

# SURFACING THE WORLD

**SURFACE PREPARATION EQUIPMENT**

**TRELAWNY**<sup>TM</sup>  
SURFACE PREPARATION TECHNOLOGY

**[www.trelawnyspt.co.uk](http://www.trelawnyspt.co.uk)**

## 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 gas)
- Nuclear decommissioning (remediation)
- 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.

## MISSION STATEMENT

- To Engage:** Our customers with quality solutions which ensure the greatest possible value over the lifetime of our products.
- To Pursue:** Continuous improvement in all our operations.
- To Maintain:** A design program of developing tools and solutions which fulfil customer needs and anticipate market regulations.

## ABOUT SURFACE PREPARATION

### 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.



## HEALTH & SAFETY INITIATIVES



### 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<sup>TM</sup>, 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](http://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<sup>®</sup>) 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.

## QUALITY ASSURANCE

Trelawny SPT is an accredited certification, compliant with the latest version of ISO (9001:2008). We have a thorough and dedicated quality department that ensures the entirety of the criteria for a quality management system is met and maintained.

Furthermore, the department carries out regular engineering specification testing on all products. We begin from the customers' approach in order to understand how they would perceive their item upon receiving it; working through to extensive measurement and testing to verify that the products will achieve the levels of performance expected. This procedure has become a vehicle for identifying development opportunities and maintaining the high class of quality that we have always been reputable for carrying.



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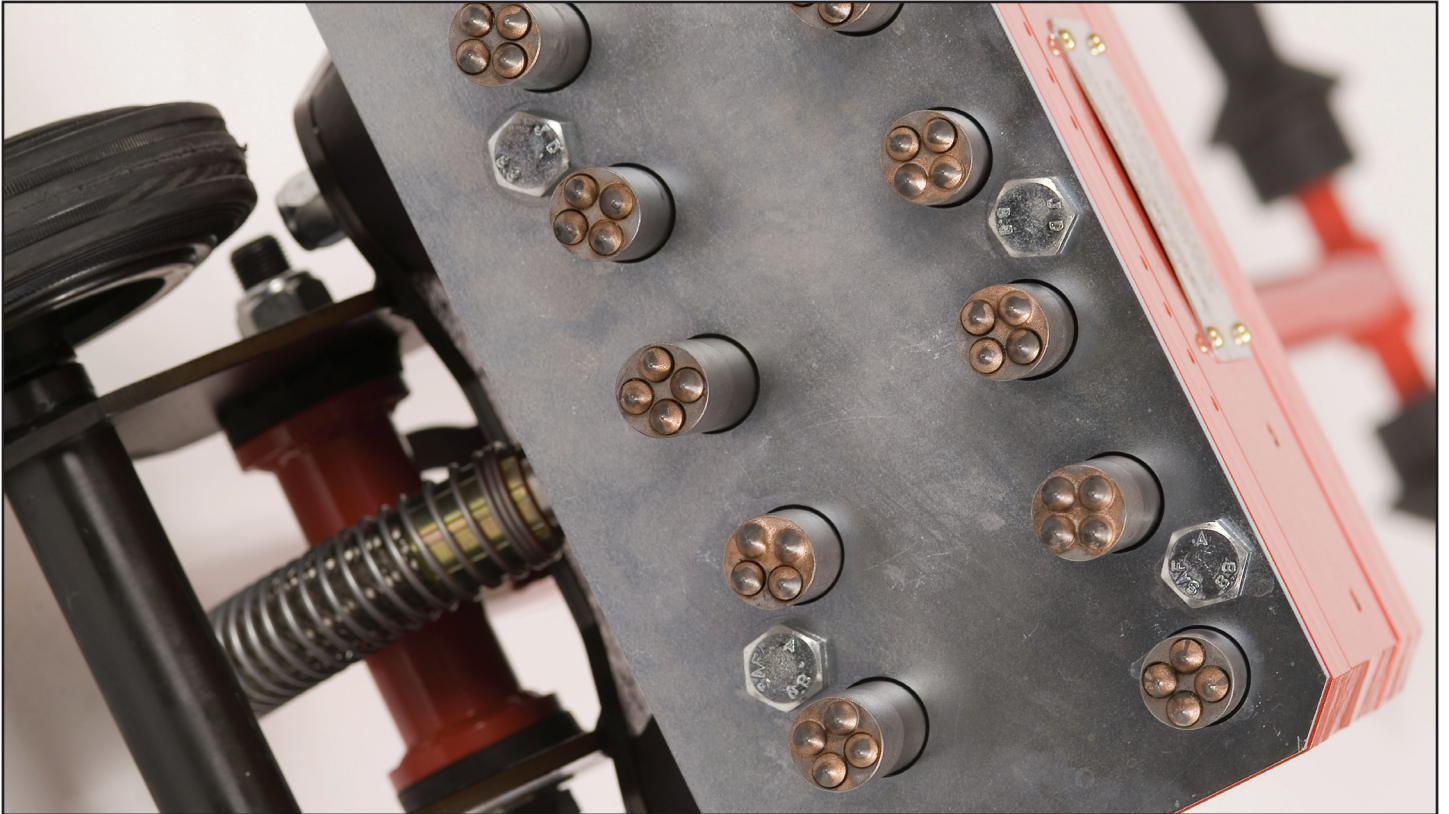
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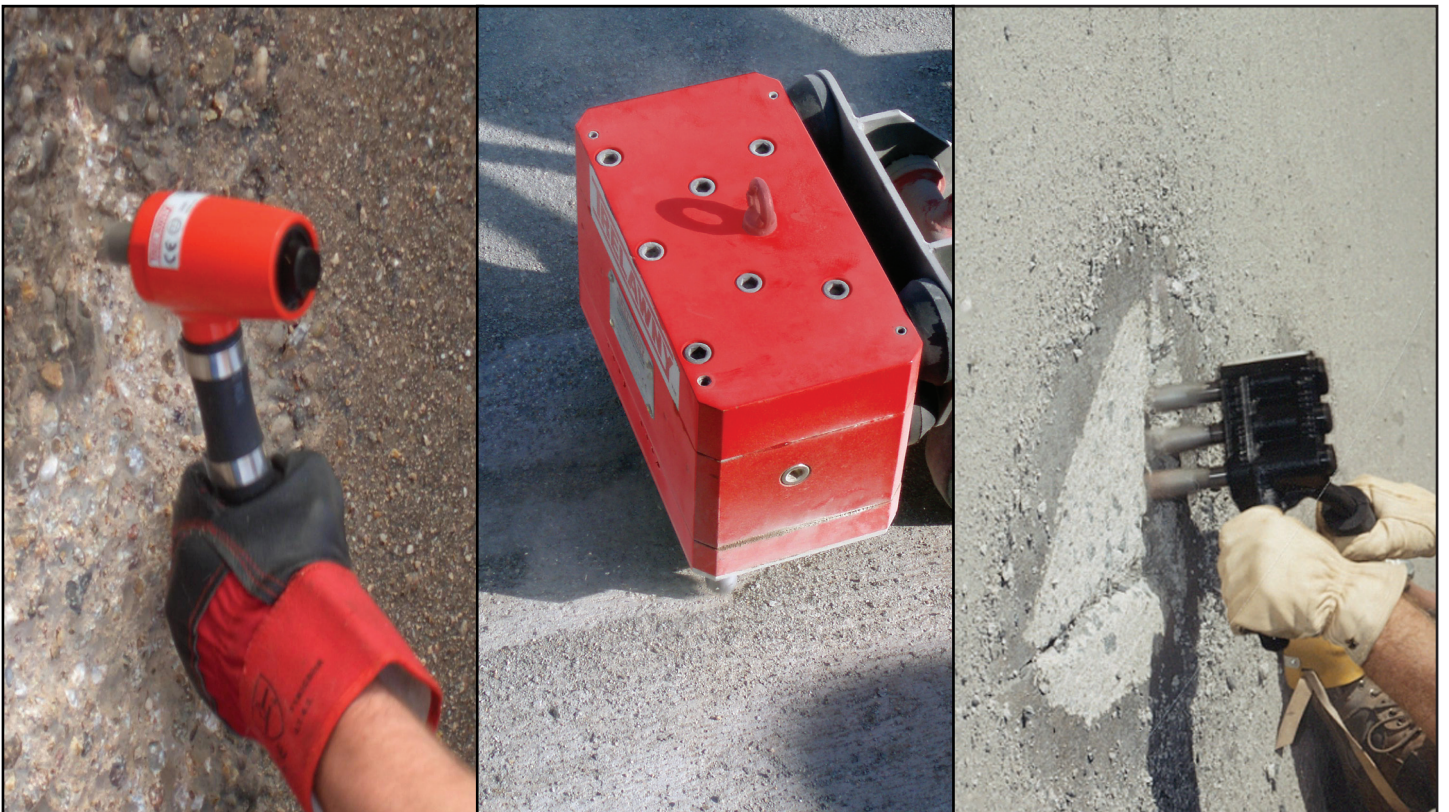
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# SCABBING





## LOW VIBRATION HEAVY DUTY SCABBLER - SINGLE HEAD

**SH1**


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 VL SH1 low vibration model helps reducing the risk to operators of vibration related injuries.

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



Low vibration options available



Dust control options available

See page 72 for our full range of vacuums

### FEATURES & BENEFITS

- Single replaceable tough carbide tipped piston for fast production and long service life
- Ergonomic handle for ease of use – Also available with a short handle for tight areas
- Simple and robust design for easy maintenance
- Optional Trelawny Vibro-Lo<sup>TM</sup> vibration reduction system for operator safety

### APPLICATIONS

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



REDUCING LEVELS ON CONCRETE



ROUGHENING CONCRETE


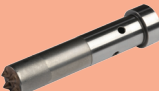








CONCRETE PREPARATION

# LOW VIBRATION HEAVY DUTY SCABBLER - SINGLE HEAD

**SH1**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	612.5320	<b>Single Piece Cruciform Piston</b> Flatter surface profile, ideal for fast reduction of material
	612.5325	<b>Single Piece Bush Piston</b> Rough pitted profile, ideal for application of fresh concrete or coatings
	614.5301	<b>Brush Seal</b>
	437.5100	<b>Vacuum Shroud</b> * Not available for low vibration models
	815.5550	<b>Whip Check</b>
	859.1530	<b>1/4" BSP Inline lubricator</b>
	421.3452	<b>Whip Hose</b> Consists of air hose 3/8 BSP claw - 2m
	458.1530	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 1/4 Inline lubricator



## 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/s <sup>2</sup> )
Single Scabbler Bush Hammer Head	151.5250	2.6	485	160	2400	3 - 6.5	94	7.0
Single Scabbler Cruciform Head	151.5200	2.6	485	160	2400	3 - 6.5	94	7.0
Low Vibration Single Scabbler Bush Hammer Head	196.5105	2.5	465	160	2900	5.6 - 11.9	91	4.5
Low Vibration Single Scabbler Cruciform Head	196.5100	2.5	465	160	2900	5.6 - 11.9	91	4.5
Single Scabbler Cruciform Head fitted with shroud	139.5192	2.6	485	160	2400	3 - 6.5	94	7.0



## HEAVY DUTY TRIPLE HEAD SCABBLER - SIDE HANDLE

**SH3**


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<sup>®</sup> vacuum shroud allows the connection of an industrial dust collector for collecting nuisance and hazardous dust for protection of operators and environment.



Dust control options available

See page 72 for our full range of vacuums

### FEATURES & BENEFITS

- 3 replaceable tough carbide tipped piston for fast production and long service life
- Side handle for greater control
- Can be used in two configurations for standard and in-line operation to aid access to prepare narrow joints
- Optional short handle for accessing tight areas
- Simple and robust design for low and easy maintenance

### APPLICATIONS

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



LEVELLING CONCRETE



ROUGHENING CONCRETE




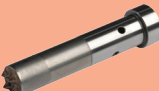






CONCRETE REDUCTION



# HEAVY DUTY TRIPLE HEAD SCABBLER - SIDE HANDLE

**SH3**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	612.5320	<b>Single Piece Cruciform Piston</b> Flatter surface profile, ideal for fast reduction of material
	612.5325	<b>Single Piece Bush Piston</b> Rough pitted profile, ideal for application of fresh concrete or coatings
	614.5301	<b>Brush Seal</b>
	437.5300	<b>Vacuum Shroud</b>
	815.5550	<b>Whip Check</b>
	859.1555	<b>1/2" BSP Inline lubricator</b>
	421.3452	<b>Whip Hose</b> Consists of air hose 3/8" BSP claw - 2m
	458.1555	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 1/2" lubricator



## 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/s <sup>2</sup> )
Triple Scabbler Side Handle Bush Hammer Head	153.5250	5.2	485	160	2400 x 3	7.5 - 15.9	98	8.7
Triple Scabbler Side Handle Cruciform Head	153.5200	5.2	485	160	2400 x 3	7.5 - 15.9	98	8.7
Triple Scabbler with Shroud Cruciform Head Short Handle	139.5390	5.2	485	160	2400 x 3	7.5 - 15.9	98	8.7
Triple Scabbler with Shroud Cruciform Head	139.5392	5.2	485	160	2400 x 3	7.5 - 15.9	98	8.7

## LOW VIBRATION CONSTRUCTION SCABBLER - SINGLE HEAD

**SC1**


**THE SC1 IS THE MOST POWERFUL SINGLE HEAD SCABBLER FOR HEAVY DUTY APPLICATIONS.**

The new cap design and replaceable cylinder sleeve make servicing even simpler.

