
- Removal of coatings
- Fast removal of hazardous coatings and contaminated materials with TVS® shroud system.

Concrete Scabbling

Dust-free

Laitance Removal

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	612.0125	One Piece Piston, Tungsten Carbide Tipped, Bush Hammer Head
	446.6000	MHS11 Service Kit (1 Piece Piston) Consists of: Single Piece Piston, Brush Seal & O'Ring (11 each)
	437.0120	Vacuum shroud
	859.1580	¾'' BSP Inline Lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ¾'' lubricator
	843.0752	¾'' Air Hose Complete with couplings 15m length
	815.5550	Whip Check

TECHNICAL DATA

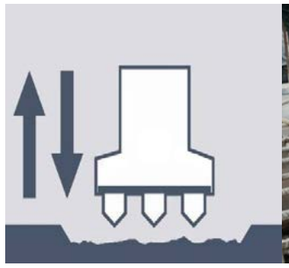
Model	Part Number	Weight (kg)	Length (mm)	Height (mm)	Width (mm)	Cutting Width (mm)	Blows per Minute (BPM)	Air Consumption (lps - cfm)	Noise Level (db (A))	Vibration Level (Aeq m/s^2)
MHS11 One Piece Bush Piston fitted w/ Dust Shroud	159.6050	70	340	1290	285	250	2200 x 11	26 - 55	97	5.0

HOW THEY WORK

Scabblers are percussive pneumatic tools (driven by a portable air compressor) using carbide tipped cutting heads that impact the concrete. They operate by pounding a number of tipped cutters down onto the concrete surface in rapid succession. It takes several passes with the machine to achieve the desired depth.

Scabblers are available in a range of sizes from small hand held tools to multi-head floor machines.

Scabblers leave a rough heavy profile.



APPLICATIONS

You would use scabblers to:

- Prepare surfaces for application of fresh concrete, grout, mortars and renders without damaging the substrate
- Reduce concrete levels over 6mm
- Remove very thick coatings
- Remove laitance
- Expose aggregate
- Rectify over poured slabs
- Create a heavy profile where material requires a heavy mechanical key

ATTACHMENT OPTIONS

2 types of cutter heads are available for the Trelawny range of scabblers.

Bush Hammer Heads
Use carbide tips to produce a rough pitted profile exposing aggregate and providing a strong mechanical key for the application of fresh concrete or coatings.

Cruciform Heads
Use carbide tips in cross shape to produce a cutting action leaving a flatter surface profile ideal for fast reduction of material.

HINTS & TIPS

Air tools are potentially dangerous, always ensure tools and machines are kept well maintained, torque settings are adhered to, correct fittings and safety whip checks are used and correct air pressure is maintained.

Correct air pressure should be used to ensure optimum performance of the tool and reduce premature wear and tear.

Allow the tool to do the work, putting excess pressure on the head will not allow the heads to reach their full extension potentially stalling the tool and reducing performance.

Scabblers are the ideal machines for heavy duty preparation of concrete, being fast and aggressive in their application.

TFP200
FLOOR SCARIFIER

Dust control options available

The smallest in the TFP range of scarifiers the TFP200 is perfect for small to medium jobs.

The rigid steel chassis ensures a strong, stable machine suitable for accurate surface preparation of concrete and steel surfaces, removing coatings, levelling and texturing.

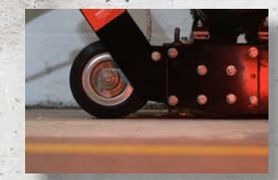
The TFP200 is also our most popular machine for equipment hire fleets, a versatile range of power options together with simple operation and maintenance makes it the machine of choice for a demanding industry.

FEATURES

- 200mm cutting width
- Easy to use, maintain and manoeuvre
- Precise screw type cutter height adjustment for accurate removal and milling
- Angled dust port allows connection of industrial dust collector giving virtually dust free performance
- Choice of electric, petrol and pneumatic power sources for operation in a wide range of applications
- Rear mounted electrical switchgear utilizing vibration resistant components
- Customizable Heavy Duty Vinyl wrap

APPLICATIONS

- Suitable when manoeuvrability is important
- Removal of hard coatings
- Levelling and removing layers of hard materials such as concrete
- Removing painted lines
- Grooving and texturing concrete
- Removal of coatings and scale from steel surfaces



Levelling

Dust Free

Coating Removal

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	320.5500	Tungsten Carbide Tipped Cutters For all concrete texturing, scabbling, planing and grooving applications
	320.4140	Spacers Used to create a gap in between cutters 88 required per TCT drum 196 required per grooving drum 72 required per milling drum
	320.3658	Star Cutters For the removal of paint, coatings and laitance. Deck descaling
	320.5120	Beam Cutters For the removal of paint, coatings, laitance, grease, dirt and ice deposits. Deck descaling
	320.5600	Milling Cutters For the removal of thermoplastic road and runway markings, bituminous and rubber deposits.
	320.9620	Wire Brush For general cleaning and removal of light surface rust.

TECHNICAL DATA

Model	Part Number	Weight (Kg)	Power (HP - kW)	Voltage (v)	Cycle (Hz)	Cutter Speed (RPM)	Plug Size	Transformer Size	Recommended Cable Size (CSA)	Recommended Cable Length	Engine Type	Air Consumption	Vibration Level (Aeq m/s2)
TFP200 Petrol	320.2400T	64	5.5 - 4.1	-	-	1833	-	-	-	-	Honda GX160	-	6.9
TFP200 110v TCT 50Hz	320.2402T	71	3 - 2.2	110	50	1650	32Amp	3 Kva*	4mm	20m	-	-	4.4
TFP200 230v TCT	320.2404T	71	3 - 2.2	230	50 / 60	1650	16Amp	-	4mm	40m	-	-	4.4
TFP200 400v TCT	320.2406T	71	3 - 2.2	400	50 / 60	1650	16Amp	-	4mm	40m	-	-	4.4
TFP200 110v TCT 60Hz	320.2416T	71	3 - 2.2	110	60	1650	32Amp	3 Kva*	4mm	20m	-	-	4.4
TFP200 Air TCT	320.2412T	62	3.5 - 2.6	-	-	1528	-	-	-	-	-	78lps - 165cfm	4.4

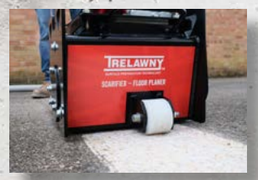
DIMENSIONS

Working Width (mm)	Length (mm)	Width (mm)	Height (mm)	Maximum Cutting Depth (mm)	Working Distance from Wall (mm)	Vacuum Take Off Diameter (mm)
200	900	350	900	3	55	50

- Trelawny recommends the use of a minimum 5 Kva continuous rated centre tap transformer with their 110v machines.
- All part numbers specified above are for machines complete with 5 point tungsten carbide tipped (TCT) cutters. For machines requiring alternative cutting media please specify.

TFP260

FLOOR SCARIFIER



Reducing Levels on Concrete

Roughening Concrete

Use with A45 Dust Collector

Dust control options available

The TFP260 is a heavy duty machine for medium to large jobs.

Increased weight and power give exceptional performance for a machine in this segment.

Robust chassis construction and a heavy duty double web cutter drum ensure the TFP260 keeps working on the toughest of surface preparation jobs.

The quick lift drum mechanism gives additional control to the operator.

FEATURES

- 250mm cutting width
- Tough 8mm welded steel construction for added weight and strength
- Precise screw type height adjustment with quick lift drum lever for accurate working and operator control
- Angled dust port allows connection of industrial dust collector giving virtually dust free performance
- Rear mounted electrical switchgear utilizing vibration resistant components

APPLICATIONS

- Suitable for medium to large jobs
- Removal of hard coatings
- Levelling and removing layers of hard materials
- Removing painted lines

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	320.7009	Tungsten Carbide Tipped Cutters For all concrete texturing, scabbling, planing and grooving applications
	326.3658	Star Cutters For the removal of paint, coatings and laitance. Deck Descaling
	326.5120	Beam Cutters For the removal of paint, coatings, laitance, grease, dirt and ice deposits. Deck Descaling
	320.5680	Milling Cutters For the removal of thermoplastic road and runway markings, bituminous and rubber deposits.
	320.4160	Spacers Used to create a gap in between cutters.

- Note: Please see page 26 for detailed information on the full TFP260 accessories range.

TECHNICAL DATA

Model	Part Number	Weight (Kg)	Power (HP - kW)	Voltage (v)	Cycle (Hz)	Cutter Speed (RPM)	Plug Size	Recommended Cable Size (CSA)	Recommended Cable Length	Engine Type	Vibration Level (Aeq m/s2)
TFP260 Petrol	326.2400T	147.5	8 - 6	-	-	1850	-	-	-	Honda GX240	8.8
TFP260 400v	326.2406T	147.5	7.5 - 5.5	400	50/60	1850	16 Amp 5 pin	4mm	40m	-	2.4

DIMENSIONS

Working Width (mm)	Length (mm)	Width (mm)	Height (mm)	Maximum Cutting Depth (mm)	Working Distance from Wall (mm)	Vacuum Take Off Diameter (mm)
250	1010	480	1080	6	75	50

All part numbers specified above are for machines complete with 8 point tungsten carbide tipped (TCT) cutters.
For machines requiring alternative cutting media please specify.

200MM FLOOR SCARIFIER CONSUMABLES AND ACCESSORIES

Image	Part Number	Description	Further Information
	320.002H	Heavy Duty Drum Complete with 12mm shafts	Fitted as standard on all TFP200 machines
	320.002G	Heavy Duty Grooving Drum Complete with 12mm shafts	Ideal for creating a grooved profile in concrete
	320.0020	Cutter Shafts 12mm Diameter	4 Pieces required per drum
	320.5500	Tungsten Carbide Tipped Cutters 5 tips	80 Pieces required per drum
	320.7006	Tungsten Carbide Tipped Cutters 6 tips	80 Pieces required per drum
	320.3658	Star Cutters	208 Pieces required per drum
	320.5120	Beam Cutters	264 Pieces required per drum
	320.5650	Millings Cutters	Half the size of a standard Milling cutter
	320.5600	Millings Cutters	24 Pieces required per drum
	320.4140	Spacers Used to create a gap in between cutters	88 Pieces required per drum - TCT 232 Pieces required per drum - Grooving 72 Pieces required per drum - Milling
	320.1020ST	Drum Assembly TCT Cutters	Consists of drum, 4 12mm Shafts, 80 TCT Cutters & 88 Spacers
	320.1020G	Drum Assembly TCT Grooving	Consists of drum, 4 12mm Shafts, 20 TCT Cutters & 196 Spacers
	320.1020SS	Drum Assembly Star Cutters	Consists of drum, 4 12mm Shafts & 208 Star cutters
	320.1020SB	Drum Assembly Beam Cutters	Consists of drum, 4 12mm Shafts & 264 Beam cutters
	320.1020SM	Drum Assembly Milling Cutters	Consists of drum, 4 12mm Shafts & 24 Milling cutters & 72 Spacers
	320.9620	Drum Assembly Twisted Knot Wire Brush	Consists of drum & twisted wire brush segments
	320.9610	Drum Assembly Crimped Wire Brush	Consists of drum & crimped wire brush segments

250MM FLOOR SCARIFIER CONSUMABLES AND ACCESSORIES

Image	Part Number	Description	Further Information
	326.06DW	Heavy Duty Double Web Drum Complete with 16mm shafts	Fitted as standard on all TFP260 machines
	326.060G	Heavy Duty Grooving Drum Complete with 16mm shafts	Ideal for creating a grooved profile in concrete
	326.0016	Cutter Shafts 16mm Diameter	6 Pieces required per drum
	320.7009	Tungsten Carbide Tipped Cutters 8 tips	124 Pieces required per drum
	326.3658	Star Cutters	342 Pieces required per drum
	326.5120	Beam Cutters	332 Pieces required per drum
	320.5680	Millings Cutters	58 Pieces required per drum
	320.4160	Spacers Used to create a gap in between cutters	128 Pieces required per drum - TCT 224 Pieces required per drum - Grooving
	326.1016ST	Drum Assembly TCT Cutters	Consists of Drum, 6 16mm Shafts, 124 TCT Cutters & 128 Spacers
	326.1016GT	Drum Assembly TCT Grooving	Consists of Drum, 6 16mm Shafts, 36 TCT Cutters & 224 Spacers
	326.1016DS	Drum Assembly Star Cutters	Consists of Drum, 6 16mm Shafts & 342 Star Cutters
	326.1016DB	Drum Assembly Beam Cutters	Consists of Drum, 6 16mm Shafts & 332 Beam Cutters
	326.1016DM	Drum Assembly Milling Cutters	Consists of Drum, 6 16mm Shafts, & 58 Milling Cutters

ELECTRICAL ACCESSORIES

Image	Part Number	Cross Sectional Area (CSA)	Description
	669.3121	4mm	110v Power Cable 20 metres
	669.3122	4mm	230v Power Cable 20 metres
	669.3124	4mm	400v Power Cable 20 metres

HOW THEY WORK

Scarifiers, also called surface planers or milling machines, use a drum of multi-tipped cutters (flails) which rotate at high speed, impacting the surface to provide an aggressive "cut" to the surface. You can choose from many different styles of interchangeable cutter assemblies to achieve the profile you need for each job.

The Trelawny TFP Scarifier range all come with an integrated height adjustment for varying depths of cut. The range offers varying sizes from light duty machines to heavy duty hydraulically driven versions. Quick change drum designs on all models allow you to switch or replace cutters in minutes.

APPLICATIONS

A variety of interchangeable cutters and drum setups allow scarifiers to perform a broad range of profiling tasks.

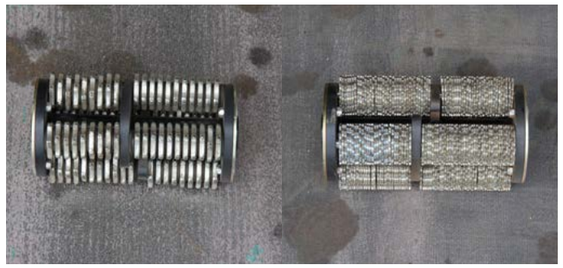
Applications include:
- Removing coatings over 1mm thickness such as screeds, old coatings, adhesives and contaminates.
- Concrete reduction and levelling due to incorrect floor levels.
- Grooving and profiling for non-slip applications such as car parking ramps.
- Provide a textured finish.
- Remove line markings and remove trip hazards.

CUTTER OPTIONS

Most cutters are made of tungsten carbide or hardened steel and come in a range of styles to suit different applications.

You can choose from different diameters and widths, number of cutting teeth, and tip styles (blunt or flat for aggressive removal, sharp for gentler scarifying action, or angled for scraping).

Please see page 26 & 27 for further information on individual cutters and applicable applications.



HINTS & TIPS

Sometimes it's better to do the required cut in two or more passes, taking the level down gradually gives a better, more even finish and more importantly increases the life span of the cutters, shafts and bearings.

Varying the spacing of the cutters helps achieve different finishes – Spacing the cutters further apart will create a coarser profile, closer together will give a smoother finish.

Always plane in straight lines, when doing the second pass plane at a right angle to your original pass.

If you require a smoother finish for application of a thin coating consider the use of a Trelawny concrete grinder after scarifying.

KEY CONSUMABLES & ACCESSORIES

The Trelawny TFP range of floor scarifiers are designed to cover a wide range of applications by simply changing the accessory on the bottom of the machine. The following application chart identifies which accessory to use on your current application...

Key to the guide:
- ★★★ Best method to produce maximum performance or productivity rates for most job applications.
- ★★ Satisfactory performance or productivity rates for most job applications.
- ★ Non-satisfactory (or less satisfactory) performance productivity rates for most job application.

	TCT Cutters	TCT Cutters (Grooving)	Milling Cutters	Star Cutters	Beam Cutters	Wire Brush
Preparation Guide	Heavy Scarifying					Light Scarifying
Roughing / keying texturing concrete. Removal of laitance excess concrete or asphalt			★★★	★★		
Removal of paint, dirt build up, & ice deposits from concrete floors	★		★	★★★	★★	
Concrete grooving applications for non slip surfaces		★★★				
Removal of thermoplastic road, runway markings	★★		★★★	★	★★	
Removal of roofing felts, bituminous & rubber deposits	★★		★★	★★★		
Removal of heavy rust & Scale build up in tanks & deck areas	★★★			★★	★★	
Removal of non-slip paints, epoxies, mastics & rubberised coatings from steel tanks & deck areas	★★			★★★	★	
Removal of paints & coatings from tanks & deck areas	★			★★	★★★	
Bright metal & light rust removal from tanks & deck areas					★★	★★★
Comments	Best for roughing concrete. Aggressive on heavy corrosion. Least favourite for light duty scale and paint removal.	Ideal for concrete grooving of farmyards, public highways, to create non-slip surfaces.	Removal of plastic road markings without penetrating the surface.	Good for the removal of mastics & rubberised coatings, faster cutter wear due to star points	Best for light paint/ corrosion removal as they minimize the damage to surface substrate.	Best for finish cleaning & polishing on steel. Can be used for light concrete deposit. Removal from steel shuttering

GRINDING & POLISHING

TCG250

250MM SINGLE HEAD GRINDER

Low vibration options available

Dust control options available

The TCG250 is a heavy duty single head grinder for levelling and preparation of small to medium areas.

The flexible grinding head ensures maximum contact and usage of the diamond while working over rough surfaces.

A robust design and optimised grinding pressure while maintaining overall compactness together with manoeuvrability make the TCG250 the choice for a wide range of jobs. It is the ideal partner for both specialist contractors and the hire industry.

A flexible range of tooling options complete the perfect package providing a versatile solution to many grinding applications.

FEATURES

- 250mm grinding diameter
- Optimised grinding pressure and speed for high productivity
- Angled dust port for virtually dust free working
- Available with Trelawny quick release tooling (QR) for a wide range of applications
- Optional weight for more aggressive production
- Heavy weight construction but compact for excellent performance with easy manoeuvrability

APPLICATIONS

- Suitable for small and medium jobs
- Fast levelling of high spots
- Removal of coatings and adhesives
- Preparation for new coatings
- Repairing rain damaged concrete
- Polishing of concrete and other materials

Coatings Removal

Grinding Concrete

Use with A22 Dust Collector

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	See Page 37	Diamond Discs Please see page 37 for full options
	350.5660	6 Segment Quick Release Plate For use with Trelawny QR Diamond tooling
	345.2012	Additional Weight Adds 9.35kg to machine weight
	669.3121	110v Power Cable 20 metres
	669.3122	230v Power Cable 20 metres
	669.3124	400v Power Cable 20 metres

TECHNICAL DATA

Model	Part No.	Weight (kg)	Fitted With	Disc Speed (rpm)	Output Power (Hp - kW)	Voltage (v)	Cycle (Hz)	Plug Size (Amp)	Recommended Cable Size (CSA)	Recommended Cable Length	Engine Type	Vibration Level (Aeq m/s2)
TCG250 Petrol	345.2400QR	90	QR Plate	1070	5.5 - 4.1	-	-	-	-	-	Honda GXV160	6.35
TCG250 110V	345.2402QR	90	QR Plate	953	2.5 - 1.8	110	50	32	4mm	20m	-	1.25
TCG250 230V	345.2404QR	90	QR Plate	1385	3 - 2.2	230	50/60	16	4mm	40m	-	0.91
TCG250 400V	345.2406QR	90	QR Plate	1675	7 - 5.5	400	50/60	16	4mm	40m	-	2.34

DIMENSIONS

Grinding Width (mm)	Disc Size (mm)	Length (mm)	Width (mm)	Height (mm)	Vacuum Take Off Dia. (mm)
250	250	1100	450	980	50

Note: Trelawny recommends the use of a minimum 5 Kva continuous rated centre tap transformer with their 110V machines.
Note: Please see page 37 for the full range of Diamond grinding tools available for the TCG250

TCG500

500MM TWIN HEAD FLOOR GRINDER

Low vibration options available

Dust control options available

The TCG500 is the workhorse of choice for contractors looking for a reliable, productive floor grinder.

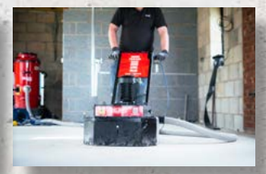
Dual counter rotating grinding heads ensure balanced operation while the flexible disc coupling ensures maximum contact and usage of the diamond while working over rough surfaces.

The additional weight system and flexible tooling allow fine adjustment of performance and make the TCG500 a versatile package for a wide range of applications.

FEATURES

- 500mm grinding width
- Dual dust ports for virtually dust free working
- Available with Trelawny Quick Release tooling (QR) for a wide range of applications
- Additional weights for increased production
- Trelawny Vibro-Lo™ vibration reduction for operator comfort and safety
- Available in a wide range of electric and petrol options

Polishing Concrete Floors



Removing High Spots

Grinding Concrete

APPLICATIONS

- Suitable for medium to large jobs
- Levelling and smoothing of concrete
- Removal of coatings and adhesives
- Preparation for new coatings
- Repairing rain damaged concrete
- Polishing of concrete and other materials

KEY CONSUMABLES & ACCESSORIES

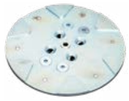
Image	Part Number	Description
	See Page 37	Diamond Disc Please see page 37 for full options
	350.5660	6 Segment Quick Release Plate For use with Trelawny QR Diamond tooling
	669.3121	110v Power Cable 20 metres

Image	Part Number	Description
	669.3122	230v Power Cable 20 metres
	669.3124	400v Power Cable 20 metres
	350.9135	Optional Weight 17.5Kgs

TECHNICAL DATA

Model	Part No.	Weight (kg)	Fitted With	Disc Speed (rpm)	Output Power (Hp - kW)	Voltage (v)	Cycle (Hz)	Plug Size (Amp)	Recommended Cable Size (CSA)	Recommended Cable Length	Engine Type	Vibration Level (Aeq m/s2)
TCG500 Petrol	350.2400QRA	150	QR Plate	360	5.5 - 4.1	-	-	-	-	-	Honda GXV160	2.09
TCG500 Petrol	350.2400QRB	179	QR Plate	360	11 - 8.2	-	-	-	-	-	Honda GXV340	2.09
TCG500 110V	350.2402QR	114	QR Plate	360	3 - 2.2	110	50	32	4mm	20	-	1.6
TCG500 230V	350.2404QR	114	QR Plate	360	3 - 2.2	230	50/60	16	4mm	40	-	1.6
TCG500 400V	350.2406QR	121	QR Plate	360	7.4 - 5.5	400	50/60	16	4mm	40	-	1.6

DIMENSIONS

Grinding Width (mm)	Disc Size (mm)	Length (mm)	Width (mm)	Height (mm)	Vacuum Take Off Dia. (mm)
590	250 x 2	1220	660	914	50

Note: Trelawny recommends the use of a minimum 5 Kva continuous rated centre tap transformer with their 110V machines.
Note: Please see page 37 for the full range of Diamond grinding tools available for the TCG500

FLOOR GRINDER ACCESSORIES & APPLICATION GUIDE

The Trelawny TCG range of floor grinders are designed to cover a wide range of applications by simply changing the accessory on the bottom of the machine. The following application chart identifies which accessory to use for your current application.

	PCD's	16 Grit Soft Bond Diamond	30 Grit Soft Bond Diamond	30 Grit Medium Bond Diamond	30 Grit Hard Bond Diamond	60 Grit Diamond	120 Grit Diamond	Resin Polishing Pads
Very fine grinding of concrete floors	-	-	-	-	-	-	✓	-
Fine grinding of concrete floors	-	-	-	-	-	✓	-	-
Medium grinding of concrete floors	-	-	✓	✓	✓	-	-	-
Coarse grinding of concrete floors	-	✓	-	-	-	-	-	-
Prepare for application of vinyl or tiled floors	-	-	✓	-	-	-	-	-
Remove Polyurethanes	✓	✓	✓	-	-	-	-	-
Remove Epoxies	✓	✓	✓	-	-	-	-	-
Remove adhesive, bitumen, carpet backing	✓	✓	-	-	-	-	-	-
Remove ice & oil build up	✓	-	-	-	-	-	-	-
Grind Asphalt	-	-	-	-	✓	-	-	-
Polish Concrete	-	-	-	-	-	-	-	✓
Comments	Ideal for the removal of soft sticky materials and build ups. Can also be used for removing very hard and thick coatings if 16/30 grit diamonds are not productive	Coarse diamond suitable for grinding off coatings. Will also produce coarser profile for application of thicker coatings	Best for most normal grinding applications for levelling and preparation for new coatings. Normally first step in polishing process if no heavy remedial work is required Soft Bond – for hard concrete Medium Bond – For medium hard concrete Hard bond – for soft/green/rain damaged concrete For very rough concrete use hard bond single segment first	Leaves a smooth fine surface suitable as a finished floor or before application of thin coatings. Removes cratches as second stage of polishing process	Removes scratches from 60 grit diamonds and leaves a very fine finish, used before resin bond polishing pads	Used to produce final polished floor, available in range of grits as part of multi step polishing process.		

DIAMOND DISCS

Image	Part Number	Description
	350.5610RA 350.5616RA 350.5620RA	10 Segment Soft Bond Grinding Disc 16 Segment Soft Bond Grinding Disc 20 Segment Soft Bond Grinding Disc
	350.5610B 350.5616B 350.5620B	10 Segment Medium Bond Grinding Disc 16 Segment Medium Bond Grinding Disc 20 Segment Medium Bond Grinding Disc
	350.5610R 350.5616R 350.5620R	10 Segment Hard Bond Grinding Disc 16 Segment Hard Bond Grinding Disc 20 Segment Hard Bond Grinding Disc

REMOVAL DIAMONDS

Image	Part Number	Description
	365.5495L	PCD Removal Diamond Anti Clockwise For removal of coatings, adhesives & toppings
	365.5495R	PCD Removal Diamond Clockwise For removal of coatings, adhesives & toppings
	365.5500	16 Grit Single (Quick Release) Soft Bond For very coarse grinding and thin coatings removal
	365.5500/2	16 Grit Double (Quick Release) Soft Bond For very coarse grinding and thin coatings removal

GENERAL GRINDING AND LEVELLING

Image	Part Number	Description
	365.5501	30 Grit Single (Quick Release) Soft Bond For hard concrete
	365.5502	30 Grit Single (Quick Release) Medium Bond For medium hardness Concrete
	365.5503	30 Grit Single (Quick Release) Hard Bond For soft concrete or very rough concrete
	365.5501/2	30 Grit Double (Quick Release) Soft Bond For hard concrete
	365.5502/2	30 Grit Double (Quick Release) Medium Bond For medium hardness concrete
	365.5503/2	30 Grit Double (Quick Release) Hard Bond For soft concrete or very rough concrete

FINE GRINDING

Image	Part Number	Description
	365.5504/2	70 Grit Double (Quick Release) Medium Bond For Light Grinding/Scratch Removal
	365.5506/2	120 Grit Double (Quick Release) Medium Bond For Light Grinding/Scratch Removal

POLISHING TOOLS

Image	Part Number	Description
	365.5605	50 Grit Hybrid
	365.5610	100 Grit Hybrid
	365.5620	200 Grit Hybrid
	365.5602A	200 Grit Resin Bond
	365.5604A	400 Grit Resin Bond
	365.5608A	800 Grit Resin Bond
	365.5618A	1500 Grit Resin Bond
	365.5635A	3000 Grit Resin Bond

ACCESSORIES

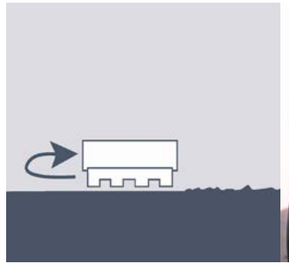
Image	Part Number	Description
	350.5660	6 Segment Quick Release Diamond Plate For use with The Trelawny TCG Floor Grinders
	350.5666	Polishing Plates Used to attach the "Polishing tools" to the Quick Release Plate

HOW THEY WORK

Floor grinders use a horizontal rotating disc to perform a multitude of tasks, commonly fitted with diamonds or other hard abrasives to level, smooth and clean the surface.