Vibro-Lo<sup>TM</sup> low vibration system fitted as standard.

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



Low vibration



Dust control options available

See page 72 for our full range of vacuums

### FEATURES & BENEFITS

- Single replaceable tough carbide tipped piston for fast production and long service life
- Sturdy top cap design for easy maintenance and reassembly
- Heavy duty cast body to suit the heaviest of applications
- Trelawny Vibro-Lo<sup>TM</sup> vibration reduction system for operator safety

### APPLICATIONS

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



REDUCING LEVELS ON CONCRETE



ROUGHENING CONCRETE









CONCRETE PREPARATION



# LOW VIBRATION CONSTRUCTION SCABBLER - SINGLE HEAD

**SC1**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	612.6000	<b>Single Piece Cruciform Piston</b> Flatter surface profile, ideal for fast reduction of material
	612.6010	<b>Single Piece Bush Piston</b> Rough pitted profile, ideal for application of fresh concrete or coatings
	815.5550	<b>Whip Check</b>
	859.1530	<b>1/4" BSP inline lubricator</b>
	421.3452	<b>Whip Hose</b> Consists of air hose 3/8" BSP claw - 2m
	458.1530	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 1/4 lubricator

## TECHNICAL DATA

Model	Part Number	Weight (kg)	Width (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	55	130	2800	5.6 - 12	98.5	4.6 
Heavy Duty Single Scabbler Cruciform Head	151.6170	2.85	55	130	2800	5.6 - 12	98.5	4.6 



## CONSTRUCTION SCABBLER - TRIPLE HEAD - BACK HANDLE

**SC3**


**THE SC3 IS THE MOST POWERFUL TRIPLE HEAD SCABBLER FOR HEAVY DUTY APPLICATIONS.**

Available with the ergonomic back handle grip or the flat head with Trelawny Vibro-Lo<sup>TM</sup> side handle.

The new cap design and replaceable cylinder sleeve make servicing even simpler.

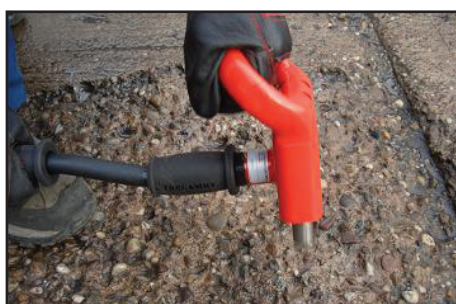
The optional TVS<sup>®</sup> vacuum shroud allows the connection of an industrial dust collector for collecting nuisance and hazardous dust.

### FEATURES & BENEFITS

- 3 Replaceable tough carbide tipped piston for fast production and long service life
- Ergonomic back handle for easy operation or optional Vibro-Lo<sup>TM</sup> model with a low vibration side handle
- Heavy duty cast body to suit the heaviest of applications

### APPLICATIONS

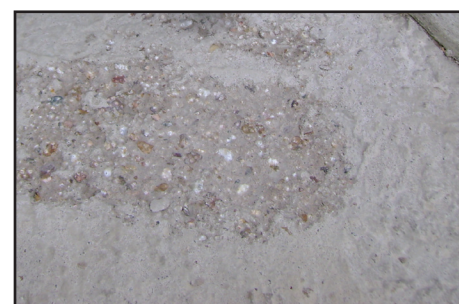
- Removal of laitance
- Roughening and exposing aggregate
- Preparing joints and cracks
- Removing existing coatings
- Reduction and levelling



**SCABBLING CONCRETE**



**ROUGHENING CONCRETE**









**TEXTURING CONCRETE**

# CONSTRUCTION SCABBLER - TRIPLE HEAD - BACK HANDLE

**SC3**

## KEY CONSUMABLES & ACCESSORIES

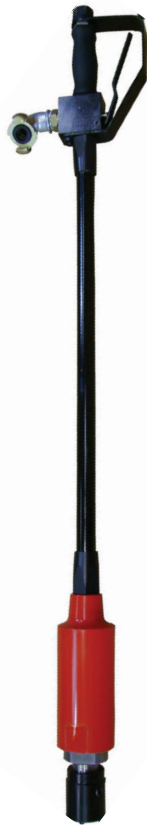
Image	Part Number	Description
	612.6000	<b>Single Piece Cruciform Piston</b> Flatter surface profile, ideal for fast reduction of material
	612.6010	<b>Single Piece Bush Piston</b> Rough pitted profile, ideal for application of fresh concrete or coatings
	815.5550	<b>Whip Check</b>
	859.1580	<b>3/8" BSP inline lubricator</b>
	421.3452	<b>Whip Hose</b> Consists of air hose 3/8" BSP claw - 2m
	458.1580	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 3/8" lubricator

## TECHNICAL DATA

Model	Part Number	Weight (kg)	Width (mm)	Working Height (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Noise Level (db (A) )	Vibration Level (Aeq m/s <sup>2</sup> )
Triple Scabbler Back Handle Bush Hammer Head	153.6151	4.7	155	220	2800 x 3	7.5 - 16	98.5	41.6
Triple Scabbler Back Handle Cruciform Head	153.6150	4.7	155	220	2800 x 3	7.5 - 16	98.5	41.6
Triple Scabbler Flat Back Bush Hammer Head	153.6171	5.6	155	220	2800 x 3	7.5 - 16	98.5	<10
Triple Scabbler Flat Back Cruciform Head	153.6170	5.6	155	220	2800 x 3	7.5 - 16	98.5	<10

## POLE SCABBLER

## LPS55



**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 & BENEFITS

- 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**



**TEXTURING CONCRETE**









# POLE SCABBLER / POLE TAMPER

**LPS55**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	441.5359	<b>Scabbler Head 5 Point Bush</b> Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5369	<b>Scabbler Head 9 Point Bush</b> Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5360	<b>Scabbler Head Cruciform</b> Pin fit - including pin Flatter surface profile, ideal for fast reduction of material
	450.5017	<b>Round foot compactor - 127 mm (5" Round)</b> Pin fit
	450.5011	<b>Square foot compactor - 100 x 100mm (4" x 4")</b> Pin fit
	450.5013	<b>Compactor foot - 152 x 127mm (6" x 5")</b> Pin fit

Image	Part Number	Description
	450.5016	<b>Compactor foot - 100 x 200mm (4" x 8")</b> Pin fit
	446.5000	<b>VL LRS55 Service Kit</b>
	815.5550	<b>Whip check</b>
	859.1580	<b>3/4" BSP inline lubricator</b>
	458.1580	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 3/4" lubricator
	715.0752	<b>3/4" Air Hose</b> Complete with couplings 15m length

## TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Vibration Level (Aeq m/s <sup>2</sup> )
LPS55 c/w 5 Point Scabbler Head	150.5001	13.4	1392	1100	11.6 - 24.6	35.0
LPS55 c/w 9 Point Scabbler Head	150.5002	13.4	1392	1100	11.6 - 24.6	35.0
LPS55 c/w 5" Round Compactor Foot	150.5031	13.0	1392	1100	11.6 - 24.6	44.5
LPS55 c/w 4" x 4" Compactor Foot	150.5030	13.0	1392	1100	11.6 - 24.6	43.0
LPS55 c/w 6" x 5" Compactor Foot	150.5021	13.5	1392	1100	11.6 - 24.6	43.6

## LOW VIBRATION POLE SCABBLER

**VL LRS55**


**THE VL LRS55 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 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.



Low vibration

## FEATURES & BENEFITS

- 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 REDUCTION




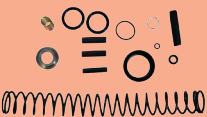






TEXTURING CONCRETE



## LOW VIBRATION POLE SCABBLER

**VL LRS55**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	441.5359	<b>Scabbler Head 5 Point Bush</b> Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5369	<b>Scabbler Head 9 Point Bush</b> Pin fit - including pin Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5360	<b>Scabbler Head Cruciform</b> Pin fit - including pin Flatter surface profile, ideal for fast reduction of material
	446.5000	<b>VL LRS55 Service Kit</b>
	815.5550	<b>Whip check</b>
	859.1580	<b>3/8" BSP inline lubricator</b>
	458.1580	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 3/8" lubricator
	715.0752	<b>3/4" Air Hose</b> Complete with couplings 15m length

### TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Vibration Level (Aeq m/s <sup>2</sup> )
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 compactor foot.

## LOW VIBRATION POLE TAMPER

**VL LRS55**


**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<sup>TM</sup> 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.



Low vibration

## FEATURES & BENEFITS

- 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/m<sup>3</sup>  
Suitable for pathways & highway re-instatement.



**BACK FILL COMPACTION**



**ASPHALT COMPACTION**



**REINSTATEMENT COMPACTION**



## LOW VIBRATION POLE TAMPER

**VL LRS55**

### 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

Image	Part Number	Description
	815.5550	Whip check
	859.1580	3/4" BSP inline lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and 3/4" lubricator
	715.0752	3/4" Air Hose Complete with couplings 15m length

### TECHNICAL DATA

Model	Part Number	Weight (kg)	Length (mm)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Vibration Level (Aeq m/s <sup>2</sup> )
VL LRS55 c/w 5" Round Compactor Foot	150.5331	21.5	1270	1300	11.8 - 25.0	3.5 
VL LRS55 c/w 4" x 4" Compactor Foot	150.5330	21.5	1270	1300	11.8 - 25.0	3.5 
VL LRS55 c/w 6" x 5" Compactor Foot	150.5335	21.5	1270	1300	11.8 - 25.0	3.5 
VL LRS55 c/w 5" Round Compactor Foot	150.5430	21.5	1670	1300	11.8 - 25.0	3.5 

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

## 11 HEAD CONCRETE FLOOR SCABBLER

**MHS11**


**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<sup>2</sup> per hour.



Low vibration



Dust control options available

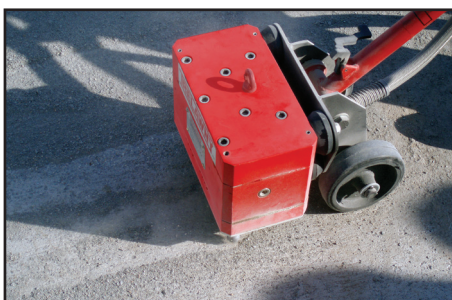
See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 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
- Trelawny Vibro-Lo<sup>TM</sup> vibration reduction system for protection of operators
- Optional Trelawny TVS<sup>®</sup> vacuum shroud system 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<sup>®</sup> shroud system



CONCRETE SCABBLING



FITTED WITH DUST SHROUD



LAITANCE REMOVAL

# 11 HEAD CONCRETE FLOOR SCABBLER

**MHS11**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	612.0125	One piece piston, tungsten carbide tipped, bush hammer head To suit models 159.6050 and 159.6051
	612.0224	Pin fit piston to fit replaceable head To suit model 159.6000 and 159.6100
	441.5455	Pin fit Replaceable cutter head, tungsten carbide tipped, bush hammer head To suit model 159.6000
	441.5460	Pin Fit Replaceable cutter head, tungsten carbide tipped, cruciform head To suit model 159.6100
	614.5302	Brush seal

Image	Part Number	Description
	437.0120	Vacuum Shroud
	815.5550	Whip Check
	859.1580	3/4" BSP inline lubricator
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and 3/4" lubricator
	715.0752	3/4" Air Hose Complete with couplings 15m length

## 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 <sup>2</sup> )
MHS11 One Piece Bush Piston	159.6050	70	340	1290	285	250	2200 x 11	26 - 55	97	4.96
MHS11 One Piece Bush Piston c/w Shroud	159.6051	72	340	1290	285	250	2200 x 11	26 - 55	97	4.96
MHS11 Two Piece Bush Piston	159.6200	70	340	1290	285	250	2200 x 11	26 - 55	97	4.96
MHS11 Two Piece Bush Piston c/w Shroud	159.6201	72	340	1290	285	250	2200 x 11	26 - 55	97	4.96
MHS11 Two Piece Cruciform Piston	159.6210	70	340	1290	285	250	2200 x 11	26 - 55	97	4.96
MHS11 Two Piece Cruciform Piston c/w Shroud	159.6211	72	340	1290	285	250	2200 x 11	26 - 55	97	4.96

## 5 HEAD CONCRETE FLOOR SCABBLER

**MHS5**


**THE MHS5 IS THE HEAVY DUTY FLOOR SCABBLER OF CHOICE FOR FAST REDUCTION OF LEVELS.**

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

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

Production rates in excess of 40 m<sup>2</sup> per hour.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 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<sup>™</sup> 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<sup>®</sup> vacuum shroud



**LAITANCE REMOVAL**



**SURFACE FINISH AFTER SCABBLING**









**REDUCING HIGH SPOTS**



## 5 HEAD CONCRETE FLOOR SCABBLER

**MHS5**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	441.5360	<b>Cruciform Scabbler Head</b> Pin fit Flatter surface profile, ideal for fast reduction of material
	441.5359	<b>5 Point Bush Hammer Scabbler Head</b> Pin fit Rough pitted profile, ideal for application of fresh concrete or coatings
	441.5369	<b>9 Point Bush Hammer Scabbler Head</b> Pin fit Rough pitted profile, ideal for application of fresh concrete or coatings
	815.5550	<b>Whip Check</b>
	859.1580	<b>3/4" BSP inline lubricator</b>
	458.1580	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 3/4" lubricator
	715.0752	<b>3/4" Air Hose</b> Complete with couplings 50m length

### 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 <sup>2</sup> )
MHS5 Floor Scabbler 5 Point Head	159.5050	114	110	970	720	290	1300 x 5	38 - 80	94.7	16.5
MHS5 Floor Scabbler 9 Point Head	159.5075	114	110	970	720	290	1300 x 5	38 - 80	94.7	16.5

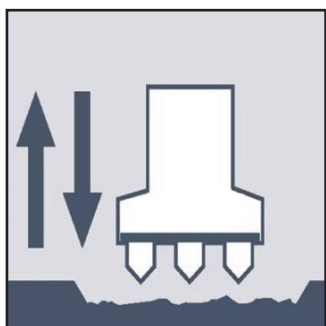
## SCABBLING - FURTHER INFORMATION

### 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.

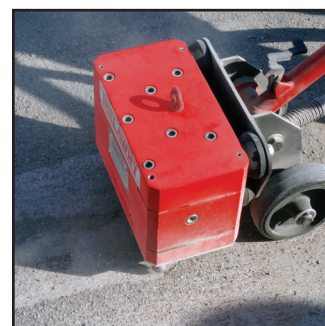
Scabblers leave a rough heavy profile.