Ranging in size from single-disc units for working in small or restricted areas to dual and triple disc machines for high production grinding of large slabs.

All Trelawny machines are equipped with vacuum ports for dust-free dry grinding and include a water attachment for wet grinding options.



APPLICATIONS

Grinders can serve multiple functions and are generally more adaptable than other types of surface prep equipment, especially when it comes to decorative work. They are a good solution for profiling floors before application of thin coatings or paints because they won't create ridges in the surface, where a scarifier will.

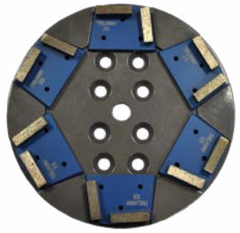
Other applications include breaking up deposits of grease, dirt and industrial contaminants and levelling uneven joints or high spots. Many contractors also use grinders with finer-grit abrasives to polish concrete surfaces.

ATTACHMENT OPTIONS

Investing in an assortment of attachments for your grinder will maximize its versatility and allow you to perform a broader range of tasks with one machine.

Trelawny offer a complete range of diamond tooling in various grit levels, ranging from fine to coarse, and with different bond hardnesses, shapes and diamond concentrations, allowing you to match the tool to your project requirements.

Please see page 37 for further information on the Trelawny range of diamond tooling.

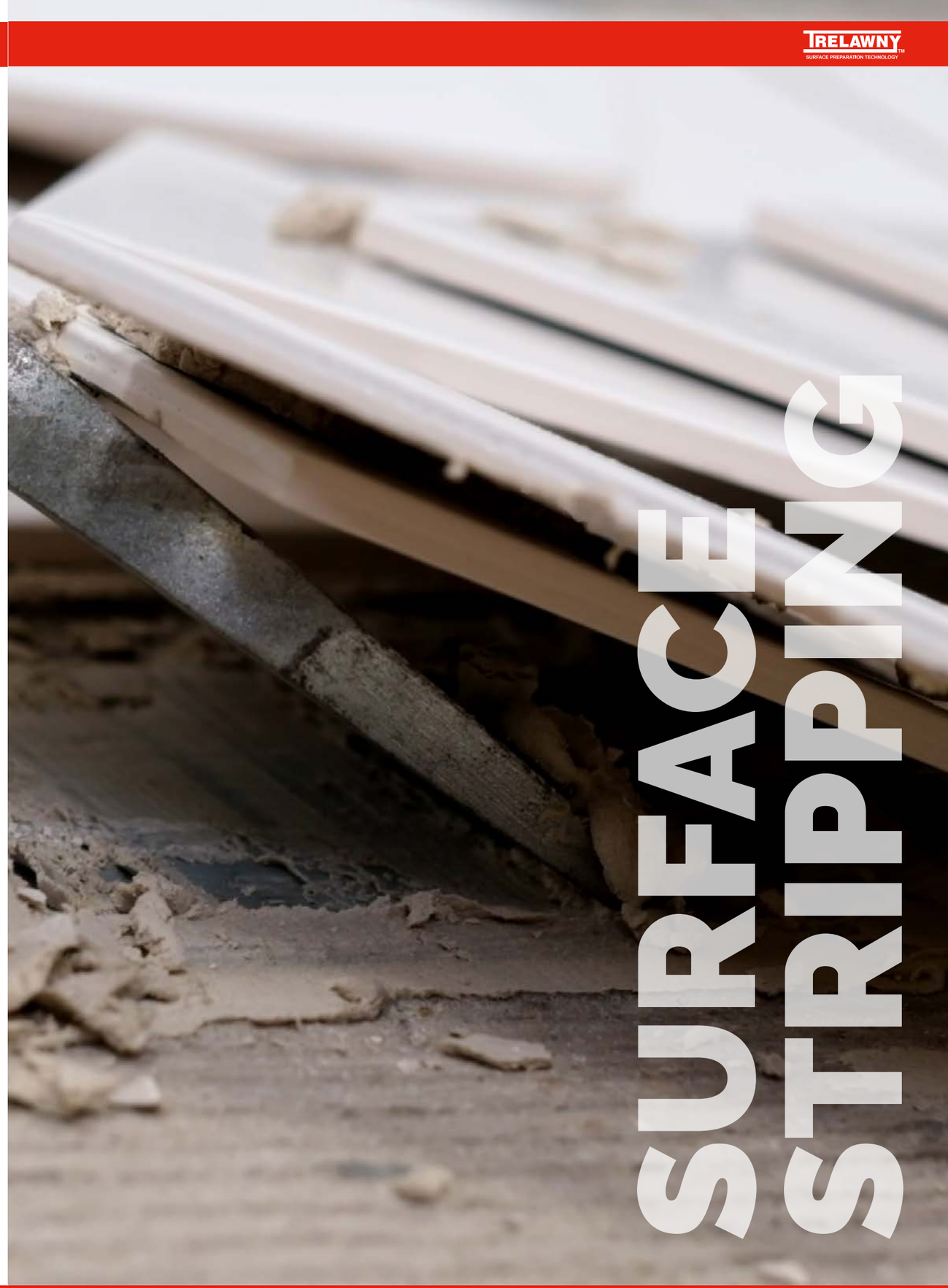


HINTS & TIPS

When operating the TCG grinders gently sway the machine from side to side in order to create an even finish.

Consider a different bond of diamond – soft bonds are for hard concrete and hard bonds for soft concrete – If the diamond performance drops off this may be because they have "glazed" meaning the diamonds are less exposed and become ineffective.

For heavy removal more than 2-3mm consider using a scarifier first.



TFS230

230MM FLOOR STRIPPER

The most robust floor stripper in its class

The TFS230 is the latest addition to the surface stripping range, developed to suit various applications and withstand rough site use.

Its features ensure high performance stripping, easy operation and transportation. The operator's comfort and safety is at the heart of the design.

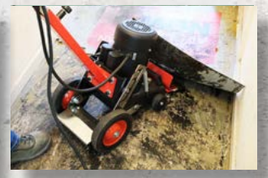
FEATURES

- Kinetic slide mechanism for a rapid and precise movement for high performance stripping
- Robust construction with sealed under carriage
- Height adjustable handle
- 4 position foot pedal
- 2 easy access greasing points for on site maintenance
- Front support wheels for easy operation and transportation

APPLICATIONS

- Removal of Linoleum & Vinyl floor coverings
- Lifting of carpet tiles
- Scraping of backing adhesives & residues

Linoleum Removal



Removing Tiles

Carpet Removal

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	323.3509A	Replacement Blade - Single Working width 230mm
	323.3509	Replacement Blade - Pack of 5 Working width 230mm
	323.3510A	Replacement U Blade - Single Working width 230mm
	323.3510	Replacement U Blade - Pack of 5 Working width 230mm
	669.3121	110v Power Cable 20 metres
	669.3122	230v Power Cable 20 metres

TECHNICAL DATA

Model	Part No.	Weight (kg)	Width (mm)	Working Width (mm)	Length (mm)	Height (mm)	Power (W)	Voltage (A)	Motor RPM (rpm)	Vibration Level (Aeq m/s2)
TFS230 110V	323.2002	45	335	230	875	705	1500	16	1400	11.5
TFS 230 230V	323.2004	45	335	230	875	705	1500	13	1400	11.5

LR

PNEUMATIC LONG REACH STRIPPER

Non spark options available

One tool, multiple applications

The Trelawny long reach stripper range are versatile tools for chipping and scraping tiles, adhesives, screed and vinyl along with many other cleaning and industrial applications.

Available in a range of lengths from 2ft up to 6ft, Long reach tools eliminate the need for manual labour, they are quite literally a back saver!

The aluminium "Lite" version is perfect for jobs that require working overhead or accessing hard to reach areas such as tank cleaning.

Available with a wide selection of chisels and blades, they are perfect for renovation, flooring contractors, roofing, demolition and asbestos abatement.

FEATURES

- Quick change chisel release
- Unique 'LITE' range: light weight models
- Available in 2ft, 4ft, 5ft and 6ft lengths
- Three tools in one: chipping, scraping, descaling
- Requires only 4.5 CFM of air: extremely cost effective, requiring only a small portable compressor
- Perfect tool for equipment hire companies

APPLICATIONS

- Tile removal
- Removal of ice, residues and other adhesives
- Removal of carpet, linoleum
- Chemical spillage removal
- Bituminous products removal

Ceramic Tile Removal

Render Removal

Ship Deck Rust Removal

KEY CONSUMABLES & ACCESSORIES

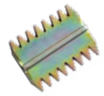
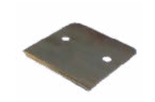
Image	Part Number	Description
	705.1100	229mm Long Chisel with 50mm Wide Blade Spark resistant aluminium bronze for use in hazardous areas
	705.1101	229mm Long Chisel with 25mm Wide Blade Flat chisel for sand cast chipping
	705.1102	203mm Long Chisel with 100mm Wide Blade General chipping applications, asphalt cutter, paint removal
	705.1106	229mm Long Chisel with 50mm Wide Blade Removal of linoleum from floor base
	705.1112	203mm Long Chisel with 100mm Wide Blade Spark resistant aluminium bronze for use in hazardous areas
	705.2102	Cranked 203mm Long Chisel with 100mm Wide Blade Floor tile removal
	708.1100	203mm Long Chisel with Comb Insert For use with comb insert
	708.1101	25mm Long Chisel with 38mm Comb Insert Brick cleaning and reclamation
	446.1090	Each service kit contains: Piston (1 each), Valve Stem (1 each), Spring Valve (1 each) Throttle Lever (1 each), Valve Seat O'Ring (1 each), Valve Cap O'ring (1 each), 3BLR O'Ring 34.6x1.78 (1 each), 3BLR O'Ring 37.8x1.78 (1 each), Spring Pin (1 each)

Image	Part Number	Description
	431.3504 439.3504	102mm Wide Flat Edge Scraper Blade Assembly 102mm Wide Flat Edge Scraper Blade Pack of 5 Removal of adhesives and paint
	431.3508 439.3508	203mm Wide Flat Edge Scraper Blade Assembly 203mm Wide Flat Edge Scraper Blade Pack of 5 Removal of paint and coating spillage
	431.3512 439.3512	305mm Wide Flat Edge Scraper Blade Assembly 305mm Wide Flat Edge Scraper Blade Pack of 4 Removal of carpet and tiles
	431.3904 439.3524	102mm Wide Bevelled Scraper Blade Assembly 102mm Wide Bevelled Scraper Blade Pack of 5 Removal of stubborn adhesive
	431.3908 439.3528	203mm Wide Bevelled Scraper Blade Assembly 203mm Wide Bevelled Scraper Blade Pack of 5 Removal of carpet and tiles
	431.3912 439.3522	305mm Wide Bevelled Scraper Blade Assembly 305mm Wide Bevelled Scraper Blade Pack of 4 Removal of stubborn adhesive
	641.3512 806.0816 824.0800	Blade Holder (Includes 806.0816 & 824.0800) Button Head Screw Nylon Insert Nut
	415.3532	Needle Scaler Conversion Kit Converts your Long reach scraper into a long reach needle scaler

See page 46 for Needle Scaler Models

TECHNICAL DATA

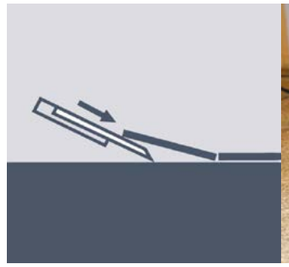
Model	Part No.	Type	Weight (kg)	Length (mm)	Blows Per Minute (BPM)	Air Consumption (lps - cfm)	Noise Level (LwA db(A))	Vibration Level H1 (Aeq m/s²)	Vibration Level H2 (Aeq m/s²)
2ft Chisel	136.3200	Standard	4.80	740	2200	2.1 - 4.5	84	4.1	5.4
4ft Chisel	136.3400	Standard	5.70	1100	2200	2.1 - 4.5	84	8.9	9.5
5ft Chisel	136.3500	Standard	6.25	1400	2200	2.1 - 4.5	86	11.4	10.1
6ft Chisel	136.3600	Standard	6.90	1710	2200	2.1 - 4.5	116	7.7	9.8
4ft LITE Chisel	136.3498	LITE	3.70	1100	2200	2.1 - 4.5	89	13.0	13.2
5ft LITE Chisel	136.3598	LITE	4.05	1400	2200	2.1 - 4.5	89	10.3	10.8
6ft LITE Chisel	136.3698	LITE	4.55	1710	2200	2.1 - 4.5	116	10.4	11.6

HOW THEY WORK

The Trelawny surface strippers use an oscillating blade mechanism to effortlessly remove a wide range of materials from concrete, steel and wooden surfaces.

The high RPM of the oscillating blade makes cutting through stubborn material effortless, and eliminates the traditional method of "hammer and chisel" material removal.

Available in both electric and pneumatic options with an array of attachments make these very versatile machines.



APPLICATIONS

Floor Strippers and Long Reach Strippers are used for:

- Carpet & vinyl removal.
- Adhesive & rubberised coating removal.
- Roofing & bituminous material removal.
- Chipping, lifting, cleaning and cutting.
- De-scaling steel.
- Cleaning and preparing masonry, brick & concrete.
- Paint and coating removal.

ATTACHMENT OPTIONS

A complete range of attachments are available for the pneumatic long reach scalers that Trelawny offer.

Attachments include:

- Spark resistant aluminium bronze chisels for use in hazardous areas.
- Various width chisels to suit specific applications.
- Various width scrapers to suit specific applications.
- Needle scaler attachment to convert the Long Reach into a needle scaler in seconds.
- Comb inserts for brick cleaning and reclamation.

HINTS & TIPS

Electric Floor Stripper

Adjusting the blade pitch allows the operator to position the blade from a shallow angle to a steeper more aggressive cut.

Use the additional weights on tough to remove materials.

Pneumatic Long Reach Strippers

Use the "Long Reach LITE" option when working at heights to increase operator comfort.

Allow the tool to do the work, putting excess pressure on the head will not allow the heads to reach their full extension potentially stalling the tool and reducing performance.

TOOLS FOR SURFACE PREPARATION OF STEEL SURFACES WITHIN INDUSTRIAL ENVIRONMENTS

VL

LOW VIBRATION NEEDLE/CHISEL SCALERS

VL223 INLINE

VL203 PISTOL GRIP

VL303 PISTOL GRIP

Low vibration options available

Dust control options available

ATEX Certified

Outstanding performance and safety through efficiency was the principle objective behind the design of the VL range of scaling tools.

The Trelawny Vibro Lo™ range of vibration reduced needle and chisel scalers are unrivalled in terms of performance, reliability and reduced levels of harmful vibration.

The design features a unique vibration reduction system lowering vibration levels by 8 times that of conventional needle scalers.

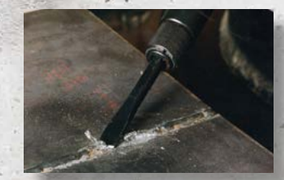
Safety built in as standard.

FEATURES

- Range of sizes for performance
- Pistol grip and in-line configurations
- Optional Beryllium copper needles for use in potentially explosive environments.
- Low air consumption
- Simple maintenance with no special tools required for reduced downtime
- Available as a needle or chisel scaler for multiple applications

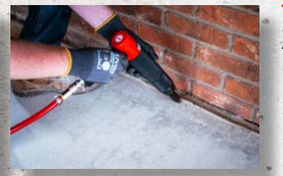
APPLICATIONS

- Removal of coatings, corrosion and other accumulated materials
- Slag removal and stress relieving welds
- Cleaning mixers, formwork and machinery
- Spot repairs
- Cleaning concrete for repair



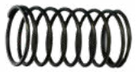
Weld Cleaning

Paint Removal



Concrete Cleaning

KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No:	Description
	418.2003 418.3003	TVS Vacuum Shroud to fit VL203/VL223 Needle Scalers TVS Vacuum Shroud to fit VL303 Needle Scaler Please see page 50 for the full range of TVS® Models.
	446.2120 446.2130	VL203/VL223 Chisel Attachment Kit VL303 Chisel Attachment Kit
	446.2003 446.3003	VL203/VL223 Needle Scaler Service Kit VL303 Needle Scaler Service Kit
	446.2203 446.3303	VL203/VL223 Chisel Scaler Service Kit VL303 Chisel Scaler Service Kit
	413.2119 413.2128	6 Sets of 19 Needles (3mm Chisel Tip) For use with VL203/VL223 Needle Scalers 6 Sets of 28 Needles (3mm Chisel Tip) For use with VL303 Needle Scaler
	601.2030 601.3030	VL203/VL223 Needle Holder (19 x 3mm) VL303 Needle Holder (28 x 3mm)
	712.2003 712.3003	VL203/VL223 Front Spring VL303 Front Spring
	859.1530	¼" BSP Inline Lubricator
	458.1530	Whip Hose & Oiler Assembly Consists of whip hose, and ¼" lubricator
	421.3450	Whip Hose Consists of air hose ¼" BSP claw - 2m
	815.5550	Whip Check

Note: Please see page 58 for the full range of replacement needles.

TECHNICAL DATA

Model	Trelawny Part No.	Type	Needle Quantity	Weight (kg)	Blows per min (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	Overall Length (mm)	Noise Level (LwA db(A))	Vibration Level (Aeq m/s²)
VL223 Needle	196.2103	In-line	19 x 3 mm	2.35	2400	1.89 - 4	¼	370	90.7	2.56
VL223 Chisel	196.2213	In-line	-	2.95	2400	1.89 - 4	¼	435	76.3	3.69
VL203 Needle	196.2003	Pistol Grip	19 x 3 mm	2.7	2400	1.89 - 4	¼	340	90.7	2.75
VL203 Chisel	196.2203	Pistol Grip	-	3.2	2400	1.89 - 4	¼	395	76.3	3.33
VL303 Needle	196.3003	Pistol Grip	28 x 3 mm	3.51	3000	2.6 - 5.5	¼	370	109.5	2.3
VL303 Chisel	196.3203	Pistol Grip	-	4.25	3000	2.6 - 5.5	¼	400	78.2	3.7
VL223-Ex Needle	196.2107	In-line	19 x 3 mm	2.35	2400	1.89 - 4	¼	370	90.7	2.56
VL223-Ex Chisel	196.2117	In-line	-	2.95	2400	1.89 - 4	¼	435	76.3	3.69
VL203-Ex Needle	196.2207	Pistol Grip	19 x 3 mm	2.7	2400	1.89 - 4	¼	340	90.7	2.75
VL203-Ex Chisel	196.2217	Pistol Grip	-	3.2	2400	1.89 - 4	¼	395	76.3	3.33
VL303-Ex Needle	196.3007	Pistol Grip	28 x 3 mm	3.51	3000	2.6 - 5.5	¼	370	109.5	2.3
VL303-Ex Chisel	196.3017	Pistol Grip	-	4.25	3000	2.6 - 5.5	¼	400	78.2	3.7

B/BPG
NEEDLE/CHISEL SCALERS

2B INLINE

2BPG PISTOL GRIP

3BPG PISTOL GRIP

TVS® Dust control options available

Non spark options available

The Trelawny "B" and "BPG" range of needle and chisel scalers have for many years been the default choice for companies seeking reliable, productive descaling tools.

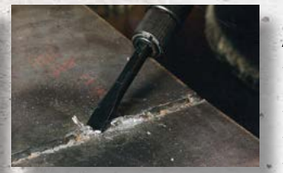
Proven in the harshest environments on ships and rigs throughout the world, the B/BPG series comprises a range of sizes and configurations to suit many surface preparation tasks.

FEATURES

- Range of sizes for performance and versatility
- Pistol grip and in-line configurations
- Range of needles and consumables
- Optional beryllium copper needles for use in potentially explosive environments.
- Low air consumption
- Simple maintenance with no special tools
- Available as a needle or chisel scaler for multiple applications
- Unique design, valveless and oversized piston

Paint Removal

Available with Chisel Attachment

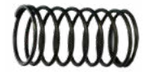


Weld Cleaning

APPLICATIONS

- Removal of coatings, corrosion and other accumulated materials
- Slag removal and stress relieving welds
- Cleaning mixers, formwork and machinery
- Spot repairs
- Cleaning concrete for repair

KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No:	Description
	418.2200	TVS Vacuum to fit 2B/2BPG Needle Scalers
	418.3040	TVS Vacuum to fit 3BPG Needle Scaler
		Please see page 50 for the full range of TVS® Models.
	446.7110	1B Chisel Attachment Kit
	446.7120	2B/2BPG Chisel Attachment Kit
	446.7130	3BPG Chisel Attachment Kit
	446.1010 446.1020 446.1025 446.1035	1B Needle Scaler Service Kit 2B Needle Scaler Service Kit 2BPG Needle Scaler Service Kit 3BPG Needle Scaler Service Kit
	446.1012 446.1022 446.1027 446.1037	1B Chisel Scaler Service Kit 2B Chisel Scaler Service Kit 2BPG Chisel Scaler Service Kit 3BPG Chisel Scaler Service Kit
	413.2112	6 Sets of 12 Needles (3mm Chisel Tip) For use with 1B Needle Scaler
	413.2119	6 Sets of 19 Needles (3mm Chisel Tip) For use with 2B/2BPG Needle Scalers
	413.2128	6 Sets of 28 Needles (3mm Chisel Tip) For use with 3BPG Needle Scaler
	601.1003	1B Needle Holder (12 x 3mm)
	601.2003	2B/2BPG Needle Holder (19 x 3mm)
	601.3003	3BPG Needle Holder (28 x 3mm)
	712.1001	1B Front Spring
	712.2001	2B/2BPG Front Spring
	712.3001	3BPG Front Spring
	859.1530	¼" BSP Inline Lubricator
	458.1530	Whip Hose & Oiler Assembly Consists of whip hose, and ¼" lubricator
	421.3450	Whip Hose Consists of air hose ¼" BSP claw - 2m
	815.5550	Whip Check

Note: Please see page 58 for the full range of replacement needles

TECHNICAL DATA

Model	Trelawny Part No.	Type	Needle Quantity	Weight (kg)	Blows per Min (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	Overall Length (mm)	Noise Level (LwA db(A))	Vibration Level (Aeq m/s²)
1B Needle	111.1000	In-line	12 x 3 mm	1.6	3800	1.42 - 3	¼	343	110.4	8.5
1B Chisel	114.1200	In-line	-	1.5	3800	1.42 - 3	¼	313	98.9	8.2
2B Needle	121.2000	In-line	19 x 3 mm	2.6	3000	2.6 - 5.5	¼	375	113.3	9.3
2B Chisel	124.2200	In-line	-	2.0	3000	2.6 - 5.5	¼	343	98.6	17.4
2BPG Needle	123.2100	Pistol Grip	19 x 3 mm	2.6	3000	2.6 - 5.5	¼	315	113.3	12.6
2BPG Chisel	125.2300	Pistol Grip	-	2.0	3000	2.6 - 5.5	¼	260	98.6	22.4
3BPG Needle	133.3100	Pistol Grip	28 x 3 mm	3.7	2200	3.8 - 8.0	¼	343	114.5	18.9
3BPG Chisel	135.3300	Pistol Grip	-	3.0	2200	3.8 - 8.0	¼	339	105.1	25.6

TVS® DUST CONTROL

Low vibration options available

Dust control options available

ATEX Certified

Trelawny Tool & Vacuum system (TVS) Shrouded needle scalers are designed for the dust-free safe removal of hazardous materials such as Lead, Asbestos and Silica dust.

In combination with our K series HEPA dust collectors they form a high performance safety focussed system for hazardous Abatement and Remediation applications

FEATURES

- Available in Low vibration models and B Series tools
- TVS shrouds are retrofittable to all Needle Scaler models
- Cuffs for flat, edge, and corner applications
- Adjustable for access
- Low air consumption
- Simple maintenance with no special tools
- Available as a needle or chisel scaler for multiple applications
- Unique design, valveless and oversized piston

Dust-free Descaling

Use with K Series Vacuum

Cuffs for a Range of Applications

APPLICATIONS

- Removal of coatings, corrosion and other accumulated materials
- Slag removal and stress relieving welds
- Cleaning mixers, formwork and machinery
- Spot repairs
- Cleaning concrete for repair

KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No:	Description
	418.2003	VL203/223 TVS shroud
	418.3003	VL303 TVS shroud
	418.2200	2B/BPG TVS shroud
	418.3040	3BPG TVS shroud
	731.2101	VL203/223 2B/BPG Corner cuff
	731.2102	VL203/223 2B/BPG Edge cuff
	731.2103	VL203/223 2B/BPG Flat cuff
	731.3101	VL303/3BPG Corner cuff
	731.3102	VL303/3BPG Edge cuff
	731.3103	VL303/3BPG Flat cuff

For additional spares and accessories please refer to page 46 for VL models and page 48 for B/BPG series models

TECHNICAL DATA

Model	Trelawny Part No.	Type	Needle Quantity	Weight (kg)	Blows per Min (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	Overall Length (mm)	Noise Level (LwA db(A))	Vibration Level (Aeq m/s²)
VL223 TVS	139.2103	In-line	19	2.35	2400	1.89-4	¼	370	90.7	2.56
VL203 TVS	139.2003	Pistol Grip	19	2.7	2400	1.89-4	¼	340	90.7	2.75
VL303 TVS	139.3003	Pistol Grip	28	3.51	3000	2.6 - 5.5	¼	370	109.5	2.3
VL223Ex TVS	139.2423	In-line	19	2.35	2400	1.89 - 4	¼	370	90.7	2.56
VL203Ex TVS	139.2403	Pistol Grip	19	2.7	2400	1.89 - 4	¼	340	90.7	2.75
VL303Ex TVS	139.2433	Pistol Grip	28	3.51	3000	2.6 - 5.5	¼	370	109.5	2.3
3BPG TVS	139.3197	Pistol Grip	28	3.7	2200	3.8 - 8.0	¼	343	105.1	18.9

For K series dust collectors and accessories please see page 76

LR

LONG REACH NEEDLE/CHISEL SCALER

Non spark options available

The Long Reach range is designed to make the operator's life easier when scaling and cleaning hard to reach areas such as tanks.

Available in a range of lengths from 2 ft up to 6 ft, long reach tools are perfect for a wide number of applications.

The aluminium Long Reach "Lite" makes working overhead or while reaching easy, it is quite literally a back saver.

A full range of chipping, scaling and scraping attachments make it an indispensable tool for any structural cleaning operation.

FEATURES

- Range of sizes for performance and versatility
- Steel and aluminium body versions
- Wide range of consumables for multiple applications
- Optional beryllium copper needles for use in potentially explosive environments
- Ergonomic design for operator comfort
- Simple maintenance with no special tools required for reduced downtime

APPLICATIONS

- Removal of coatings, corrosion and other accumulated materials
- Cleaning concrete prior to repair
- Cleaning mixers, formwork and machinery and hard to reach areas

Rust Removal

Render Removal

Paint Removal

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	413.2128	Replacement Needles 6 x sets of 28 Needles
	419.3541	Chisel Holder Assembly 5/8" Hex Converts the Long Reach needle scaler into a Long Reach Chisel Scaler
	705.1100	229mm Long Chisel with 50mm Wide Blade Spark resistant aluminium bronze for use in hazardous areas
	705.1101	229mm Long Chisel with 25mm Wide Blade Flat chisel for sand cast chipping
	705.1102	203mm Long Chisel with 100mm Wide Blade General chipping applications, asphalt cutter, paint removal
	705.1106	229mm Long Chisel with 50mm Wide Blade Removal of linoleum from floor base
	705.1112	203mm Long Chisel with 100mm Wide Blade Spark resistant aluminium bronze for use in hazardous areas

Image	Part Number	Description
	705.2102	203mm Long Chisel with 100mm Wide Blade Floor tile removal
	859.1530	¼" BSP Inline Lubricator
	458.1530	Whip Hose & Oiler Assembly Consists of whip hose, and ¼" lubricator
	421.3450	Whip Hose Consists of air hose ¼" BSP claw - 2m
	815.5550	Whip Check
	446.1035	Service kit contains: 3mm Needle Holder (1 each), 3mm Needle Chisel (28 each), Anvil (1 each), Piston (1 each), Valve Stem (1 each), Spring Return (1 each), Spring Valve (1 each), Throttle Lever (1 each), Valve Seat O'Ring (1 each), Valve Cap O'Ring (1 each), 3BLR O'Ring 34.6x1.78 (1 each), 3BLR O'Ring 37.8x1.78 (1 each), Spring Pin (1 each)

Note: Please see page 58 for the full range of replacement needles
Note: Please see page 59 for the full range of Chisel / Scraper attachments for the Long Reach Scalers.