### 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

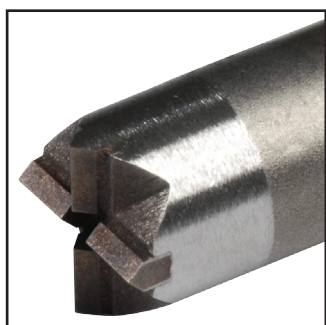
2 types of cutter heads are available for the Trelawny range of scabblers.

#### 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, 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 there 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 there application.







# SCARIFYING





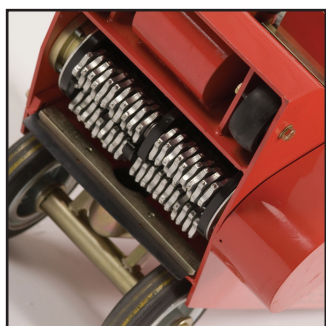
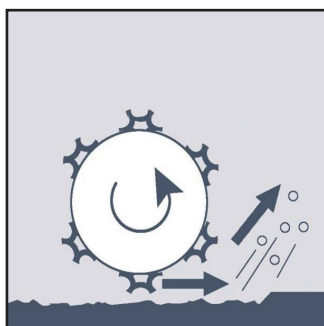
## SCARIFYING INTRODUCTION

## TFP RANGE

### 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 contaminants.
- 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.

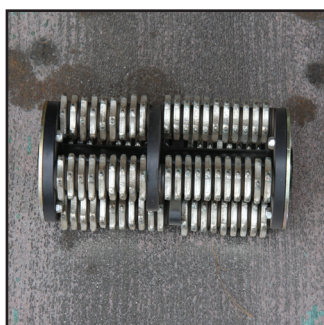


### CUTTER OPTIONS

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 27 for further information on individual cutters and applicable applications.



### HINTS & TIPS

Sometimes its 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 it straight lines, when doing the second passes plane at right angles 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.



# FLOOR SCARIFIER APPLICATION GUIDE

## TFP RANGE

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 applications



TCT Cutters



TCT Cutters (Grooving)



Milling Cutters



Star Cutters



Beam Cutters



Wire Brush

Preparation Guide						
	<div>Heavy Scarifying</div> <div>Light Cleaning</div>					
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

## 200MM FLOOR SCARIFIER

**TFP200**


**THE SMALLEST IN THE TFP RANGE OF SCARIFIERS THE TFP200 IS PERFECT FOR SMALL TO MEDIUM JOBS.**

The ridged 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.



Dust control options available

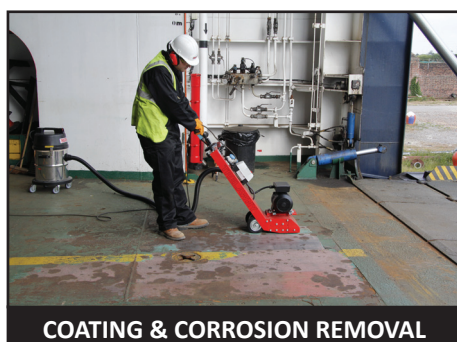
See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 195mm 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

## APPLICATIONS

- Suitable for smaller jobs and where 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



**COATING & CORROSION REMOVAL**



**ROUGHENING CONCRETE**







**USE IN FLOOR PREPARATION**



## 200MM FLOOR SCARIFIER

**TFP200**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	320.5500	<b>Tungsten Carbide Tipped Cutters</b> For all concrete texturing, scabbling, planing and grooving applications
	320.9620	<b>Star Cutters</b> For the removal of paint, coatings and laitance. Deck descaling
	320.4140	<b>Beam Cutters</b> For the removal of paint, coatings, laitance, grease, dirt and ice deposits. Deck Descaling
	320.5500	<b>Milling Cutters</b> For the removal of thermoplastic road and runway markings, bituminous and rubber deposits.
	320.9620	<b>Wire Brush</b> For general cleaning and removal of light surface rust.
	320.4140	<b>Spacers</b> Used to create a gap in between cutters.

- Note: Please see page 36 for detailed information on the full TFP200 accessories range.

### TECHNICAL DATA

Model	Part Number	Power (HP - kW)	Voltage (v)	Cycle (Hz)	Cutter Speed (RPM)	Weight (kg)	Plug Size	Transformer Size	Cable Size (mm)	Cable Length (m)	Engine Type	Air Consumption
TFP200 Petrol TCT	320.2000T	5.5 - 4.1	-	-	1833	59	-	-	-	-	Honda GX160	-
TFP200 110v TCT	320.2002T	3 - 2.2	110	50	1650	68	32 Amp	3 Kva*	2.5 - 4 core	15 - 30m	-	-
TFP200 230v TCT	320.2004T	3 - 2.2	230	50 / 60	1650	68	16 Amp	-	Min. 2.5 core	30m max	-	-
TFP200 400v TCT	320.2006T	3 - 2.2	400	50 / 60	1650	68	16 Amp	-	Min. 2.5 core	30m max	-	-
TFP200 110v TCT	320.2016T	3 - 2.2	110	60	1650	68	32 Amp	3 Kva*	2.5 - 4 core	15 - 30m	-	-
TFP200 Air TCT	320.2012T	3.5 - 2.6	-	-	1528	45	-	-	-	-	-	78lps - 165cfm

### DIMENSIONS

Working Width (mm)	Length (mm)	Width (mm)	Height (mm)	Maximum Cutting Depth (mm)	Vacuum Take Off Diameter (mm)
195	900	350	900	3	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.

## 250MM FLOOR SCARIFIER

**TFP260**


**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.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 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

## APPLICATIONS

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



**REDUCING LEVELS ON CONCRETE**



**ROUGHENING CONCRETE**



**USE WITH A45 DUST COLLECTOR**

## 250MM FLOOR SCARIFIER

**TFP260**

### KEY CONSUMABLES & ACCESSORIES

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

- Note: Please see page 37 for detailed information on the TFP260 accessories range.

### TECHNICAL DATA

Model	Part Number	Power (HP - kW)	Voltage (v)	Cycle (Hz)	Cutter Speed (RPM)	Weight (Kg)	Plug Size	Cable Size (mm)	Cable Length (m)	Engine Type
TFP260 Petrol	326.2000T	8 - 6	-	-	1500	185	-	-	-	Honda GX240
TFP260 400v	326.2006T	7.5 - 5.5	400	50/60	1500	185	16 Amp 5 pin	Min. 2.5 core	30m	-

### DIMENSIONS

Working Width (mm)	Length (mm)	Width (mm)	Height (mm)	Maximum Cutting Depth (mm)	Vacuum Take Off Diameter (mm)
250	1120	440	1160	6	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.

## 320MM FLOOR SCARIFIER

**TFP320**


**THE TFP320 IS A HEAVY DUTY HYDRAULIC DRIVE MACHINE FOR LARGE JOBS.**

The machine is self driven with variable speed for total operator control.

Heavy weight and the up cutting drum gives the ultimate performance for large scarifying projects such as car parks and bridges.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 320mm cutting width
- Heavy weight construction for increased production
- Hydraulic drive with speed control with forward and backward movement for easy operation both while working and manoeuvring
- Precise height adjustment with hydraulic drum lift for accurate working and operator control
- Side dust port allows connection of industrial dust collector for dust free performance

## APPLICATIONS

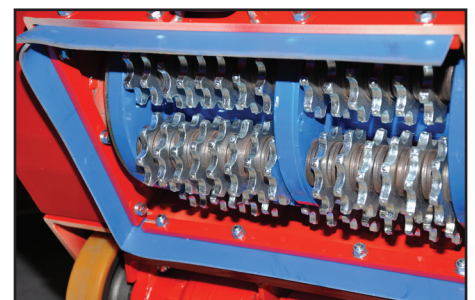
- Suitable for large jobs
- Fast removal of hard coatings and membranes
- Accurate levelling and removing layers of hard materials
- Removing painted lines
- Grooving and texturing concrete



**COATING & CORROSION REMOVAL**



**ROUGHENING CONCRETE**



**TCT CUTTING DRUM**



## 320MM FLOOR SCARIFIER

**TFP320**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	320.7008	<b>Tungsten Carbide Tipped Cutters</b> For all concrete texturing, scabbling, planing and grooving applications
	320.5190	<b>Beam Cutters</b> For the removal of paint, coatings, laitance, grease, dirt and ice deposits. Deck Descaling
	320.5690	<b>Milling Cutters</b> For the removal of thermoplastic road and runway markings, bituminous and rubber deposits.
	320.4141	<b>Spacers</b> Used to create a gap in between cutters.

- Note: Please see page 38 for detailed information on the TFP320 accessories range.

### TECHNICAL DATA

Model	Part Number	Power (HP - kW)	Voltage (v)	Cycle (Hz)	Cutter Speed (RPM)	Weight (Kg)	Plug Size	Cable Size (mm)	Cable Length (m)	Engine Type
TFP320 Petrol	332.2000T	13 - 9.7	-	-	1000	310	-	-	-	Honda
TFP320 Diesel	332.2008T	10 - 7.5	-	-	650	319	-	-	-	Yanmar
TFP320 400v	332.2006T	15 - 11	400	50/60	650	339	32 Amp 5 Pin	6mm 4 Core	75	-

### DIMENSIONS

Working Width (mm)	Length (mm)	Width (mm)	Height (mm)	Maximum Cutting Depth (mm)	Vacuum Take Off Diameter (mm)
320	1230	590	1220	8	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.

## WHIRL AWAY ROTARY RENOVATION TOOL



**THE WHIRL AWAY ROTARY SCALER IS A RENOVATION AND PREPARATION TOOL THAT CLEANS, KEYS AND PREPARES SURFACES READY FOR THE APPLICATION OF NEW MATERIALS.**

Available with a range of cutters to suit a wide variety of applications, the whirlaway can be used for removing renders and coatings from brickwork, concrete and steel.

The integrated dust shroud allows the connection of a dust collector for protection of operators and the surrounding environment.



Dust control options available

See page 72 for our full range of vacuums

### FEATURES & BENEFITS

- 150mm diameter head
- Range of cutters to suit a wide number of applications
- Electric and pneumatic motor options

### APPLICATIONS

- Removal of renders and coatings from brickwork and masonry
- Scabbling of concrete
- Scaling steel surfaces
- Renovation work
- Roughening surfaces
- Work in conjunction with TFP floor scarifiers for hard to access areas



COATING & CORROSION REMOVAL



ROUGHING CONCRETE



USE WITH A DUST COLLECTOR

## WHIRL AWAY ROTARY RENOVATION TOOL

### KEY CONSUMABLES & ACCESSORIES










Image	Part Number	Description
	475.3154	M14 scaler head
	437.3165	Vacuum shroud 
	475.3147	M14 scaler head with vacuum shroud Choose from the following collar sizes to suit required power source: 41 / 46 / 61 / 74 mm 
	320.3110	Star cutter 49 per set For removing thin coatings and scaling steel, leaves a textured profile on the surface
	320.3112	Tungsten tip cutter 21 per set For removal of render and plaster; leaves a rough profile on the surface
	320.3114	Solid tungsten carbide cutter 28 per set For shaving off coatings; leaves a smooth profile on the surface


















Image	Part Number	Description
	812.1080	Spacer washer 49 per set with star cutters
	812.0476	Spacer washer 28 per set with tungsten carbide tip cutters 35 per set with solid tungsten carbide cutters
	675.3167	Spacing Collar 7 per set with tungsten tip cutters 7 per set with solid tungsten carbide cutters

### TECHNICAL DATA

Model	Part No.	Weight (kg)	Working Width (mm)	Voltage (V)	Power (W)	Air consumption (cfm)	Speed (rpm)
Whirl Away 110v	175.3149	5.65	150mm	110	1400	-	3000
Whirl Away 230v	175.3150	5.65	150mm	230	1400	-	3000
Whirl Away Air	175.3147	4.95	150mm	-	-	8	2400