TECHNICAL DATA

Model	Part No.	Needle Quantity	Weight (kg)	Length (mm)	Blows Per Minute (BPM)	Air Consumption (lps - cfm)	Noise Level (LwA db(A))	Vibration Level (Aeq m/s^2)
2ft Needle Scaler	137.3200	28 x 3mm	6.0	740	2200	2.1 - 4.5	103.1	25.1
4ft Needle Scaler	137.3400	28 x 3mm	6.90	1100	2200	2.1 - 4.5	103.5	25.1
5ft Needle Scaler	137.3500	28 x 3mm	7.45	1400	2200	2.1 - 4.5	103.0	25.1
6ft Needle Scaler	137.3600	28 x 3mm	8.10	1710	2200	2.1 - 4.5	103.5	25.1
4ft LITE Needle Scaler	137.3498	28 x 3mm	4.90	1100	2200	2.1 - 4.5	104.7	25.1
5ft LITE Needle Scaler	137.3598	28 x 3mm	5.25	1400	2200	2.1 - 4.5	103.0	25.1
6ft LITE Needle Scaler	137.3698	28 x 3mm	5.75	1710	2200	2.1 - 4.5	104.5	25.1

Symbol denotes aluminium bronze chisels for use in potentially hazardous areas.

VL219ES

ELECTRIC NEEDLE SCALER

Low vibration options available

Dust control options available

Outstanding performance, high quality, innovative design and reduced vibration.

Ergonomic feel, robust build and versatile performance is the core DNA of any Trelawny SPT product. The VL219ES is no different and we've taken things a step further.

Fully serviceable, uncompromising quality, survives the harshest environments and delivers a performance matched to its pneumatic Vibro-Lo™ counterpart.

Safety built in as standard.

FEATURES

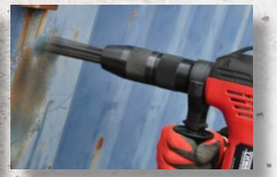
- Lightweight and compact
- Ergonomic and adjustable side handle design
- Optional dust shroud available

APPLICATIONS

- Removal of rust, coatings and scale from steel structures and surfaces
- Weld cleaning and slag removal
- Cleaning of cast iron, steel pipe and bell joints of gas lines maintained by utilities and gas companies
- Mixers, formwork and machinery
- Cleaning concrete for repair

Surface Treatment

Paint Removal



Corrosion Removal

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	418.2003	TVS® Vacuum Shroud
	446.2603	Service Kit
	413.2119	6 sets of 19 Needles (3mm Chisel Tip)
	601.2030	Needle Holder (19 x 3mm)
	302.3101	Front Spring
	302.6005	Carbon Brush Set

TECHNICAL DATA

Model	Part Number	Amps	Input Power (Watts)	Weight (kg)	Blows (BPM)	Noise Level (LpA db(A)) (+k)	Noise Level (LwA db(A))	Dimensions (mm)	Vibration (Aeq m/s^2) (+k)
VL219ES 110v 50/60Hz	196.2610	7.8	850	3.95	2000	101.8	115.8	555 (L) x 81 (W) x 258 (H)	6.5
VL219ES 230v 50/60 Hz	196.2624	3.9	850	3.95	2000	101.8	115.8	555 (L) x 81 (W) x 258 (H)	6.5
VL219ES 120v 50/60 Hz (US)	196.2612	7.8	850	3.95	2000	101.8	115.8	555 (L) x 81 (W) x 258 (H)	6.5

KITS

CHIPPING AND DESCALING

Low vibration options available

Trelawny's industry leading needle & chisel scalers are available in a versatile, user friendly kit.

Proven in the harshest environments on ships and rigs throughout the world, the kit packages come complete with needle and chisel attachments to suit multiple chipping and scaling applications.

The clever design enables the tools to be converted from needle scalers to chisel scalers in a matter of seconds. Premium models come in a heavy duty carry case.

Safety built in as standard.

FEATURES

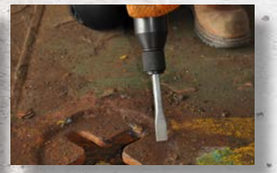
- Range of sizes to suit various applications
- Simple maintenance with no special tools required for reduced downtime
- Convert from needle scaler to chisel scaler in seconds. All required parts included in the kit
- Different types of needle and chisel are available to suit various applications.
- Pistol grip and in-line configurations available
- Standard and low vibration options available

APPLICATIONS

- Removal of coatings, corrosion and other accumulated materials
- Slag removal and stress relieving welds
- Cleaning steelwork and machinery
- Spot repairs

2BPG Chisel Scaler

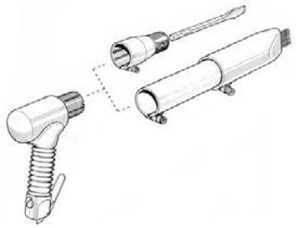
VL303 Needle Scaler



VL303 Chisel Scaler

KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	111.1060	N/A	N/A	1B Needle / Chisel Scaler Kit Kit Consists of: 1B Needle Scaler, 1B Chisel Holder Attachment, 3/4" (19mm) Square Shank Chisel, Supplied in a cardboard box
	120.2060	N/A	N/A	2B Needle / Chisel Scaler Kit Kit Consists of: 2B Needle Scaler, 2B Chisel Holder Attachment, 3/4" (19mm) Square Shank Chisel, Supplied in a cardboard box
	121.2060	N/A	N/A	2BPG Needle / Chisel Scaler Kit Kit Consists of: 2BPG Needle Scaler, 2BPG Chisel Holder Attachment, 3/4" (19mm) Square Shank Chisel, Supplied in a cardboard box
	133.3360	N/A	N/A	3BPG Needle / Chisel Scaler Kit Kit Consists of: 3BPG Needle Scaler, 3BPG Chisel Holder Attachment, 3/4" (19mm) Square Shank Chisel, Supplied in a cardboard box
	196.2013	N/A	N/A	VL203 Needle / Chisel Scaler Kit Kit Consists of: VL203 Needle Scaler, VL203 Chisel Holder Attachment, VL203 Anvil, 3/4" (19mm) Vibro Lo Chisel, Supplied in a cardboard box
	196.2113	N/A	N/A	VL223 Needle / Chisel Scaler Kit Kit Consists of: VL223 Needle Scaler, VL223 Chisel Holder Attachment, VL223 Anvil, 3/4" (19mm) Vibro Lo Chisel, Supplied in a cardboard box
	196.3103	N/A	N/A	VL303 Needle / Chisel Scaler Kit Kit Consists of: VL303 Needle Scaler, VL303 Chisel Holder Attachment, VL303 Anvil, 3/4" (19mm) Vibro Lo Chisel, Supplied in a cardboard box
	196.3105	N/A	N/A	VL303 Needle / Chisel Scaler Kit PREMIUM Kit Consists of: VL303 Needle Scaler, VL303 Chisel Holder Attachment, VL303 Anvil, 3/4" (19mm) Vibro Low Chisel, 2 1/2" Vibro Low Chisel, Box of 28 Chisel Tip Needles, Supplied in a Heavy Duty Plastic kit Case
	136.5510 136.5512 136.5520 136.5522	N/A N/A N/A N/A	N/A N/A N/A N/A	4ft Long Reach Kit 4ft Long Reach LITE Kit 5ft Long Reach Kit 5ft Long Reach LITE Kit



CHIPPING AND SCALING KITS CAN BE QUICKLY SWAPPED BETWEEN CHISEL AND NEEDLE ATTACHMENTS IN A MATTER OF SECONDS!

NEEDLES - A MARK OF EXCELLENCE FROM TRELAWNY

Trelawny offer the highest quality needles proven to last more than 10 times the duration of some competitor needles. Our customers benefit from less needle changes and therefore reduced downtime.

All the Trelawny Needle Scalers are delivered from stock complete with 180mm long x 3mm diameter chisel tipped high performance needles. Other needle holders are available as accessories for use with 2mm and 4mm diameter needles. We also offer spark resistant needles for use in potentially hazardous areas and stainless steel for use in areas where the effect of corrosion from humidity can be a problem such as applications in the food processing industry.

Varying pack sizes are offered to give customers a variety of choices, including bulk needle boxes. Standard quantities are offered from stock in packs of 6 needle sets per carton.

CHISEL TIP NEEDLES

These needles will clean the same material as a pointed tip, but will leave light surface marking.

Image	Part Number	Size (mm)	Description
	413.2112	3mm	6 x sets of 12 Needles
	413.2119	3mm	6 x sets of 19 Needles
	413.2128	3mm	6 x sets of 28 Needles
	413.2149	3mm	6 x sets of 49 Needles
	453.2110	3mm	Box of 100 Needles
	443.2107	3mm	Box of 1000 Needles

FLAT TIP NEEDLES

The flat tip needles will reduce marking on metal surfaces and can actually give a polishing finish.

For use on thin gauge metals and any surface where a light treatment is required.

2mm needle used on a welded joint produces a similar effect to shot peening, reducing stress in the weld.

Image	Part Number	Size (mm)	Description
	412.1129	2mm	6 x sets of 29 Needles
	412.1151	2mm	6 x sets of 51 Needles
	412.1165	2mm	6 x sets of 65 Needles
	452.1110	2mm	Box of 100 Needles
	442.1107	2mm	Box of 2000 Needles
	413.1112	3mm	6 x sets of 12 Needles
	413.1119	3mm	6 x sets of 19 Needles
	413.1128	3mm	6 x sets of 28 Needles
	413.1149	3mm	6 x sets of 49 Needles
	453.1110	3mm	Box of 100 Needles
	443.1107	3mm	Box of 1000 Needles 180mm
	414.1119	4mm	6 x sets of 19 Needles
	414.1135	4mm	6 x sets of 35 Needles
	454.1105	4mm	Box of 50 Needles
	444.1107	4mm	Box of 500 Needles
	443.1105	3mm	Box of 1000 Needles 127mm
	443.1115	3mm	19 x 127mm Long Needles (5")

POINTED TIP NEEDLES

Sharpened to a conical point, these are the most effective in breaking through very hard scale on materials where some surface indentation is permissible - or where a roughening or keying of the surface is actually desirable.

Image	Part Number	Size (mm)	Description
	413.3112	3mm	6 x sets of 12 Needles
	413.3119	3mm	6 x sets of 19 Needles
	413.3128	3mm	6 x sets of 28 Needles
	413.3149	3mm	6 x sets of 49 Needles
	453.3110	3mm	Box of 100 Needles
	443.3107	3mm	Box of 1000 Needles
	414.3119	4mm	6 x sets of 19 Needles
	414.3135	4mm	6 x sets of 35 Needles
	454.3105	4mm	Box of 50 Needles
	444.3107	4mm	Box of 500 Needles

SPARK RESISTANT BERYLLIUM COPPER

Available in 3mm flat tip only for use in potentially hazardous areas.

Image	Part Number	Size (mm)	Description
	403.1312	3mm	Box of 12 Needles
	403.1319	3mm	Box of 19 Needles
	403.1328	3mm	Box of 28 Needles
	403.1349	3mm	Box of 49 Needles
	453.1310	3mm	Box of 100 Needles
	443.1307	3mm	Box of 500 Needles

STAINLESS STEEL NEEDLES

Available in 3mm flat tip form only, to be used in applications such as refurbishment of food processing machinery or areas of high humidity where the corrosive effect on needles would be prohibitive.
Used on decorative concrete surfaces where contamination of the surface from carbon steel needles is undesirable.

Image	Part Number	Size (mm)	Description
	453.1207	3mm	Box of 100 Needles
	443.1207	3mm	Box of 500 Needles

REPLACEMENT CHISELS - B/BPG

A range of replacement chisels that are compatible with the 1B,2B,2BPG & 3BPG Chisel Scalers

Image	Trelawny Part No.	Shank Type	Length (mm)	Blade width (mm)	Application
	704.1101	½ Square	178mm	19mm	Weld Spatter Removal & Chipping Rust
	704.1103	½ Square	178mm	64mm	Wide Flat Chisel for the Removal of Peeling Paint & Rust
	704.1105	½ Square	254mm	64mm	Wide Flat Chisel for the Removal of Peeling Paint & Rust
	704.1107	½ Square	254mm	19mm	Flat Chisel for Weld Spatter & Sand Cast Cleaning
	704.1110	½ Square	178mm	50mm	Spark Resistant Aluminium Bronze for use in Hazardous Areas
	704.2105	½ Square	178mm	35mm Cranked	Weld Flux & Thick Coating Removal

REPLACEMENT CHISELS - VL

A range of replacement chisels that are compatible with the VL203, VL223 & VL303 Chisel Scalers

Image	Trelawny Part No.	Shank Type	Length (mm)	Blade width (mm)	Application
	704.3101	½ Square	178mm	19mm	Weld Spatter Removal & Chipping Rust
	704.3103	½ Square	178mm	64mm	Wide Flat Chisel for the Removal of Peeling Paint & Rust
	704.3107	½ Square	254mm	19mm	Flat Chisel for Weld Spatter & Sand Cast Cleaning
	704.3110	½ Square	178mm	50mm	Spark Resistant Aluminium Bronze for use in Hazardous Areas
	704.3205	½ Square	178mm	35mm Cranked	Weld Flux & Thick Coating Removal

TRIDENT NEPTUNE

Trelawny's proven reliability over many years has made the trident neptune machines the first choice for de-scaling on board ships.

The Trident Neptune will rapidly remove scale, rust, paint and other unwanted deposits, leaving a good surface suitable for priming,painting and coating applications.

All machines supplied with:

- Flexible shaft 3m x 16mm (9ft x 5/8")
- Heavy duty leaf scaling head
- 6 cutter scaling head
- 150mm dia (6") power brush
- Spanner set
- Hand guard

FEATURES

- 30% lighter than competitor machines for greater portability.
- Automatic thermal protection on electric models protects the motor from overheating and prevents costly repairs.
- Skid style designed base prevents the machine rolling around on decks.
- Multiple cutters and brushes available for a wide variety of removal and finishing applications. IP55 Rating.

APPLICATIONS

- Removal of paint, rust, scale and other unwanted deposits in difficult to access areas.
- Preparation of surfaces for priming, painting and coating.

Heavy Chipping

Rapid Descaling

Wire Brushing

KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No	IMPA Part No.	ISSA Part No.	Description
	340.285	59.12.99	55.077.05	Flexible Drive Shaft
	340.581	59.12.86	55.082.01	6 Cutter Head
	340.550	59.12.75	55.078.01	Heavy Duty Scaling Head
	340.160	59.12.93	55.084.03	6" Power Brush
	340.163	59.12.91	55.084.03	6" Twisted Knot Brush
	340.166	59.12.97	55.084.07	Crimped Wire Cup Brush
	340.167	59.12.95	55.084.05	Twisted Knot Cup Brush

TECHNICAL DATA

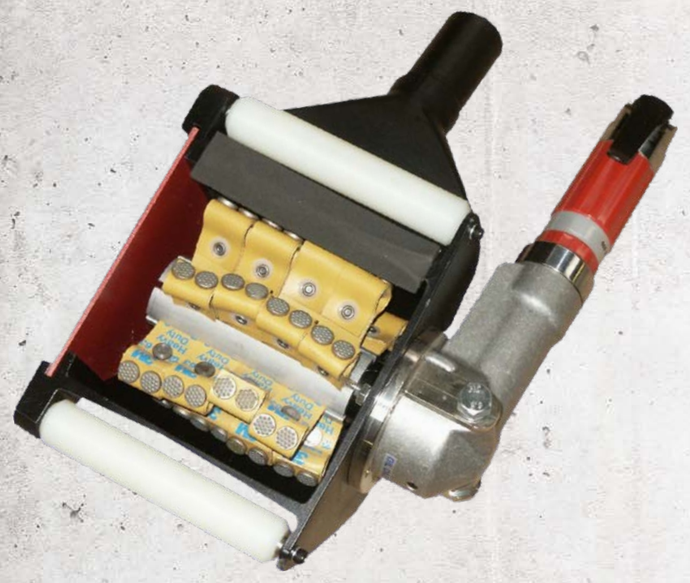
Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Working Width (mm)	Air Consumption (lps - cfm)	Power (Hp - kW)	Voltage (v)	Cutter Speed (rpm)	Weight (Kg)
Air	340.490/S	59.12.81	55.077.03	30	32.1 - 68.0	1.5 - 1.1	-	3000	34
110v Electric	340.TN/S/110	59.12.41	55.077.01	30	-	0.75 - 0.56	110	2850	34
230v Electric	340.TN/S/220	59.12.42	55.077.02	30	-	0.75 - 0.56	230	3450	34

DIMENSIONS

Model	Part No.	IMPA Part No.	ISSA Part No.	Length (mm)	Width (mm)	Height (mm)
Air	340.490/S	59.12.81	55.077.03	2700	210	290
110v Electric	340.TN/S/110	59.12.41	55.077.01	2700	210	290
230v Electric	340.TN/S/220	59.12.42	55.077.02	2700	210	290

PPT

HANDHELD SCARIFIER PEENING PREPARATION TOOL



Low vibration options available

Dust control options available

The real alternative to small area shot blasting.

Trelawny's Peening Preparation tool (PPT) is designed for applications where open blasting may not be possible or simply as a fast economical way of effectively carrying out surface preparation in small or remote areas. It is ideal for preparing flat or large vertical areas such as beams, girders and tanks.

The PPT fitted with "Rotopeen™" abrasive flaps will remove coatings, scale and corrosion while cleaning the surface to a near white metal finish providing up to a 100 micron anchor profile perfect for reapplication of coatings.

Safety built in as standard.

FEATURES

- Available in 50mm (2") or 100mm (4")
- Range of abrasives available
- Fully shrouded tool (TVS®)
- Star Cutters - Aggressive removal of thick coatings.
- Beam Cutters - Removal of hard coatings, less aggressive than star cutters.
- 3M™ Heavy Duty Rotopeen™ 'C' type flap - Removal of paint and rust to a bare metal finish.

APPLICATIONS

- Fast removal of coatings, scale and contamination including: radioactive waste removal and capture, non-slip coatings, general paint removal, plaster removal, ceiling and wall paint, floor markings, adhesives, sealants and protective coatings.
- Used in many industries including: nuclear, ship decks, construction, factory floors, swimming pools, bridge maintenance and pipelines.
- Suitable alternative to small area blasting.

Steel Application

3M™ Rotopeen Flap Finish

Use with Peening Preparation Tool

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	438.0209	2" Cutter Hub Assembly (No Cutters)
	438.0409	4" Cutter Hub Assembly (No Cutters)
	438.0220	2" Cutter Hub Assembly c/w Star Cutters
	438.0420	4" Cutter Hub Assembly c/w Star Cutters
	438.0225	2" Cutter Hub Assembly c/w Beam Cutters
	438.0425	4" Cutter Hub Assembly c/w Beam Cutters

Image	Part Number	Description
	312.D210	2" Axle (4 per set) for Star / Beam Cutters
	312.D410	4" Axle (4 per set) for Star / Beam Cutters
	312.S200	Star Cutter 80 Required for 2" Drum 160 Required for 4" Drum
	312.R200	Beam Cutter 56 Required for 2" Drum 112 Required for 4" Drum

"C FLAP' CONSUMABLES

Image	Part Number	Description
	438.0235	2" Rotopeen Assembly "C-Flaps"
	438.0435	4" Rotopeen Assembly "C-Flaps"
	312.MRPC	Rotopeen Flap (Type C)
	312.D213	2" Pin set (6 Per Set) (Flap retaining)
	312.D413	4" Pin set (6 Per Set) (Flap retaining)

Image	Part Number	Description
	312.D205	2" Rotopeen Hub
	12.D405	4" Rotopeen Hub
	38.0205	2" Rotopeen Hub - Includes Pins
	438.0405	4" Rotopeen Hub - Includes Pins

TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Cutting Width (mm)	Power	R.P.M	Air Consumption (cfm - lpm)	Weight (kg)	Vibration level (Aeq m/s²)
2" PPT Air C Flaps	194.0205	59.22.51	55.098.01	50mm (2")	Air	2700	30 - 840	3.40	3.5
2" PPT Air Star	194.C205	59.22.53	55.098.02	50mm (2")	Air	2700	30 - 840	5.20	6.0
2" PPT 110v C Flaps	195.1215	N/A	N/A	50mm (2")	110v 1ph 50Hz	2000	-	4.40	3.6
2" PPT 110v Star	195.C216	N/A	N/A	50mm (2")	110v 1ph 50Hz	2000	-	4.56	7.8
2" PPT 230v C Flaps	195.1220	N/A	N/A	50mm (2")	230v 1ph 50Hz	2000	-	4.40	3.6
2" PPT 230v Star	195.C221	59.22.55	55.098.03	50mm (2")	230v 1ph 50Hz	2000	-	4.56	7.8
4" PPT Air C Flaps	194.0405	59.22.52	55.098.04	100mm (4")	Air	2700	30 - 840	4.10	3.1
4" PPT Air Star	194.C405	59.22.54	55.098.05	100mm (4")	Air	2700	30 - 840	6.40	4.6
4" PPT 110v C Flap	195.1415	N/A	N/A	100mm (4")	110v 1ph 50Hz	2000	-	5.23	5.2
4" PPT 110v Star	195.C416	N/A	N/A	100mm (4")	110v 1ph 50Hz	2000	-	6.47	7.8
4" PPT 230v C Flap	195.1420	N/A	N/A	100mm (4")	230v 1ph 50Hz	2000	-	5.23	5.2
4" PPT 230v Star	195.C421	N/A	N/A	100mm (4")	230v 1ph 50Hz	2000	-	6.47	7.8

SF

SCALEFORCE PNEUMATIC HANDHELD SCALING HAMMERS

Low vibration options available

Dust control options available

ATEX options available

Trelawny's SF range of scaling hammers are highly effective for quick removal of heavy scale and coatings

The SF1/VLSF1 single head tools are perfect for smaller and awkward to reach areas, being lightweight and easy to handle, it's perfect for reaching behind structures and up against bulkheads.

The SF3 three head tools give faster production for more open areas

Safety built in as standard.

Thick Paint Removal

Heavy Duty Descaling

Rust Removal

FEATURES

- Option of replaceable carbide tipped scaling heads or economical hardened steel single piece pistons
- Beryllium copper spark resistant heads for use in potentially explosive environments
- Ergonomic handle for ease of use – also available with a short handle and/or inline for tight areas
- Simple and robust design for low and easy maintenance

APPLICATIONS

- Quick removal of heavy coatings and rust
- Preparation before blasting
- Cleaning pipes

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	426.5351	Cruciform Taper fit Cutter Head Tungsten carbide tipped head - for fracturing and removal of coatings
	606.5303	Cruciform Taper fit Cutter Head Beryllium copper spark resistant - for fracturing and removal of coatings
	426.5352	Bush Hammer Taper fit Cutter Head Tungsten carbide tipped head - creates a heavier key on the surface
	612.5301	Piston to fit Cutter Heads
	859.1555	½ Inline Lubricator

Image	Part Number	Description
	458.1555	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ½ inline lubricator
	421.3452	Whip Hose Consists of air hose 3/8" BSP clar - 2m
	815.5550	Whip Check
	614.5301	Brush Seal
	446.1520 446.1530	SF1 Service Kit SF3 Service Kit

TECHNICAL DATA

Model	Part No.	Consumable (type of head)	Weight (kg)	Length (mm)	Working height (mm)	Blows per minute (BPM)	Air consumption (lps - cfm)	Noise level (db (A))	Vibration Level (Aeq m/s²)
Single Head	151.5100	Cruciform head	2.5	465	152.5	3000	3.3 - 7	88.1	6.8
Single Head	151.5180	Single piece steel piston	2.5	465	152.5	3000	3.3 - 7	88.1	6.8
Vibro-Lo™ Single Head	196.5095	Cruciform head	2.5	515	140	3000	4.25 - 9	92.5	3.7
Triple Head	153.5300	Cruciform head	3.7	450	152.5	3000 x 3	5.2 - 11	92.7	13.4
Triple Head	153.5380	Single piece steel piston	3.7	450	152.5	3000 x 3	5.2 - 11	92.7	13.4
VLSF1-EX Single Head	196.5110	Beryllium copper taper fit cutter	2.5	515	140	3000	4.25-9	92.5	3.7
SF3-EX Triple Head	153.5310	Beryllium copper taper fit cutter	3.7	450	152.5	3000 x 3	5.2 - 11	92.7	13.4

SF11

SCALEFORCE 11 HEAD PNEUMATIC DECK HAMMER

Low vibration options available

Dust control options available

ATEX options available

For fast scaling of decks the walk behind SF11 is a fast, effective means of removing hard coatings and corrosion.

11 carbide tipped heads quickly fracture even the toughest materials, perfect for ongoing maintenance or preparation pre blast cleaning to speed up removal and save costs on abrasives.

The floating head design allows the SF11 to easily follow deformations in the surface meaning coatings will be removed evenly and consistently.

Safety built in as standard.

FEATURES

- 11 scaling heads
- Option for replaceable carbide tipped heads or single piece steel pistons
- Optional Beryllium copper spark resistant heads for use in potentially explosive environments
- Trelawny Vibro-Lo™ vibration reduction for operator comfort and safety
- Optional Trelawny TVS® vacuum shroud system for protection of operators and surrounding environment
- ATEX model available

APPLICATIONS

- Ship decks, tank tops, bridge decks and floating platform descaling.
- Use ahead of grit blasting to break down coatings
- Aggressive pre-preparation on thick coatings ahead of shot blasting

Coating and Corrosion Removal

Large Area Descaling

Use with KAV30 Dust Collector

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	426.5351	Cruciform taper fit cutter head Tungsten carbide tipped head
	606.5303	Cruciform taper fit cutter head Beryllium copper spark resistant
	426.5352	Bush hammer taper fit cutter head Tungsten carbide tipped head
	612.5301	Piston to fit cutter heads
	612.5305	Single Piece Steel Piston

Image	Part Number	Description
	614.5301	Brush seal
	446.1540	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
	437.0100	TVS® Vacuum shroud To be used with any K Series Vacuum
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and ¾'' lubricator
	843.0752	¾'' air hose complete with couplings 15m length

TECHNICAL DATA

Model	Part No.	Cutter Heads	Air Consumption (lps - cfm)	Noise Level (db (A))	Blows Per Min (BPM)	Weight (kg)	Vibration Level (Aeq m/s²)
SF11 Cruciform c/w Shroud	159.5910	Cruciform taper fit	33 - 70	113.1	3000 x 11	38	5.76
SF11-Ex Cruciform	159.5930	Beryllium copper cruciform taper fit	33 - 70	113.1	3000 x 11	38	5.76

DIMENSIONS

Model	Part No.	Working Width (mm)	Width (mm)	Height (mm)
SF11 Cruciform	159.5910	252	285	1230
SF11-Ex Cruciform	159.5930	252	285	1230

TVS® FEATURING THE TRELAWNY TOOL & VACUUM SYSTEM

DUST CONTROL

A22
INDUSTRIAL DUST COLLECTOR

The A22 single phase dust collector is the perfect partner for our smaller range of single phase grinders and scarifiers.

The A22 is the ultimate compact unit for surface preparation machines and general cleaning applications.

The standard Class M filter offers exceptional surface area and filtration, the optional HEPA filter is classified to the highest rating H14.

The A22 features the ENDLESSBAG safe bagging system for easy containment and disposal of material.