## 200MM FLOOR SCARIFIER - CONSUMABLES & ACCESSORIES














**TFP200**

Image	Part Number	Description	Further Information
	320.002H	<b>Heavy Duty Drum</b> Complete with 12mm shafts	Fitted as standard on all TFP200 machines
	320.002G	<b>Heavy Duty Grooving Drum</b> Complete with 12mm shafts	Ideal for creating a grooved profile in concrete
	320.0020	<b>Cutter Shafts</b> 12mm Diameter	4 Pieces Required Per Drum
	320.5500	<b>Tungsten Carbide Tipped Cutters</b> 5 tips	80 Pieces Required Per Drum
	320.7006	<b>Tungsten Carbide Tipped Cutters</b> 6 tips	80 Required per Drum
	320.3658	<b>Star Cutters</b>	208 Pieces Required Per Drum
	320.5120	<b>Beam Cutters</b>	264 Pieces Required Per Drum
	320.5650	<b>Millings Cutters</b>	Half The Size of a Standard Milling Cutter
	320.5600	<b>Millings Cutters</b>	28 Pieces Required Per Drum
	320.4140	<b>Spacers</b> 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	<b>Drum Assembly</b> TCT Cutters	Consists of Drum, 4 12mm Shafts, 80 TCT Cutters & 88 Spacers
	320.1020G	<b>Drum Assembly</b> TCT Grooving	Consists of Drum, 4 12mm Shafts, 24 TCT Cutters & 232 Spacers
	320.1020SS	<b>Drum Assembly</b> Star Cutters	Consists of Drum, 4 12mm Shafts & 208 Star Cutters
	320.1020SB	<b>Drum Assembly</b> Beam Cutters	Consists of Drum, 4 12mm Shafts & 226 Beam Cutters
	320.1020SM	<b>Drum Assembly</b> Milling Cutters	Consists of Drum, 4 12mm Shafts & 28 Milling Cutters
	320.9620	<b>Drum Assembly</b> Twisted Knot Wire Brush	Consists of Drum & Twisted Wire Brush
	320.9610	<b>Drum Assembly</b> Crimped Wire Brush	Consists of Drum & Crimped Wire Brush






## 250MM FLOOR SCARIFIER - CONSUMABLES & ACCESSORIES

**TFP260**




Image	Part Number	Description	Further Information
	326.06DW	<b>Heavy Duty Double Web Drum</b> Complete with 16mm shafts	Fitted as standard on all TFP260 Machines
	326.060G	<b>Heavy Duty Grooving Drum</b> Complete with 16mm shafts	Ideal for creating a grooved profile in concrete
	326.0016	<b>Cutter Shafts</b> 16mm Diameter	6 Pieces Required Per Drum
	320.7009	<b>Tungsten Carbide Tipped Cutters</b> 8 tips	123 Pieces Required Per Drum
	326.3658	<b>Star Cutters</b>	342 Pieces Required Per Drum
	326.5120	<b>Beam Cutters</b>	332 Pieces Required Per Drum
	320.5680	<b>Millings Cutters</b>	60 Pieces Required Per Drum
	320.4160	<b>Spacers</b> Used to create a gap in between cutters	129 Pieces Required Per Drum - TCT 224 Pieces Required Per Drum - Grooving
	326.1016ST	<b>Drum Assembly</b> TCT Cutters	Consists of Drum, 6 16mm Shafts, 123 TCT Cutters & 129 Spacers
	326.1016GT	<b>Drum Assembly</b> TCT Grooving	Consists of Drum, 6 16mm Shafts, 36 TCT Cutters & 224 Spacers
	326.1016DS	<b>Drum Assembly</b> Star Cutters	Consists of Drum, 6 16mm Shafts & 342 Star Cutters
	326.1016DB	<b>Drum Assembly</b> Beam Cutters	Consists of Drum, 6 16mm Shafts & 332 Beam Cutters
	326.1016DM	<b>Drum Assembly</b> Milling Cutters	Consists of Drum, 6 16mm Shafts, & 60 Milling Cutters

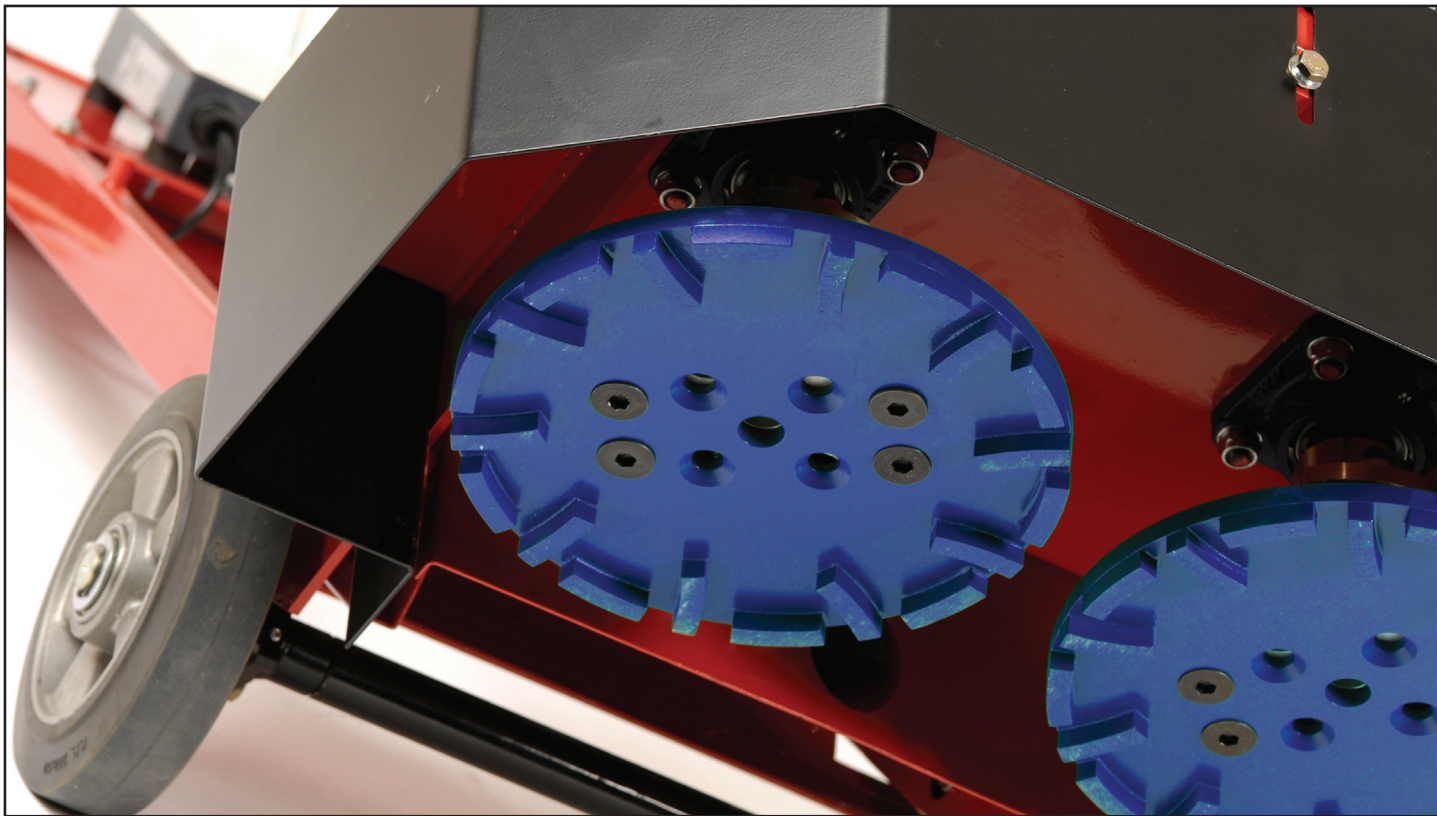
## 320MM FLOOR SCARIFIER - CONSUMABLES & ACCESSORIES

**TFP320**

Image	Part Number	Description	Further Information
	332.000H	<b>Heavy Duty Double Web Drum</b> Complete with 20mm shafts	Supplied as Standard on all TFP320 machines
	332.000G	<b>Heavy Duty Grooving Drum</b> Complete with 20mm shafts	Ideal for creating a grooved profile in concrete
	332.0020	<b>Cutter Shafts</b> 20mm Diameter	6 Pieces Required per Drum
	320.7008	<b>Tungsten Carbide Tipped Cutters</b> 8 tips	84 Pieces Required per Drum
	320.5190	<b>Beam Cutters</b>	246 Pieces Required Per Drum
	320.5690	<b>Millings Cutters</b>	28 Pieces Required Per Drum
	320.4141	<b>Spacers</b> Used to create a gap in between cutters	258 Pieces Required Per Drum - TCT 246 Pieces Required per Drum - Beam 336 Pieces Required Per Drum - Grooving 292 Pieces Required Per Drum - Milling
	332.1010ST	<b>Drum Assembly</b> TCT Cutters	Consists of Drum, 6 20mm Shafts, 84 TCT Cutters & 258 Spacers
	332.1010GT	<b>Drum Assembly</b> TCT Grooving	Consists of Drum, 6 20mm Shafts, 42 TCT Cutters & 336 Spacers
	332.1010SB	<b>Drum Assembly</b> Beam Cutters	Consists of Drum, 6 20mm Shafts, 246 Beam Cutters & 246 Spacers
	332.1010SM	<b>Drum Assembly</b> Milling Cutters	Consists of Drum, 6 20mm Shafts, 28 Milling Cutters & 292 Spacers

## ELECTRICAL ACCESSORIES

Image	Part Number	Description
	669.3125	<b>110v Power Cable</b> 15 metres
	669.3150	<b>230v Power Cable</b> 30 metres
	669.3175	<b>400v Power Cable</b> 30 metres



# GRINDING & POLISHING





## GRINDING & POLISHING - AN INTRODUCTION

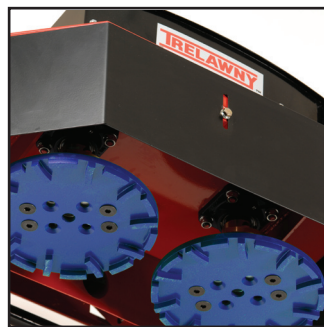
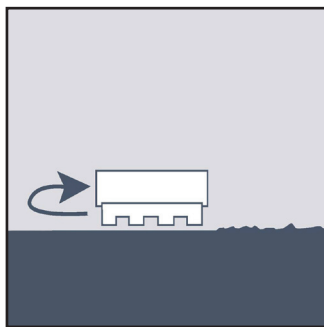
**TCG / TPG**

### 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, as can scarifiers.

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

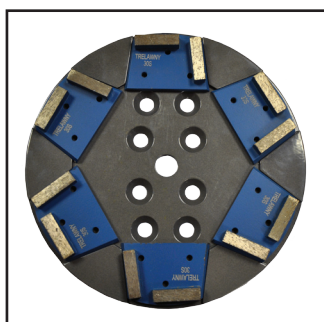


### ATTACHMENT OPTIONS

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 48 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.

TPG planetary grinders should be used in straight lines, the unique planetary action helps to create a flat, even finish without scratch's.

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.



## FLOOR GRINDER ACCESSORIES APPLICATION GUIDE

**TCG / TPG**

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.

								
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	<p>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</p> <p>Coarse diamond suitable for grinding off coatings. Will also produce coarser profile for application of thicker coatings</p> <p>Best for most normal grinding applications for levelling &amp; preparation for new coatings. Normally first step in polishing process if no heavy remedial work is required</p> <p>Soft Bond – for hard concrete Medium Bond – For medium hard concrete Hard bond – for soft/green/rain damaged concrete</p> <p>Leaves a smooth fine surface suitable as a finished floor or before application of thin coatings. Removes scratches as second stage of polishing process</p> <p>Removes scratches from 60 grit diamonds and leaves a very fine finish, used before resin bond polishing pads</p> <p>Used to produce final polished floor, available in range of grits as part of multi step polishing process.</p>							

## HAND HELD GRINDER

**TCG125/180**

**TCG HAND CONCRETE GRINDERS WITH INTEGRATED DUST SHROUD ARE PERFECT FOR A WIDE VARIETY OF GRINDING AND LEVELLING APPLICATIONS.**

Available in 125mm and 180mm disc diameter, the high power 110V & 230V grinders are perfect for the preparation of edges and small areas where larger machines cannot reach.

Dust free working is a key factor for the serious contractor in today's competitive environment.

Utilizing the Trelawny range of powerful A Series dust collectors & with the well designed integral dust shroud, the TCG Diamond Grinder range is creating demand on construction sites wherever it appears.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- Range of diamond cup discs
- 125mm and 180mm models
- Powerful 110 & 230V motors
- Integrated dust shroud for dust free operation

## APPLICATIONS

- Levelling
- Preparing edges
- Smoothing concrete
- Removing coatings & adhesives



LEVELLING CONCRETE



GRINDING CONCRETE



DIAMOND DISC



## HAND HELD GRINDER

**TCG125/180**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Width (mm)	Description
	540.1020	125mm	Double row cup disc Bore: 22.2 mm
	540.1040	180mm	Double row cup disc Bore: 22.2 mm
	540.1010	125mm	Turbo cup disc Bore: 22.2 mm
	540.1030	180mm	Turbo cup disc Bore: 22.2 mm
	540.1000	125mm	PCD cup disc Bore: 22.2 mm
	540.1005	180mm	PCD cup disc Bore: 22.2 mm

## TECHNICAL DATA

Model	Part No.	Grinding disc diameter (mm)	Spindle thread	Voltage (V - Hz)	Power (W)	Disc speed (rpm)	Weight (kg)
TCG125 - 110V	540.2010	125	M14	110 - 50	1050	8000	3.1
TCG125 - 230V	540.2020	125	M14	230 - 50	1400	10500	3.1
TCG180 - 110V	540.2030	180	M14	110 - 50	2000	6500	6
TCG180 - 230V	540.2040	180	M14	230 - 50	2600	6500	6

## 250MM SINGLE HEAD GRINDER

**TCG250**


**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.

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.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 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

## 250MM SINGLE HEAD GRINDER

**TCG250**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	See Page 52	<b>Diamond Discs</b> Please see page 52 for full options
	350.5660	<b>6 Segment Quick Release Plate</b> For use with Trelawny QR Diamond tooling
	345.2012	<b>Additional Weight</b> Adds 12kg to machine weight
	669.3125	<b>110v Power Cable</b> 15 metres
	669.3150	<b>230v Power Cable</b> 30 metres
	669.3175	<b>400v Power Cable</b> 30 metres

### TECHNICAL DATA

Model	Part No.	Fitted With	Disc Speed (rpm)	Output Power (Hp - kW)	Voltage (v)	Phase	Cycle (Hz)	Plug Size (Amp)	Cable Size (mm)	Cable Length (m)	Engine Type
TCG250 Petrol	345.2000D	Black Diamond Disc	1070	5.5 - 4.1	-	-	-	-	-	-	Honda GXV160
TCG250 Petrol	345.2000QR	Quick Release Plate	1070	5.5 - 4.1	-	-	-	-	-	-	Honda GXV160
TCG250 110V	345.2002D	Black Diamond Disc	953	2.5 - 1.8	110	1	50	32	2.5 to 4	15 - 30	-
TCG250 110V	345.2002QR	Quick Release Plate	953	2.5 - 1.8	110	1	50	32	2.5 to 4	15 - 30	-
TCG250 230V	345.2004D	Black Diamond Disc	1385	3 - 2.2	230	1	50/60	16	min 2.5	30	-
TCG250 230V	345.2004QR	Quick Release Plate	1385	3 - 2.2	230	1	50/60	16	min 2.5	30	-
TCG250 400V	345.2006D	Black Diamond Disc	1675	7 - 5.5	400	3	50/60	16	min 2.5	30	-
TCG250 400V	345.2006QR	Quick Release Plate	1675	7 - 5.5	400	3	50/60	16	min 2.5	30	-

### DIMENSIONS

Grinding Width (mm)	Disc Size (mm)	Length (mm)	Width (mm)	Height (mm)	Vacuum Take Off Dia. (mm)	Weight (kg)
250	250	1100	450	980	50	90

- **Note:** Trelawny recommends the use of a minimum 5 Kva continuous rated centre tap transformer with their 110V machines.

- **Note:** Please see page 52 for the full range of Diamond grinding tools available for the TCG250

## 500MM TWIN HEAD FLOOR GRINDER

**TCG500**


**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.



Dust control options available

See page 72 for our full range of vacuums

### FEATURES & BENEFITS

- 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

### 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



**POLISHING CONCRETE FLOORS**



**REMOVING HIGH SPOTS**



**CLEANING PAVING**



## 500MM TWIN HEAD FLOOR GRINDER

**TCG500**

### KEY CONSUMABLES & ACCESSORIES

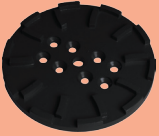

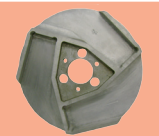


Image	Part Number	Description
	See Page 52	<b>Diamond Disc</b> Please see page 52 for full options
	350.5660	<b>6 Segment Quick Release Plate</b> For use with Trelawny QR Diamond tooling
	350.00CDL 350.00CDR	<b>Left Hand Grinding Block Mounting Plate</b> <b>Right Hand Grinding Block Mounting Plate</b>
	350.5505 350.5507 350.5509	<b>Fine Abrasive Block</b> <b>Medium Abrasive Block</b> <b>Coarse Abrasive Block</b>
	350.5519	<b>Wire Brush</b> 3 Required Per Plate

Image	Part Number	Description
	350.5525	<b>Scarifying Block</b> 3 Required Per Plate
	350.5575	<b>Diamond Grinding Block</b> 3 Required Per Plate
	350.5502	<b>Hardwood Wedge</b> 3 Required Per Plate
	350.9135	<b>Additional Weights</b> 2 required Per Machine Adds 35kg to machine weight
	669.3125 669.3150 669.3175	<b>110v Power Cable - 15 metres</b> <b>230v Power Cable - 30 metres</b> <b>400v Power Cable - 30 metres</b>

### TECHNICAL DATA

Model	Part No.	Fitted With	Disc Speed (rpm)	Output Power (Hp - kW)	Voltage (v)	Phase	Cycle (Hz)	Plug Size (Amp)	Cable Size (mm)	Cable Length (m)	Engine Type	Weight (kg)
TCG500 Petrol	350.2000AD	Black Diamond Discs	360	5.5 - 4.1	-	-	-	-	-	-	Honda GXV160	150
TCG500 Petrol	350.2000QRA	Quick Release Plate	360	5.5 - 4.1	-	-	-	-	-	-	Honda GXV160	150
TCG500 Petrol	350.2000BD	Black Diamond Discs	360	11 - 8.2	-	-	-	-	-	-	Honda GXV340	179
TCG500 Petrol	350.2000QRB	Quick Release Plate	360	11 - 8.2	-	-	-	-	-	-	Honda GXV340	179
TCG500 110V	350.2002D	Black Diamond Discs	360	3 - 2.2	110	1	50	32	2.5 to 4	15 - 30	-	114
TCG500 110V	350.2002QR	Quick Release Plate	360	3 - 2.2	110	1	50	32	2.5 to 4	15 - 30	-	114
TCG500 230V	350.2004D	Black Diamond Discs	360	3 - 2.2	230	1	50/60	16	min 2.5	30	-	114
TCG500 230V	350.2004QR	Quick Release Plate	360	3 - 2.2	230	1	50/60	16	min 2.5	30	-	114
TCG500 400V	350.2006D	Black Diamond Discs	360	7.4 - 5.5	400	3	50/60	16	min 2.5	30	-	121
TCG500 400V	350.2006QR	Quick Release Plate	360	7.4 - 5.5	400	3	50/60	16	min 2.5	30	-	121

### 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 52 for the full range of Diamond grinding tools available for the TCG500

## 540MM PLANETARY GRINDER

**TPG540**


**THE TPG540 SETS A BENCHMARK IN THE MEDIUM SIZE PLANETARY GRINDER SEGMENT.**

With the highest grinding pressure in its class, the TPG540 is a highly productive, yet still portable and manoeuvrable machine.

The unique transmission design allows the grinding heads to spin in different directions giving perfect balance while the heavy duty belt design delivers maximum power and torque to the floor.

The flexible range of Trelawny QR diamond tooling make the TPG540 perfect for both heavy-duty concrete grinding, coating removal through to fine finishing and polishing.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 540mm grinding diameter from 3 planetary grinding heads
- Balanced transmission design for easy operation
- Dust port for connection to an industrial dust collector for virtually dust free operation
- Single and variable speed options for grinding and polishing
- Flexible disc suspension system for comfortable grinding and a superior finish

## 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



USE WITH A45 DUST COLLECTOR



CONCRETE LEVELLING





CONCRETE GRINDING

## 540MM PLANETARY GRINDER

**TPG540**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	350.5725	<b>3 Segment Quick Release Diamond Plate</b> For use with The Trelawny TPG Floor Grinders - set of 3
	669.3175	<b>400v Power Cable</b> 30 metres

### TECHNICAL DATA

Model	Part No.	Fitted With	Disc Speed (rpm)	Output Power (Hp - kW)	Voltage (v)	Phase	Cycle (Hz)	Plug Size (Amp)	Cable Size (mm)	Cable Length (m)	Weight (kg)
TPG540 400v	354.2006D	Quick Release Plate	1100	5.5 - 4.1	400	3	50	16	min 2.5	30	175

### DIMENSIONS

Grinding Width (mm)	Disc Size (mm)	Length (mm)	Width (mm)	Height (mm)	Vacuum Take Off Dia. (mm)
540	220 x 3	1220	580	1150	50

- **Note:** Please see page 52 for the full range of Diamond grinding tools available for the TPG540

## 650MM PLANETARY GRINDER

**TPG650**


**FEATURING THE SAME ADVANCED TRANSMISSION DESIGN AS THE TPG540, THE TPG650 IS THE PROFESSIONAL GRINDER OF CHOICE FOR LARGER AREAS.**

With the addition of a standard speed control and wet grinding system the TPG650 offers the perfect balance of performance, manoeuvrability and application.

The flexible range of Trelawny QR diamond tooling make the TPG650 perfect for both heavy duty concrete grinding, coating removal through to fine finishing and polishing.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- 650mm grinding diameter from 3 planetary grinding heads
- Balanced transmission design for easy operation
- Twin dust ports for connection to an industrial dust collector for virtually dust free operation
- Variable speed for effective grinding and polishing
- Flexible disc suspension system for comfortable grinding and a superior finish applications

## APPLICATIONS

- Suitable for larger 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



CONCRETE GRINDING



POLISHED SURFACE






USE WITH A70 DUST COLLECTOR



## 650MM PLANETARY GRINDER

**TPG650**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	350.5725	<b>3 Segment Quick Release Diamond Plate</b> For use with The Trelawny TPG Floor Grinders - set of 3
	669.3175	<b>400v Power Cable</b> 30 metres
	365.5745	<b>3 Segment Resin Bond Plate</b> For use with The Trelawny TPG Floor Grinders - set of 3

### TECHNICAL DATA

Model	Part No.	Fitted With	Disc Speed (rpm)	Output Power (Hp - kW)	Voltage (v)	Phase	Cycle (Hz)	Plug Size (Amp)	Cable Size (mm)	Cable Length (m)	Weight (kg)
TPG650	365.2006D	Quick Release Plate	300 - 1400	7.5 - 5.5	400	3	50	16	min 2.5	30	260

### DIMENSIONS

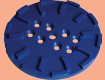

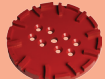
Grinding Width (mm)	Disc Size (mm)	Length (mm)	Width (mm)	Height (mm)	Vacuum Take Off Dia. (mm)	Water Tank Cap. (Litres)
650	3 x 220	1220	700	1080	50	40

- **Note:** Please see page 52 for the full range of Diamond grinding tools available for the TPG650

## DIAMOND TOOLS & ACCESSORIES

## TCG/TPG







### 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	<b>PCD Removal Diamond Anti Clockwise</b> For removal of coatings, adhesives & toppings
	365.5495R	<b>PCD Removal Diamond Clockwise</b> For removal of coatings, adhesives & toppings
	365.5500	<b>16 Grit Single (Quick Release) Soft Bond</b> For very course grinding and thin coatings removal
	365.5500/2	<b>16 Grit Double (Quick Release) Soft Bond</b> For very course grinding and thin coatings removal

### GENERAL GRINDING & LEVELLING

Image	Part Number	Description
	365.5501	<b>30 Grit Single (Quick Release) Soft Bond</b> For Hard Concrete
	365.5502	<b>30 Grit Single (Quick Release) Medium Bond</b> For Medium Hardness Concrete
	365.5503	<b>30 Grit Single (Quick Release) Hard Bond</b> For Soft Concrete or very rough concrete
	365.5501/2	<b>30 Grit Double (Quick Release) Soft Bond</b> For Hard Concrete
	365.5502/2	<b>30 Grit Double (Quick Release) Medium Bond</b> For Medium Hardness Concrete
	365.5503/2	<b>30 Grit Double (Quick Release) Hard Bond</b> For Soft Concrete or very rough concrete




### FINE GRINDING

Image	Part Number	Description
	365.5504/2	<b>60 Grit Double (Quick Release) Medium Bond</b> For Light Grinding/Scratch Removal
	365.5506/2	<b>120 Grit Double (Quick Release) Medium Bond</b> 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 Resin Bond
	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
	365.5725	<b>3 Segment Quick Release Diamond Plate (Set of 3)</b> For use with The Trelawny TPG Floor Grinders
	350.5660	<b>6 Segment Quick Release Diamond Plate</b> For use with The Trelawny TCG Floor Grinders
	350.5666	<b>Polishing Plates</b> Used to attached the "Polishing tools" to the Quick Release Plate





# SURFACE STRIPPING





**230MM FLOOR STRIPPER****TFS230****THE MOST ROBUST FLOOR STRIPPER  
IN IT'S CLASS.**

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

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

**FEATURES & BENEFITS**

- 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 floor coverings
- Removal of linoleum, carpet vinyl and other floor coverings

**LINOLEUM TILES REMOVAL****REMOVING TILES****CARPET REMOVAL**

## 230MM FLOOR STRIPPER

**TFS230**

### 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
	669.3125	110v Power Cable 15 metres
	669.3150	230v Power Cable 30 metres

### TECHNICAL DATA

Model	Part No.	Width (mm)	Working width (mm)	Length (mm)	Height (mm)	Weight (kg)	Power (W)	Voltage (A)	Motor RPM (rpm)
TFS230 110V	323.2002	335	230	875	705	54	1500	16	1400
TFS 230 230V	323.2004	335	230	875	705	54	1500	13	1400

## PNEUMATIC LONG REACH STRIPPER

**LR**


### ONE TOOL, MULTIPLE APPLICATIONS

The Trelawny Long reach scraper 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.