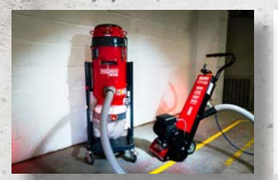
Now fitted with a new reverse pulse filter cleaning system ensuring continuous reliable performance under the hardest conditions.

FEATURES

- 100% steel construction for long service life
- Two motors
- Class M primary filter with optional HEPA filter
- Complete with 40mm tool kit
- Reverse pulse filter cleaning system for performance and long service.
- Low noise level

APPLICATIONS

- Perfect partner for smaller surface preparation equipment such as TFP200 scarifier, TCG hand grinders and TCG250 single head grinder
- Also ideal for use with many other smaller types of construction equipment with options for dust extraction
- General cleaning of fine dust in many other industries



Use with TFP200 Floor Scarifier

ENDLESSBAG Bag System

Use With TCG250 Floor Grinder

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.5750	D.40 Chromed Bend Included as standard
	303.5630	D.38 Black Flexible Hose (5mt) + 50/40 Flex Connection (Left Thread) + D.40 PVC Connection Included as standard
	303.5482	40mm threaded hose connection to 50mm machine connection 2 Included as standard
	303.5477	40mm threaded hose connection to 40mm machine connection 1 Included as standard
	303.5755	D.40mm 400 Dust Brush Included as standard
	303.5485	D.40 PVC Brush
	303.5760	D.40 Rubber Cone Section with Connection
	303.5770	ENDLESSBAG Bags Pack of 4 x 20m tubes

TECHNICAL DATA

Model	Part Number	Output Power (Hp - kW)	Output flow (M^3 per h / Lt per sec)	Vacuum Rate (mm. H_2O)	Filter Type	Filter Efficiency	Filter Surface Area	Suction Inlet (Ø)	Noise Level (Db (A))	Dimensions (cm)	Weight (kg)
A22 Bin 110v Class M	303.4100	3.1 - 2.3	360 - 100	2500	Class M	99.93%	3m2	50	76	62 x 53 x 107	35
A22 Bin 230v Class M	303.4105	3.1 - 2.3	360 - 100	2500	Class M	99.93%	3m2	50	76	62 x 53 x 107	35
A22 EB 110v Class M	303.4103	3.1 - 2.3	360 - 100	2500	Class M	99.93%	3m2	50	75	53 x 56 x 130	35
A22 EB 230v Class M	303.4107	3.1 - 2.3	360 - 100	2500	Class M	99.93%	3m2	50	75	53 x 56 x 130	35
A22 EB 110v Type H	303.4104	3.1 - 2.3	360 - 100	2500	HEPA	99.995%	4.9m2	50	75	53 x 56 x 130	35
A22 EB 230v Type H	303.4108	3.1 - 2.3	360 - 100	2500	HEPA	99.995%	4.9m2	50	75	53 x 56 x 130	35

A45

INDUSTRIAL DUST COLLECTOR

The A45 is a real over performer in its segment.

For a single phase dust collector, the A45 can compete with much larger machines.

Fitted with 3 motors, producing a total of 3.5Kw, it is the ideal machine for a wide range of Trelawny's surface preparation equipment along with many other general cleaning applications.

Full steel construction ensures the A45 stands up to the toughest site conditions.

Filtration is provided by a standard M class primary star filter offering an outstanding surface area of 3m2 perfect for collection of large quantities of fine dust. The optional HEPA* filter is classified to H14 giving 99.995% efficiency at 0.18 micron.

Available with either a detachable, portable bin or the ENDLESSBAG safe bagging system.

FEATURES

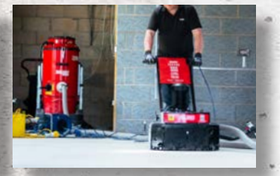
- High filtration and efficiency Class M primary filter with optional H14 HEPA filter.
- Mechanical filter cleaning mechanism with filter clogging indicator to ensure optimum performance.
- Three powerful single phase motors for performance and usability.
- Detachable bin or ENDLESSBAG containment options.
- Complete with 50mm tool kit.

APPLICATIONS

- Perfect partner for small and medium sized surface preparation equipment such as TFP200 & TFP260 scarifiers, TCG250 and TCG500 grinders.
- Also ideal for use with many other types of construction equipment with options for dust extraction.
- General cleaning of fine dust in many other industries.

Use with TFP Floor Planers

Use with MHS Floor Scabblers



Use With TCG Floor Grinders

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.5725	Complete 5m Hose + Cuffs Included as standard
	303.4500	38mm Hose Kit (10 meters)
	303.5473	PVC Hose per Metre Max. 10 mtr
	303.5778	Hose Cuff (50 mm)
	303.3488	Y-Piece 50mm x 50mm x 50mm
	303.5484	80 to 50 mm Steel Hose Connector Included as standard
	303.5740 303.5745	Floor brush for Wet use Only Floor brush for Dry use Only Included as standard
	303.5735	Brush on Wheels + Floor Attachment: 80-60mm Steel Hose Connector

Image	Part Number	Description
	303.5486	Double Bend Floor Wand use for use with Floor Brush Included as standard
	303.5730	Flat Nozzle
	303.5483	Hand Brush - Dry surfaces
	303.5481	Optional Cyclone for Additional Filter Protection
	303.5282	Main Polyester Filter - 20.000 cm² - Class M Included as standard
	303.5262	Optional Class H - HEPA Cartridge Filter
	303.5770	ENDLESSBAG Bags
	303.4355	Large Pre Separator

TECHNICAL DATA

Model	Part Number	Output Power (Hp - kW)	Output flow (M^3 per h / Lt per sec)	Vacuum Rate (mm. H_2O)	Filter Type	Filter Efficiency	Filter Surface Area	Suction Inlet (Ø)	Noise Level (Db (A))	Dimensions (cm)	Weight (kg)
A45 Bin 110v Class M	303.4110	4 - 3	540 - 150	2500	Class M	99.93%	3m2	80	76	58 x 60 x 150	65
A45 Bin 230v Class M	303.4220	4.6 - 3.5	540 - 150	2500	Class M	99.93%	3m2	80	76	58 x 60 x 150	65
A45 Bin 110v Type H	303.4112	4 - 3	540 - 150	2500	HEPA	99.995%	2.8m2	80	76	62 x 62 x 160	65
A45 Bin 230v Type H	303.4222	4.6 - 3.5	540 - 150	2500	HEPA	99.995%	2.8m2	80	76	62 x 62 x 160	65
A45 EB 110v Class M	303.4111	4 - 3	540 - 150	2500	Class M	99.93%	3m2	80	76	58 x 60 x 150	65
A45 EB 230v Class M	303.4221	4.6 - 3.5	540 - 150	2500	Class M	99.93%	3m2	80	76	58 x 60 x 150	65
A45 EB 110v Type H	303.4113	4 - 3	540 - 150	2500	HEPA	99.995%	2.8m2	80	76	62 x 62 x 160	65
A45 EB 230v Type H	303.4223	4.6 - 3.5	540 - 150	2500	HEPA	99.995%	2.8m2	80	76	62 x 62 x 160	65

*Machines supplied with HEPA as standard are classified to Type H and are provided with a certificate to certify the complete machine.

A70

INDUSTRIAL DUST COLLECTOR

The A70 is perfectly suited to larger surface preparation equipment and heavy duty applications.

Featuring a 24/7 continuous duty maintenance free motor it is ideally suited to large jobs where constant running and reliability is a priority.

Filtration is provided via primary M class star filter offering 30,000 cm² of filter surface area.
The secondary HEPA filter is classified to H14 and offers an additional 45,000 cm² of filter surface area.

The primary filter is cleaned via a mechanical filter cleaning mechanism with a suction indicator to alert to a clogged filter ensuring reliable running.

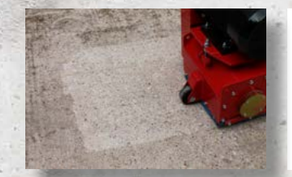
Supplied as standard with the ENDLESSBAG safe bagging system.

FEATURES

- 100% steel construction for longer service life.
- 3 phase side channel motor for 24/7 continuous duty operation
- Class M primary filter with optional HEPA filter offering large filter surface area.
- Efficient mechanical filter cleaning system for high performance and long service life.
- ENDLESSBAG collection system.
- Complete with 50mm tool kit.

APPLICATIONS

- Perfect partner for larger 3 phase surface preparation equipment such as TFP320 scarifier, TPG540 & TPG650 grinders
- Also ideal for use with many other types of construction equipment with options for dust extraction
- General cleaning of fine dust in many other industries



Use with Large Floor Machines

Use Longpac Bags

Dust-free working

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.5725	Complete 5M Hose + Cuffs Included as standard
	303.5473	PVC Hose per Metre Max. 10 mtr
	303.5778	Hose Cuff (50 mm)
	303.3488	Y-Piece 50mm x 50mm 50mm
	303.5484	80 to 50 mm Steel Hose Connector Included as standard
	303.5740 303.5745	Floor Brush for Wet use Only Floor Brush for Dry use Only Included as standard
	303.5735	Brush on Wheels + Floor Attachment: 80-60mm Steel Hose Connector

Image	Part Number	Description
	303.5486	Double Bend Floor Wand use with steel brush (AA1403) and brush steel (AA1420) Included as standard
	303.5730	Flat Nozzle
	303.5483	Hand Brush - Dry Surfaces
	303.5262	Main Polyester Filter - 20.000 cm² - Class M Included as standard
	303.5282	Optional Class H - HEPA Cartridge Filter
	303.5765	ENDLESSBAG Bags
	303.4355	Large Pre Separator

TECHNICAL DATA

Model	Part Number	Output Power (Hp - kW)	Output flow (M^3 per h / Lt per sec)	Vacuum Rate (mm. H_2O)	Filter Type	Filter Efficiency	Filter Surface Area	Suction Inlet (Ø)	Noise Level (Db (A))	Dimensions (cm)	Weight (kg)
A70 EB 400v Manual	303.4342	7.5 - 5.5	550 - 153	3000	HEPA	99.995%	7.52	80	76	66 x 118 x 147	146

KV30

SERIES K ELECTRIC VACUUMS

TVS® K series of portable dust collectors for light and specialist industrial use.

The KV30 is a powerful twin motor industrial vacuum built to withstand the toughest of environments and jobs while remaining portable, this makes it the ideal system combined with Trelawny's range of scaling tools where performance and portability are a given.

Consideration for the potentially hazardous material means the optional fully certified TYPE H version is a key feature of the range. Type H vacuum cleaners have been purposely designed and built to meet the needs of users to safely and effectively pick up hazardous dusts and debris including asbestos.

Each model is issued with a filtration test certificate and is certified to have a filtration efficiency in excess of 99.995% at 0.6 microns.

FEATURES

- Non-magnetic 304 grade stainless steel canister with virtually indestructible thick section injection moulded plastic motor head
- Double filtration
- Optional high efficiency cloth filter
- Twin motors providing 2000W
- Optional certified type H version
- Supplied with 38mm tool kit
- Optional wet use version

APPLICATIONS

- Suitable for use with Trelawny's TVS® range of handheld scaling tools
- Collection of dry dust and wet materials

Use with Needle Scalers

Use with TFP200

Contain Hazardous Materials upon Removal

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.1060	HEPA Filter (Optional) Antistatic option
	303.1025 303.1025/AS	14" Standard Filter Assembly Antistatic option
	303.1035	14" Permaflow Filter (Optional)
	303.1050 303.1050/AS	14" Float Assembly - Wet use Antistatic option
	303.1075 303.1075/AS	38 mm x 3 m Hose Antistatic option
	303.1085 303.1085/AS	38mm Dry Tool Kit Antistatic option

Image	Part Number	Description
	303.1095/ WD 303.1095/AS	38mm Wet Tool Kit Antistatic option
	303.1100	38mm Multipurpose Tool with Brushes
	303.1105 303.1105/AS	38mm x 125mm Dusting Brush Antistatic option
	303.1110	38mm Stainless Steel Taper Tube For joining hoses
	303.1005	K4 Disposable Bags - Pack of 10 - For disposing of sealed waste such as hazardous dust
	303.1003	5 x K4 Microfibre bags For dry use applications

TECHNICAL DATA

Model	Part Number	Capacity (litres)	Output flow (M^3 per h / Lt per sec)	Voltage (V)	Rating (amp)	Maximum vacuum at 100 psi (mm H_2O)	Dimensions (mm)	Weight (Kg)
110v Dry	303.11KV30/2D	30	295 - 82	110	16	2500mm / water gauge	1110 x 460 x 500	16
110v Dry Type H	303.11KV30/2DH	30	295 - 82	110	16	2500mm / water gauge	930 x 440 x 440	26
110v Wet and Dry	303.11KV30/2WD	30	295 - 82	110	16	2500mm / water gauge	710 x 440 x 440	16
230v Dry	303.22KV30/2D	30	295 - 82	230	13	2500mm / water gauge	710 x 440 x 440	16
230v Dry Type H	303.22KV30/2DH	30	295 - 82	230	13	2500mm / water gauge	930 x 440 x 440	26
230v Wet and Dry	303.22KV30/2WD	30	295 - 82	230	13	2500mm / water gauge	710 x 440 x 440	16

Dry models complete with:
- 38mm Tool kit (Part No. 303.1085)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Microfibre bags (Part No. 303.1003)

Wet & Dry models complete with:
- 38mm Tool kit & Wet floor tool (Part No. 303.1095/WD)
- Float Assembly (Part No. 303.1050)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Microfibre bags (Part No. 303.1003)

Dry Type H models complete with:
- 38mm Tool kit (Part No. 303.1085)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Microfibre bags (Part No. 303.1003)

KAV30

SERIES K ATEX APPROVED PNEUMATIC VACUUMS

The KAV30 is ATEX approved for Gas zone 1 and Dust Zone 21 under category 2 of the ATEX directive.

The K series range of industrial dust collectors form an integral part of Trelawny TVS® (Tool and Vacuum System).