Non spark options available

### FEATURES & BENEFITS

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

### APPLICATIONS

- Tiles removal
- Removal of ice, residues and other adhesives
- Removal of carpet, lino
- Chemical spillage removal
- Bituminous products removal



CERAMIC TILE REMOVAL



PLASTER REMOVAL



SHIP DECK RUST REMOVAL



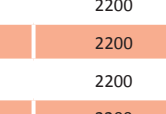


## PNEUMATIC LONG REACH STRIPPER

**LR**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	705.1100	<b>229mm long chisel with 50mm wide blade</b> Spark resistant aluminium bronze for use in hazardous areas
	705.1101	<b>229mm long chisel with 25mm wide blade</b> Flat chisel for sand cast chipping
	705.1102	<b>203mm long chisel with 100mm wide blade</b> General chipping applications, asphalt cutter, paint removal
	705.1106	<b>229mm long chisel with 50mm wide blade</b> Removal of linoleum from floor base
	705.1112	<b>203mm long chisel with 100mm wide blade</b> Spark resistant aluminium bronze for use in hazardous areas
	706.2102	<b>203mm long chisel with 100mm wide blade</b> Floor tile removal
	708.1100	<b>203mm long chisel with comb insert</b> For use with comb insert
	708.1101	<b>25mm long chisel with 38mm comb insert</b> Brick cleaning and reclamation

Image	Part Number	Description
	431.3504	<b>102mm wide flat edge scraper blade assembly</b>
	436.3504	<b>102mm wide flat edge scraper blade pack of 5</b> Removal of adhesives and paint
	431.3508	<b>203mm wide flat edge scraper blade assembly</b>
	439.3508	<b>203mm wide flat edge scraper blade pack of 5</b> Removal of paint and coating spillage
	431.3512	<b>305mm wide flat edge scraper blade assembly</b>
	439.3512	<b>305mm wide flat edge scraper blade pack of 4</b> Removal of carpet and tiles
	431.3904	<b>102mm wide bevelled scraper blade assembly</b>
	439.3524	<b>102mm wide bevelled scraper blade pack of 5</b> Removal of stubborn adhesive
	431.3908	<b>203mm wide bevelled scraper blade assembly</b>
	439.3528	<b>203mm wide bevelled scraper blade pack of 5</b> Removal of carpet and tiles
	431.3912	<b>305mm wide bevelled scraper blade assembly</b>
	439.3522	<b>305mm wide bevelled scraper blade pack of 4</b> Removal of stubborn adhesive
	641.3512	<b>Blade holder</b>
	806.0816	<b>Button head screw</b>
	824.0800	<b>Nylon insert nut</b>
	458.1530	<b>¼ BSP Inline Lubricator Assembly</b> Consists of whip hose, whip check and ¼ lubricator

### 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 (Aeq m/s <sup>2</sup> )
2ft Chisel	136.3200	Standard	4.6	740	2200	2.1 - 4.5	84	15.3
4ft Chisel	136.3400	Standard	6.2	1100	2200	2.1 - 4.5	84	12.2
5ft Chisel	136.3500	Standard	5.9	1400	2200	2.1 - 4.5	86	12.3
6ft Chisel	136.3600	Standard	6.1	1710	2200	2.1 - 4.5	116	12.5
4ft LITE Chisel	136.3498	LITE	3.0	1100	2200	2.1 - 4.5	89	25.1
5ft LITE Chisel	136.3598	LITE	3.4	1400	2200	2.1 - 4.5	89	19.3
6ft LITE Chisel	136.3698	LITE	3.8	1710	2200	2.1 - 4.5	116	18.8

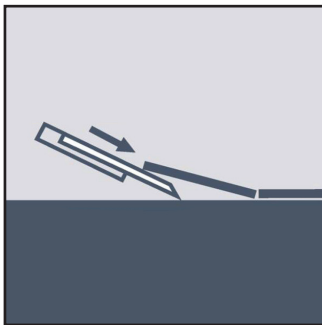
## SURFACE STRIPPING - FURTHER INFORMATION

### HOW THEY WORK

The Trelawny surface strippers use a 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:

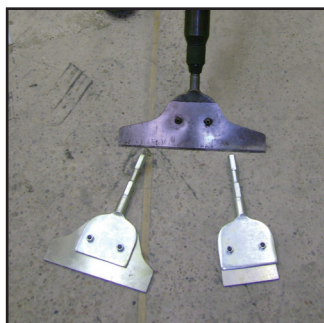
Spark resistant aluminium bronze chisels for use in hazardous areas.

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 of 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 there full extension potentially stalling the tool and reducing performance.







## DUST CONTROL FEATURING **TVS<sup>®</sup>** TOOL & VACUUM SYSTEM





## TVS® - TOOL & VACUUM SYSTEM

**TVS®**

**SH3**

**MHS11**

**VL 203**

**TRELAWNY TOOL & VACUUM SYSTEM (TVS®) FORMS A HIGH PERFORMANCE, SAFETY FOCUSED SYSTEM FOR REMOVING HAZARDOUS COATINGS.**

The TVS® range includes shrouded versions of all of our key surface preparation tools:

- Needle Scalers
- Scaling Hammers
- Hand Scabblers
- Peening Preparation Tool
- Floor Scabblers
- Deck Scalers

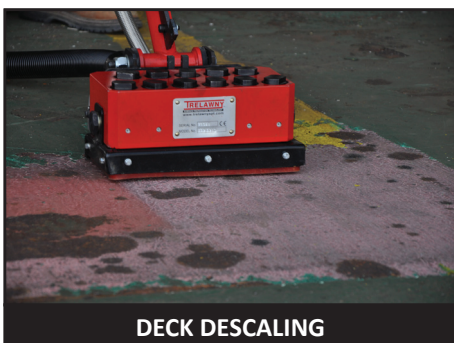
TVS® shroud kits are also retrofittable to any of our tools. Please refer to individual product pages for part numbers.

## FEATURES

- Available for standard and Vibro-Lo™ ranges
- Compatible with Series K dust collector

## APPLICATIONS

- Lead based paint
- Radioactive contaminants
- Hazardous materials
- Nuisance dust


**DECK DESCALING**

**USE WITH SERIES K VACUUMS**

**REACH HARD TO ACCESS AREAS**

**TVS® - TOOL & VACUUM SYSTEM**
**TVS®**
**TECHNICAL DATA**

Model	Part Number	Vacuum take off diameter (mm)	Brochure page for further info
Single Scabbler SH1 fitted with shroud	139.5192	38	6
Triple Scabbler Cruciform Head Fitted with Shroud (Short Handle)	139.5390	38	8
Triple Scabbler Cruciform Head Fitted with Shroud	139.5392	38	8
Floor Scabbler MHS11 One Piece Bush	159.6051	38	20
Floor Scabbler MHS11 Two Piece Bush	159.6201	38	20
Floor Scabbler MHS11 Two Piece Cruciform	159.6211	38	20
Whirl Away 110v	175.3149	38	34
Whirl Away 230v	175.3150	38	34
Whirl Away Air	175.3147	38	34
VL223 Needle Scaler fitted with shroud	139.2103	38	74
VL203 TVS Needle Scaler Kit	139.2003	38	74
VL303 TVS Needle Scaler Kit	139.3003	38	74
1B In-Line TVS Needle Scaler	139.1007	38	76
2B In-Line TVS Needle Scaler	139.2007	38	76
2BPG TVS Needle Scaler	139.2107	38	76
3BPG TVS Needle Scaler	139.3107	38	76
VL219E Kit 110v 50hz	196.6102	38	78
VL219E Kit 115v 60hz	196.6116	38	78
VL219E Kit 230v 50hz	196.6104	38	78
4 Ft Long Reach TVS Needle Scaler	137.7400	38	82
Peening Preparation Tool 2" Air C Flaps	194.0205	38	84
Peening Preparation Tool 2" PPT Star	194.C205	38	84
Peening Preparation Tool 2" 110v C Flaps	195.1215	38	84
Peening Preparation Tool 2" 110v Star	195.C216	38	84
Peening Preparation Tool 2" 230v C Flaps	195.1220	38	84
Peening Preparation Tool 2" 230v Star	195.C221	38	84
Peening Preparation Tool 4" Air C Flaps	194.0405	38	84
Peening Preparation Tool 4" Air Star	194.C405	38	84
Peening Preparation Tool 4" 110v C Flap	195.1415	38	84
Peening Preparation Tool 4" 110v Star	195.C416	38	84
Peening Preparation Tool 4" 230v C Flap	195.1420	38	84
Peening Preparation Tool 4" 230v Star	195.C421	38	84
Deck Hammer SF11 c/w Dust Shroud	159.5912	38	88



As part of TVS®, Trelawny supply the KV30H fully type H certified dust collector (see pages 69 - 71 for more details).

## INDUSTRIAL VACUUM CLEANER

**A22**


THE A22 SINGLE PHASE DUST COLLECTOR IS THE PERFECT PARTNER FOR OUR SMALLER RANGE OF SINGLE PHASE GRINDERS AND SCARIFIERS.

Available with the Longopac<sup>TM</sup> system for dust collection into disposable plastic bags or a portable bin the A22 is the ultimate compact unit for surface preparation machines and general cleaning applications.

### FEATURES & BENEFITS

- 100% steel construction for long service life
- Two motors
- Class M primary filter with optional HEPA filter
- Complete with 40mm tool kit
- Filter shaker mechanism for ensuring optimum performance and long service
- Low noise level
- Longopac or bin type options available

### 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



USE WITH TCG250 FLOOR GRINDER



LONGOPAC OPTION



## INDUSTRIAL VACUUM CLEANER

**A22**

### KEY CONSUMABLES & ACCSSORIES

Image	Part Number	Description
	303.AR4684	<b>Polyester bag</b> 3 pack - included as standard with 303.4105 & 303.4100
	303.AA2642	<b>D.40 chromed bend</b> Included in the accessory kit
	303.SV2511210 + 303.AA1362 + 303.AA1027	<b>D.38 black flexible hose (2.5mt) + 50/40 flex connection (left thred) + D.40 PVC connection</b> Included as standard
	303.AA2644	<b>D.40mm 400 dust brush</b> Included in the accessory kit
	303.AA2647	<b>D.40 PVC Brush</b> Included in the accessory kit
	303.AA2665	<b>D.40 rubber cone section with connection</b> Included in the accessory kit
	303.AA2851	<b>Longopac bags</b> Pack of 4 x 20m tubes - included as standard with 303.4103 & 303.4107

### TECHNICAL DATA

Model	Part Number	Single phase motors (N)	Output Power (Hp - kW)	Output flow (M³ per h / Lt per sec)	Vacuum Rate (mm. H <sub>2</sub> O)	Type of filter (material)	Filter surface (cm²)
A22 Longopac 110v	303.4103	2	3.1 - 2.3	360 - 100	2500	Cartridge	30,000
A22 Longopac 230v	303.4107	2	3.1 - 2.3	360 - 100	2500	Cartridge	30,000
A22 Bin Type 110v	303.4100	2	3.1 - 2.3	360 - 100	2500	Cartridge	30,000
A22 Bin Type 230v	303.4105	2	3.1 - 2.3	360 - 100	2500	Cartridge	30,000

Model	Part Number	Filter efficiency (CAT B/A per micron)	Airload on filter (M³/M²/h)	Capacity (litres)	Suction Inlet (Ø)	Noise Level (Db (A))	Dimensions (mm)	Height (mm)	Weight (kg)
A22 longopac 110v	303.4103	M / H	120	20	50	74	480 x 520	1000	31
A22 Longopac 230v	303.4107	M / H	120	20	50	74	480 x 520	1000	31
A22 Bin Type 110v	303.4100	M / H	120	N/A	50	74	480 x 520	1000	31
A22 Bin Type 230v	303.4105	M / H	120	N/A	50	74	480 x 520	1000	31

## INDUSTRIAL VACUUM CLEANER

**A45**


**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.

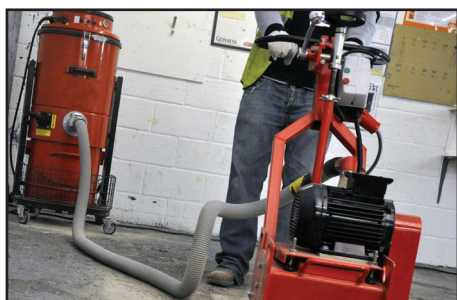
Complete with a detachable, portable bin for containment the A45 offers fantastic performance and capacity in a compact and portable unit, due to its multi-purpose design the A45 is also suitable for collecting liquid which adds further to its versatile repertoire.

### FEATURES & BENEFITS

- 60 Litre capacity for collection of dust and liquids
- Filter cleaning mechanism with vacuum gauge to ensure optimum performance
- Three single phase motors for performance and usability
- Class M primary filter with optional HEPA filter
- Detachable bin with option to use disposable bags
- Complete with 50mm tool kit

### APPLICATIONS

- Perfect partner for small and medium sized surface preparation equipment such as TFP200 & TFP260 scarifiers, TCG250, TCG500 and TPG540 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 SCABLERS



USE WITH TCG FLOOR GRINDERS

# INDUSTRIAL VACUUM CLEANER

**A45**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.AA2638	<b>80 to 50 mm steel hose connector</b> Included as standard
	303.AA1019	<b>Complete Hose + Cuffs</b> Included as standard
	303.AA2592	<b>Hand Brush - Dry surfaces</b> Included in the accessory kit
	303.AA1045/500	<b>Flat Nozzle</b> Included in the accessory kit
	303.AR3025	<b>Main polyester filter - 20.000 cm<sup>2</sup> - Class M</b> Included as standard
	303.AA1028	<b>Hose cuff (50 mm)</b>
	303.AA1012	<b>PVC Hose</b> Max. 20 mtr
	303.AA1037	<b>Connector piece</b>

Image	Part Number	Description
	303.AA1403	<b>Floor brush for wet use only</b>
	303.AA1420	<b>Floor brush for dry use only</b> Included in the accessory kit
	303.AA1252	<b>Optional Class H - HEPA cartridge filter</b>
	303.AA2659	<b>Double bend floor wand use with steel brush (AA1403) and brush steel (AA1420)</b> Included in the accessory kit
	303.AA2665	<b>Brush on wheels + floor attachment:</b> 80-60mm steel hose connection
	303.AA1145/500	<b>Optional cyclone for additional filter protection</b>
	303.4500	<b>38mm hose kit</b> (10 meters)

## TECHNICAL DATA

Model	Part Number	Single phase motors (N)	Output Power (Hp - kW)	Output flow (M <sup>3</sup> per h / Lt per sec)	Vacuum Rate (mm. H <sub>2</sub> O)	Type of filter (material)	Filter surface (cm <sup>2</sup> )	Isolation (CL)
A45 Bin Type 110v	303.4110	3	4.6 - 3.5	540 - 150	2500	Star / Polyester	20.000	1
A45 Bin Type 230v	303.4220	3	4.6 - 3.5	540 - 150	2500	Star / Polyester	20.000	1

Model	Part Number	Filter efficiency (CAT B/A per micron)	Airload on filter (M <sup>3</sup> /M <sup>2</sup> /h)	Capacity (litres)	Suction Inlet (Ø)	Noise Level (Db (A))	Dimensions (mm)	Height (mm)	Weight (kg)
A45 Bin Type 110v	303.4110	G/L (3 micron)	270	60	80	75	580 x 600	1500	65
A45 Bin Type 230v	303.4220	G/L (3 micron)	270	60	80	75	580 x 600	1500	65



## INDUSTRIAL VACUUM CLEANER

**A70**


**THE A70 IS THE CORRECT CHOICE WHEN YOU NEED A HIGH PERFORMANCE DUST COLLECTOR FOR LARGER 3 PHASE SURFACE PREPARATION EQUIPMENT.**

Perfect for heavy duty round the clock use the side channel blower type motor provides outstanding suction, low noise levels and virtually maintenance free operation.

The filter unit comprises of 3 cartridge type filters giving 80.000cm<sup>2</sup> of filter surface, an automated (reverse pulse type) filter cleaning system ensures the filters remain in optimum condition.

### FEATURES & BENEFITS

- 100 Litre capacity for collection of dust and liquids
- Automated filter cleaning mechanism with vacuum gauge to ensure optimum performance
- 3 phase side channel blower motor for maximum performance, quiet operation and low maintenance
- Class M primary filter with optional HEPA filter
- Detachable bin with option to use disposable bags

### 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 TFP320 FLOOR SCARIFIER



USE WITH TPG650 FLOOR GRINDER






USE WITH MHS5 FLOOR SCABBLER

# INDUSTRIAL VACUUM CLEANER

**A70**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.AA2638	80 to 50 mm steel hose connector Included as standard
	303.AA1019	Complete Hose + Cuffs Included as standard
	303.AA2592	Hand Brush - Dry surfaces Included in the accessory kit
	303.AA1045/500	Flat Nozzle Included in the accessory kit
	303.AA1028	Hose cuff (50 mm)
	303.AA1012	PVC Hose max. 20 mtr

Image	Part Number	Description
	303.AA1403	Floor brush for wet use only
	303.AA1420	Floor brush for dry use only Included in the accessory kit
	303.AA2659	Double bend floor wand use with steel brush (AA1403) and brush steel (AA1420) Included in the accessory kit

## TECHNICAL DATA

Model	Part Number	Output Power (Hp - kW)	Output flow (M³ per h / Lt per sec)	Vacuum Rate (mm. H <sub>2</sub> O)	Type of filter (material)	Filter surface (cm²)	Isolation (CL)
A70 Bin Type 400v	303.4700	7.5 - 5.5	550 - 153	3000	Antistatic Cartridges	80,000	F

Model	Part Number	Filter efficiency (CAT B/A per micron)	Airload on filter (M³/M²/h)	Capacity (litres)	Suction Inlet (Ø)	Noise Level (Db (A))	Dimensions (mm)	Height (mm)	Weight (kg)
A70 Bin Type 400v	303.4700	M/C	104	100	80	73	62 x 110	180	140

**SERIES K ELECTRIC VACUUM****KV30****TVS® K SERIES OF PORTABLE DUST COLLECTORS FOR LIGHT AND SPECIALIST INDUSTRIAL USE.**

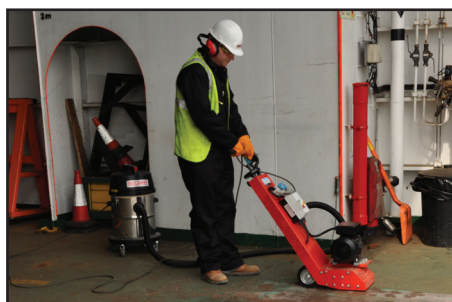
The KV30 is a powerful twin motor industrial vacuum built to withstand the toughest of environments and jobs while remaining portable, this makes it the ideal system combined with Trelawny's range of scaling tools where performance and portability are a given.

Consideration for the potentially hazardous material mean 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 are certified to have a filtration efficiency in excess of 99.995% at 0.6 microns.

**FEATURES & BENEFITS**

- 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

**TO FIT BUILT IN VACUUM PORTS****USE WITH TFP 200****USE WITH WHIRL AWAY****APPLICATIONS**

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



## SERIES K ELECTRIC VACUUM

**KV30**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.1060 303.1060/AS	HEPA filter (optional) Antistatic option
	303.1025 303.1025/AS	14" standard filter assembly Antistatic option
	303.1035	14" permaflow filter (optional)
	303.1055 303.1055/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 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
	303.1030	K6 paper filter - pack of 10 - For dry use applications

### TECHNICAL DATA

Model	Part Number	Capacity (litres)	Output flow (M³ per h / Lt per sec)	Voltage (V)	Rating (amp)	Maximum vacuum at 100 psi (mm H <sub>2</sub> O)	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 Disposable paper bags

#### Wet & Dry models complete with:

- 38mm Tool kit & Wet floor tool (Part No. 303.1095)
- Float Assembly (Part No. 303.1050)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Disposable paper bags

#### Dry Type H models complete with:

- 38mm Tool kit (Part No. 303.1085)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Disposable paper bags

## SERIES K PNEUMATIC VACUUM

**KAV30**


**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 & 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 & BENEFITS

- 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

## SERIES K PNEUMATIC VACUUM

**KAV30**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	303.1060 303.1060/AS	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 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
	303.1030	K6 paper filter - pack of 10 - For dry use applications

### TECHNICAL DATA

Model	Part Number	Capacity (litres)	Output flow (M³ per h / Lt per sec)	Air Consumption Lt per sec / cfm	Maximum vacuum at 100 psi (mm H <sub>2</sub> O)	Dimensions (mm)	Weight (Kg)
KAV30 Dry	303.KAV30/D	30	110 - 33	16 - 35	2500mm / water gauge	890 x 460 x 500	14.5
KAV30 Dry Type H	303.KAV30/DH	30	110 - 33	16 - 35	2500mm / water gauge	1110 x 460 x 500	20.8
KAV30 Wet	303.KAV30/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)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Disposable paper bags

#### Dry Type H models complete with:

- 38mm Tool kit (Part No. 303.1085)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Disposable paper bags

#### Wet & Dry models complete with:

- 38mm Tool kit (Part No. 303.1085)
- 14" Antistatic Float Assembly (Part No. 303.1050/AS)
- 14" Standard filter assembly (Part No. 303.1025)
- 5 x K4 Disposable paper bags

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



## VACUUM SELECTOR GUIDE

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

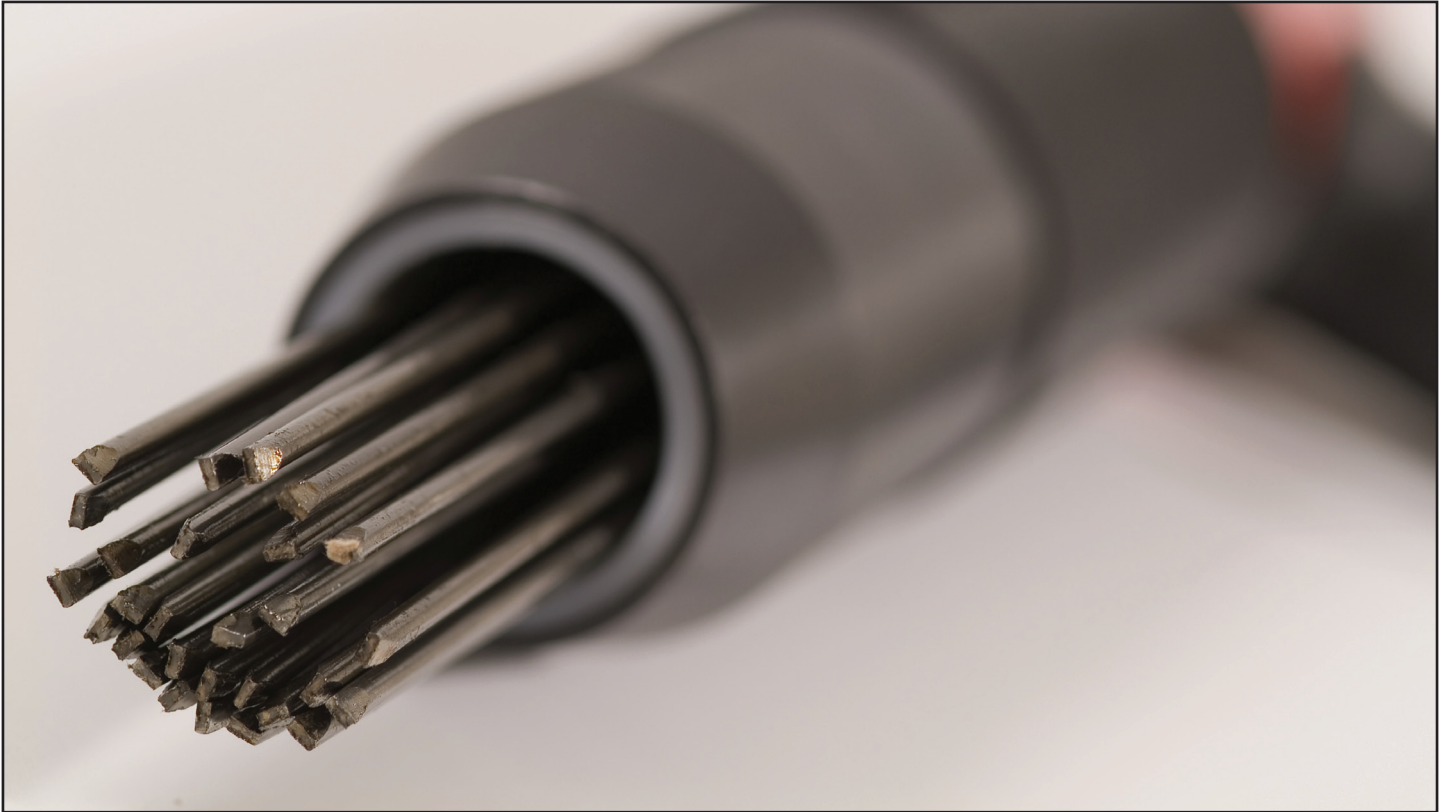


A45 Vacuum



A70 vacuum

	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	★★	★★	★★★	★★★	-



# DE SCALING

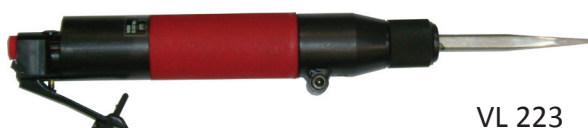




## LOW VIBRATION NEEDLE / CHISEL SCALERS

**VL**


VL 303



VL 223



VL 203

**OUTSTANDING PERFORMANCE AND SAFETY THROUGH EFFICIENCY WAS THE PRINCIPLE OBJECTIVE BEHIND THE DESIGN OF THE VL RANGE OF SCALING TOOLS.**

Trelawny's Vibro Lo<sup>TM</sup> range of vibration reduced needle and chisel scalers are virtually 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 standard needle scalers.