Uniquely available with a fully conductive accessory kit, stainless steel canisters mounted on a stainless steel caddy fitted with conductive braked castors and wheels. Each machine is issued with an earth path continuity certificate and where applicable the Type H versions include a filtration test certificate.

The K series range of industrial dust collector form an integral part of Trelawny's TVS®, Tool and Vacuum System, for our range of smaller hand held surface preparation equipment.

FEATURES

- 30 litre capacity
- ATEX certified with certificate
- Optional certified type H version
- Supplied with conductive tool kit
- Optional wet use version

APPLICATIONS

- Suitable for use with Trelawny's TVS® range of handheld scaling tools
- Collection of dust in hazardous environments categorised under category 2 of the ATEX directive
- Collection of dry dust and wet materials

Use with SF11

Use with Needle Scalers

Use with Peening Preparation Tool

KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.1075 303.1075/AS	38mm x 3m Hose Antistatic option
	303.1025 303.1025/AS	14" Standard Filter Assembly Antistatic option
	303.1035	14" Permaflow Filter (Optional)
	303.1050 303.1050/AS	14" Float Assembly - Wet use Antistatic option
	303.1060 303.1060/AS	HEPA filter (Optional) Antistatic option
	303.1085 303.1085/AS	38mm Dry Tool Kit Antistatic option

Image	Part Number	Description
	303.1095/ WD 303.1095/AS	38mm Wet Tool Kit Antistatic option
	303.1100	38mm Multipurpose Tool with Brushes
	303.1105 303.1105/AS	38mm x 125mm Dusting Brush Antistatic option
	303.1110	38mm Stainless Steel Taper Tube For joining hoses
	303.1005	K4 Disposable Bags - Pack of 10 - For disposing of sealed waste such as hazardous dust
	303.1003	5 x K4 Microfibre bags For dry use applications

TECHNICAL DATA

Model	Part Number	Capacity (litres)	Output flow (M^3 per h / Lt per sec)	Air Consumption Lt per sec / cfm	Maximum vacuum at 100 psi (mm H_2O)	Dimensions (mm)	Weight (Kg)
KAV30 Dry	303.10KAV30/D	30	110 - 33	16 - 35	2500mm / water gauge	890 x 460 x 500	14.5
KAV30 Dry Type H	303.10KAV30/DH	30	110 - 33	16 - 35	2500mm / water gauge	1110 x 460 x 500	20.8
KAV30 Wet	303.10KAV30/WD	30	110 - 33	16 - 35	2500mm / water gauge	890 x 460 x 500	14.5

Dry models complete with:
- 38mm Tool kit (Part No. 303.1085/AS)
- 14" Standard 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/WD)
- 14" Antistatic Float Assembly (Part No. 303.1050/AS)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Microfibre bags (Part No. 303.1003)

Dry Type H models complete with:
- 38mm Tool kit (Part No. 303.1085/AS)
- 14" Standard filter assembly (Part No. 303.1025/AS)
- 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

KEY CONSUMABLES & ACCESSORIES

The Trelawny range of vacuums are designed to work in partnership with our full range of machines to provide a dust-free working environment. The below chart matches the specific Trelawny machine with the most compatible vacuum. This is based on both performance of the vacuum and the vacuum cost in relation to the machine.

Key to the guide:

★★★ Most suitable combination.

★★ Satisfactory combination.

★ Least satisfactory combination.

\- Not compatible.

	Series K Pneumatic	Series K Electric	A22 Vacuum	A45 Vacuum	A70 Vacuum
Hand Scabblers	★★★	★★★	★★		
MHS11 Floor Scabbler	★★		★★	★★★	★★
MHS5 Floor Scabbler	★★		★	★★★	★★
TFP200 Floor Scarifier	★★		★★★	★★	★★
TFP260 Floor Scarifier			★	★★★	★★
TFP320 Floor Scarifier			★	★★	★★★
TCG125/180 Hand Grinder		★★★	★★	★	
TCG250 Floor Grinder			★★★	★★	★★
TCG500 Floor Grinder			★	★★★	★★
TPG540 Floor Grinder				★★★	★★
TPG650 Floor Grinder				★★	★★★
Needle Guns	★★★	★★★	★		
PPT Hand Held Scarifier	★★★	★★★	★		
Whirl Away Rotary Scaler	★★★	★★★	★		
SF11 Deck Hammer	★★	★★	★★★	★★★	

AIR TOOL ACCESSORIES

A full range of complimentary accessories are available, including air hoses, lubricators and connectors.

Compressed air tools and hoses working under pressure can pose a serious risk if adequate safety measures are not implemented and followed. Trelawny always advise using high quality air fittings and accessories, ensure regular maintenance is carried out as per the tools operation and maintenance manual and adhere to specified pressure given in the technical data sheet.

AIR HOSES

Image	Trelawny Part No.	Description
	843.0752	Air Hose Consists of ¾" air hose with claw couplings - 15m
	719.3000	Air Hose ⅜" Bore - 30m
	421.3450	Air Hose Consists of air hose, ¼" BSP male coupling, claw coupling - 2m
	421.3452	Air Hose Consists of air hose ⅜" BSP male coupling, claw coupling - 2m

CONNECTORS

Image	Trelawny Part No.	Description
	819.2375	¼" BSP - ⅜" Stem Connector
	819.0385	⅜" BSP - ⅜" Stem Connector
	843.0770	½" BSP Claw Coupling Female
	843.0775	⅜" BSP Claw Coupling Male
	819.0380	⅜" Hose Tail with Claw Coupling
	819.5336	⅜" Hose Tail with Schrader Connector Male
	819.5333	¼" BSP Schrader Connector Male
	819.5334	¼" BSP Schrader Snap Connector Female
	821.0625	⅝" Hose Clips

LUBRICATORS

Image	Trelawny Part No.	Description
	859.1530	¼" BSP Inline lubricator
	859.1555	½" BSP Inline lubricator
	859.1580	¾" BSP Inline lubricator

LUBRICATOR ASSEMBLIES

Image	Trelawny Part No.	Description
	458.1530	¼" Whip Hose & Oiler Assembly Consists of of whip hose, and ¼" lubricator
	458.1555	½" Whip Hose & Oiler Assembly Consists of of whip hose, whip check and ½" lubricator
	458.1580	¾" Whip Hose & Oiler Assembly Consists of of whip hose, whip check and ¾" lubricator

WHIP CHECKS

Image	Trelawny Part No.	Description
	815.5550	Safety Whip Check ½" - 1¼"
	815.5560	Safety Whip Check 1½" - 3"

PPE KIT

Image	Trelawny Part No.	Description
	446.7002	Trelawny PPE Kit Consists of: High vis jacket, safety gloves, safety glasses & ear plugs

AIR PRESSURE INFORMATION

Pressure is the pushing force or power which drives the tool. Correct air pressure is very important, too low and the tool will not perform at its maximum, too high, wear and damage to the tool will dramatically increase and at worst can lead to a potentially deadly failure or accident!

Air pressure is commonly measured in:
• PSI (Pounds per Square Inch) • BAR
1 BAR = 14.5 PSI

Air Consumption is the amount of compressed air the tool will use (at the manufacture's specified pressure)

Air consumption is commonly measured in:
• CFM (Cubic Feet per minute) • LPM (Litres per minute) • LPS (Litres per second)
1 CFM = 28.32 LPM or 0.47 LPS

AIR PRESSURE NOTES

FAD (Free air Delivery)
When selecting compressor size the output should always be measured as the FAD rating of the compressor. This is the actual volume of air (in CFM, LPM, LPS) discharged by the compressor therefore a more accurate measure of the air available to use.

Displacement
Is the theoretical volume of a compressor also measured in CFM, it should not be used as a basis for selecting a compressors ability to run a tool.

Pressure vs consumption
Ensure your compressor can output the required air at the specified pressure. Pressure and consumption are not the same thing!

Tank size
Many people mistakenly look at the tank capacity (in litres) of a compressor as the main criteria for running a piece of equipment. Tank capacity is purely for storage and to reduce the running of the compressor motor. The compressors FAD measured in CFM is the critical criteria to determine whether it will run a specified piece of equipment.

AIR COMPRESSOR REQUIREMENTS

Tool / Machine	Cubic Feet Per Minute (CFM)	Litres Per Minute (LPM)	Litres Per Second (LPS)
Single head scabblers	6.5	186	0.18
Three headed scabblers	15	408	0.42
Pole scabblers/tampers	25	708	0.7
PPT pneumatic hand scarifiers	30	840	0.84
MHS11 floor scabbler	55	1560	1.54
TFP pneumatic floor scarifier	170	4956	4.76
Needle / Chisel Scalers (B/BPG)	3 - 8	85 - 227	1.42 - 3.8
Low Vibration Needle / Chisel Scalers (VL)	4.0 - 5.5	113 - 156	1.89 - 2.6
Long Reach Scalers (LRS)	4.5	127	2.12
Air Hammers (M13)	8.5	241	4.0
Hand Held Scalers (PPT)	30	850	14.1
Handheld Scaling Hammers (SF)	7 - 11	198 - 312	3.29 - 5.17
Angle Grinders	8 - 10	227 - 283	3.8 - 4.7
Deck Hammer (SF11)	70	1,982	32.9
Trident Neptune Deck Scaler (TN)	68	1,926	31.96
Hydraflex Hold Cleaner (HY)	70	1,982	32.9
Vacuums	35	991	16.45

Consumption figures quoted in this brochure are always quoted at 90 PSI (6.2 BAR) Standard operating pressure for all Trelawny tools.

VINYL WRAPPING

BESPOKE VINYL WRAPPING

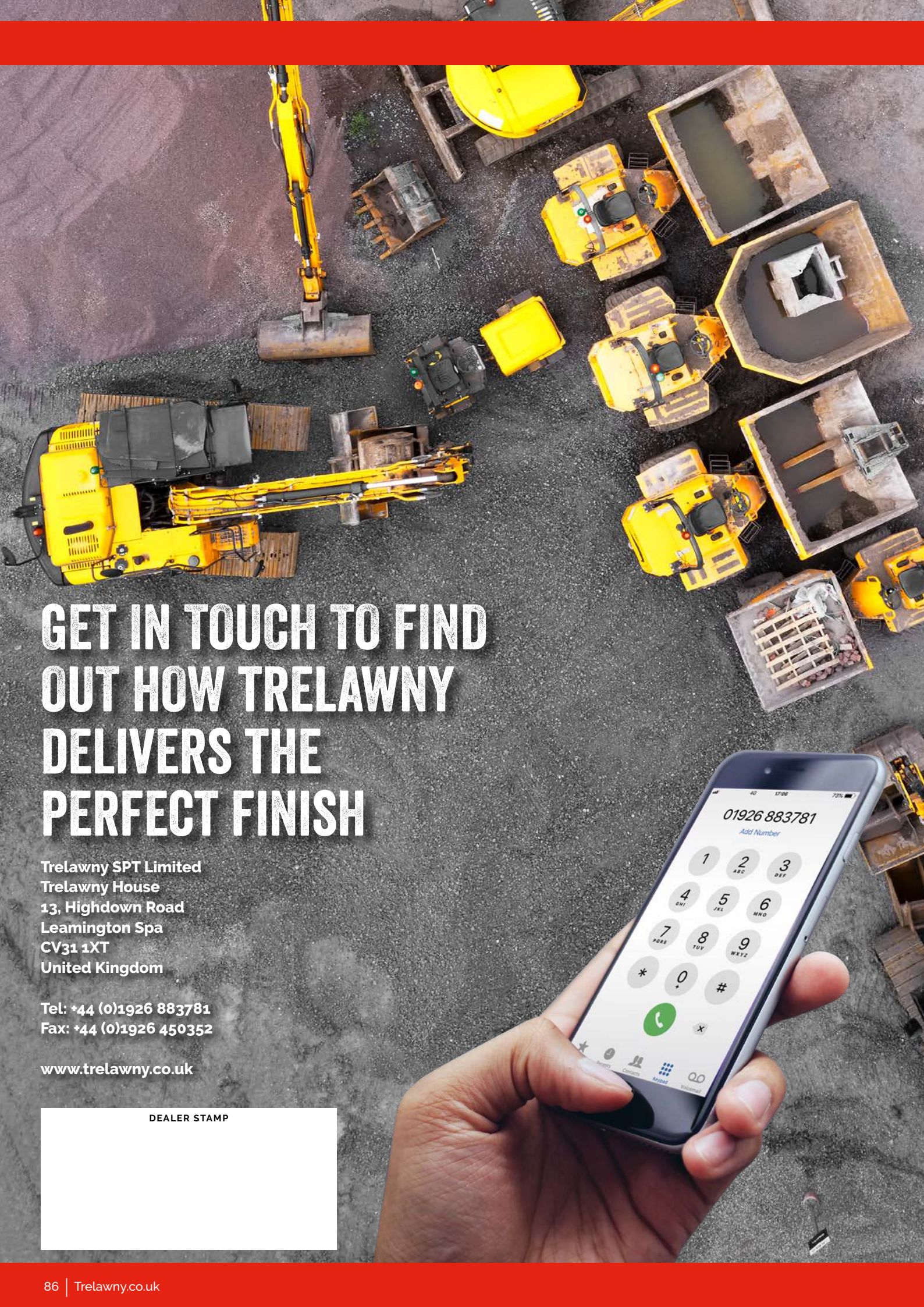
Brand your Trelawny product in your own unqiue colours and messaging, by taking advantage of our vinyl wrapping service. Trelawny's 2021 floor machines offer the option for you to brand your machine however you'd like. Stand out by using our vinyl wrap service to promote your brand and cross sell other products in your range.

We'll design your machine and work with you to include all elements available, the options are endless!

EXAMPLE:

Get in touch to see a visual render of your company branding on our machines, or contact our sales team for further information.
sales@trelawny.co.uk | 01926 883781

*Available on TFP, TCG & A Series ranges.



GET IN TOUCH TO FIND OUT HOW TRELAWNY DELIVERS THE PERFECT FINISH

Trelawny SPT Limited
Trelawny House
13, Highdown Road
Leamington Spa
CV31 1XT
United Kingdom

Tel: +44 (0)1926 883781
Fax: +44 (0)1926 450352

www.trelawny.co.uk

DEALER STAMP