Low vibration



Dust control options available

See page 72 for our full range of vacuums



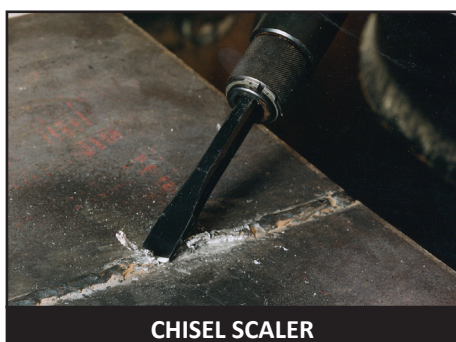
Non spark options available

## FEATURES

- Range of sizes for performance
- Pistol grip and in-line configurations
- 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
- 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 concrete for repair
- Cleaning mixers, formwork and machinery


**CHISEL SCALER**

**VL303 NEEDLE SCALER**









**RUST REMOVAL**



## LOW VIBRATION NEEDLE / CHISEL SCALERS

**VL**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	418.2003	Dust shroud to fit VL223 and VL203 Scalers
	418.3003	Dust shroud to fit VL303 Scalers
	815.5550	Whip Check
	421.3450	Whip Hose Consists of air hose ¼" BSP claw - 2m
	859.1530	BSP ¼ Inline Lubricator
	458.1530	¼ BSP Inline Lubricator Assembly Consists of whip hose, whip check and ¼ lubricator
	720.2003	Fall Arrester to fit VL203 and VL223 Scalers
	720.3003	Fall Arrester to fit VL303 Scalers
	446.2003	VL203/VL223 Needle Scaler Service Kit
	446.3003	VL303 Needle Scaler Service Kit
	446.2203	VL203/VL223 Chisel Scaler Service Kit
	446.3303	VL303 Chisel Scaler Service Kit

- Note: Please see page 80 for the full range of replacement needles

### TECHNICAL DATA

Model	Part Number	Type	Needle Quantity	Weight (kg)	Blows per minute (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	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	90.7	2.56
VL223 Chisel	196.2213	In-line	-	2.95	2400	1.89 - 4	¼	76.3	3.69
VL203 Needle	196.2003	Pistol Grip	19 x 3 mm	2.7	2400	1.89 - 4	¼	90.7	2.75
VL203 Chisel	196.2203	Pistol Grip	-	3.2	2400	1.89 - 4	¼	76.3	3.33
VL303 Needle	196.3003	Pistol Grip	28 x 3 mm	3.51	3000	2.6 - 5.5	¼	109.5	2.3
VL303 Chisel	196.3203	Pistol Grip	-	4.25	3000	2.6 - 5.5	¼	78.2	3.7

## NEEDLE / CHISEL SCALERS

**B / BPG**

**3BPG**

**2B**

**3B**

### THE ORIGINAL!

Trelawny's "B" and "BPG" ranges 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.



Dust control options available

See page 72 for our full range of vacuums



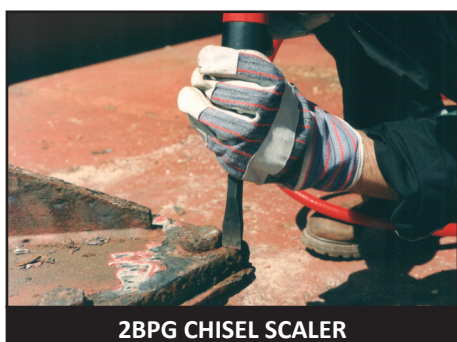
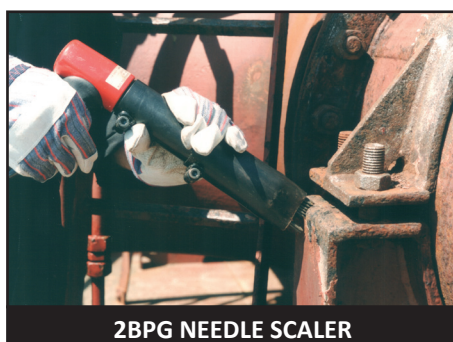
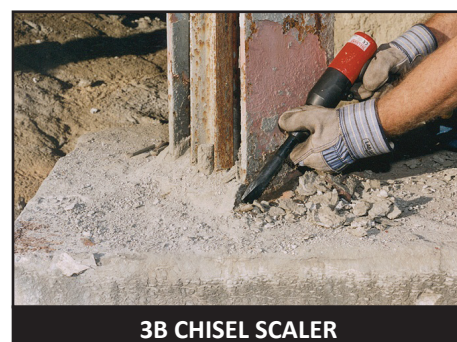
Non spark options available

## FEATURES & BENEFITS

- 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.
- Ergonomic design for operator comfort
- Simple maintenance with no special tools
- 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 concrete prior to repair
- Cleaning mixers, formwork and machinery


**2BPG CHISEL SCALER**

**2BPG NEEDLE SCALER**

**3B CHISEL SCALER**

# NEEDLE / CHISEL SCALERS

**B / BPG**

## KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	418.2200	Dust shroud to fit 2B and 2BPG Scalars
	418.3034	Dust shroud to fit 3BPG Scalars
	815.5550	Whip Check
	TBC	Whip Hose
	859.1530	¼ BSP Inline Lubricator
	458.1530	¼ BSP Inline Lubricator Assembly Consists of whip hose, whip check and ¼ lubricator
	720.2003	Fall Arrester to fit 3BPG Scalars

- Note: Please see page 80 for the full range of replacement needles

Image	Part Number	Description
	446.1010	1B Needle Scaler Service Kit
	446.1020	2B Needle Scaler Service Kit
	446.1025	2BPG Needle Scaler Service Kit
	446.1030	3B Needle Scaler Service Kit
	446.1035	3BPG Needle Scaler Service Kit
	446.1040	4B Needle Scaler Service Kit

## TECHNICAL DATA

Model	Part Number	Type	Needle Quantity	Weight (kg)	Blows per Minute (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	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	110.4	8.5
1B Chisel	114.1200	In-line	-	1.5	3800	1.42 - 3	¼	98.9	8.2
2B Needle	121.2000	In-line	19 x 3 mm	2.6	3000	2.6 - 5.5	¼	113.3	9.3
2B Chisel	124.2200	In-line	-	2.0	3000	2.6 - 5.5	¼	98.6	17.4
2BPG Needle	123.2100	Pistol Grip	19 x 3 mm	2.6	3000	2.6 - 5.5	¼	113.3	12.6
2BPG Chisel	125.2300	Pistol Grip	-	2.0	3000	2.6 - 5.5	¼	98.6	22.4
3BPG Needle	133.3100	Pistol Grip	28 x 3 mm	3.7	2200	3.8 - 8.0	¼	114.5	18.9
3BPG Chisel	135.3300	Pistol Grip	-	3.0	2200	3.8 - 8.0	¼	105.1	25.6
3B Needle	131.3000	Semi Pistol Grip	28 x 3 mm	4.5	2200	3.8 - 8.0	¼	114.5	12.2
3B Chisel	134.3200	Semi Pistol Grip	-	3.4	2200	3.8 - 8.0	¼	105.1	19.9
4B Needle	141.4000	Semi Pistol Grip	35 x 4 mm	5.6	1800	4.0 - 8.5	¼	117.4	23.5
4B Chisel	144.4200	Semi Pistol Grip	-	4.0	1800	4.0 - 8.5	¼	99.7	45.1



## ELECTRIC NEEDLE / CHISEL SCALERS

**VL219E**


LATEST ADDITION TO THE DE SCALING RANGE, THE VL219E IS A POWERFUL, LIGHTWEIGHT ELECTRIC TOOL THAT OFFERS REAL PERFORMANCE.

Trelawny's expertise as a manufacturer of scaling tools for the offshore and marine industries means they understand the rigours of harsh environments.

With this knowledge, we have developed the VL219E for dedicated requirements, with no compromise.

Dust free operation with optional TVS<sup>®</sup> shroud.



Low vibration

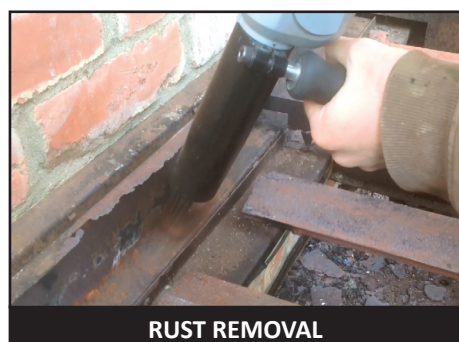


Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

- Strong 650w (110v & 230v) motor
- Lightweight and slim line for easy operation
- Vibro-Lo<sup>TM</sup> handle
- Magnesium alloy gearbox housing for reduced weight and strength.
- Autostop brushes protects the armature
- Chisel scaler attachment available
- Bush/cruciform hammer head attachment available



RUST REMOVAL



BRICK CLEANING



TIGHT AREA APPLICATIONS

## APPLICATIONS

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

## ELECTRIC NEEDLE / CHISEL SCALERS

**VL219E**

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Description
	419.6610	<b>Chisel Kit</b> Converts VL219E into a Chisel Scaler
	415.6610	<b>Bush Head Hammer Kit</b> Converts VL219E into a Bush Hammer tool
COMING SOON	TBC	<b>Cruciform head Hammer Kit</b> Converts VL219E into a Cruciform Hammer tool
	443.1115	<b>Box of 19 Needles</b> Flat Tip - length 127mm (5")
	443.1106	<b>Box of 100 Needles</b> Flat Tip - length 127mm (5")
	443.1105	<b>Box of 1000 Needles</b> Flat Tip - length 127mm (5")
	612.6600	<b>Bush Hammer Head</b>
COMING SOON	TBC	<b>Cruciform Hammer Head</b>

Image	Part Number	Description
	704.3101	<b>Chisel</b> Blade width 19mm - Length 178mm
	704.3103	<b>Chisel</b> Blade width 64mm - Length 178mm
	704.3105	<b>Chisel</b> Blade width 64mm - Length 254mm
	704.3107	<b>Chisel</b> Blade width 19mm - Length 254mm
	704.3110	<b>Chisel</b> Blade width 50mm - Length 178mm Spark Resistant Aluminium Bronze
	704.3205	<b>Chisel</b> Blade width 35mm Cranked - Length 178mm
	418.6100	<b>Vacuum Shroud</b> 

### TECHNICAL DATA

Model	Part Number	Power input (w - v - Hz)	Piston Stroke (mm)	Blows per Minute (BPM)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
VL219E Needle 110v	196.6002	650 - 110 - 50	20	3000	520	210	180	3.7
VL219E Needle 115v	196.6016	650 - 110 - 60	20	3000	520	21	180	3.7
VL219E Needle 230v	196.6004	650 - 110 - 50	20	3000	520	210	180	3.7
VL219E Kit 110v 50hz	196.6102	650 - 110 - 50	20	3000	520	210	180	6.5
VL219E Kit 115v 60hz	196.6116	650 - 110 - 60	20	3000	520	210	180	6.5
VL219E Kit 230v 50hz	196.6104	650 - 230 - 50	20	3000	520	210	180	6.5

Kit consists of: VL219E Needle Scaler, Chisel Scaler Assembly (419.6610), Bush Hammer Assembly (415.6610), 19 x 3mm Needles (443.1115), Dust shroud (418.6100) & heavy duty carry case.

## NEEDLES - A MARK OF EXCELLENCE FROM TRELAWNY

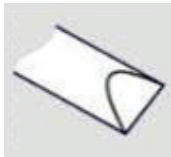
Trelawny offer the highest quality needle proven to last more than 10 times the duration of some competitor needles. Our customers benefit from less needle changes and therefore reduced downtime.

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 & 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 1000 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
	453.1307	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



## CHIPPING HAMMER ACCESSORIES & TOOL KITS

### KEY CONSUMABLES & ACCESSORIES

Image	Part Number	Shank Type	Length (mm)	Blade width (mm)	Application
	704.1101 704.3101*	Square	178mm	19mm	Weld spatter removal
	704.1103 704.3103*	Square	178mm	64mm	Wide flat chisel for the removal of peeling paint and rust
	704.1105 704.3105*	Square	254mm	64mm	Wide flat chisel for the removal of peeling paint and rust
	704.1106	Square	203mm	6mm	Mortar removal for repointing brickwork
	704.1107 704.3107*	Square	254mm	19mm	Flat chisel for weld spatter and sand cast cleaning
	704.1110 704.3110*	Square	178mm	50mm	Spark resistant Aluminium Bronze for use in hazardous areas 
	704.1112	Square	178mm	Moil Point	Concrete chipping
	704.2105 704.3205*	Square	178mm	35mm Cranked	Weld flux and thick coating removal

\* - Chisels to suit Low vibration Range (VL203, VL223 & VL303)

### LOW VIBRATION SCALER KIT

#### VL 303 NEEDLE/CHISEL SCALER KIT - 196.3105

##### Kit Includes:

- Black carry case
- VL303 needle scaler
- Allen key (6mm hex.)
- ½" chisel holder VL303
- VL303 anvil (chisel holder)
- 4 x plastic ball (6mm. diam)
- 28 x 3mm chisel tip needles
- VL chisel ½" square x ¾" wide
- VL chisel ½" square x 2 ½" wide
- Connector ¼ BSP T - 3/8 stem



## LONG REACH NEEDLE / CHISEL SCALERS

**LR**


**THE LONG REACH RANGE IS DESIGNED TO MAKE THE OPERATORS 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.



Non spark options available

### FEATURES & BENEFITS

- 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**



**APPLICATION BETWEEN BRICKS**




**PAINT REMOVAL**

## LONG REACH NEEDLE / CHISEL SCALERS


**LR**

### KEY CONSUMABLES & ACCESSORIES


Image	Part Number	Description
	413.2128	<b>Replacement Needles</b> 6 x sets of 28 Needles

	419.3541	<b>Chisel Holder Assembly 5/8" Hex</b> Converts the Long Reach needle scaler into a Long Reach Chisel Scaler
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	705.1100	<b>229mm long chisel with 50mm wide blade</b> Spark resistant aluminium bronze for use in hazardous areas
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	705.1101	<b>229mm long chisel with 25mm wide blade</b> Flat chisel for sand cast chipping
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	705.1102	<b>203mm long chisel with 100mm wide blade</b> General chipping applications, asphalt cutter, paint removal
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	705.1106	<b>229mm long chisel with 50mm wide blade</b> Removal of linoleum from floor base
--	----------	--

	705.1112	<b>203mm long chisel with 100mm wide blade</b> Spark resistant aluminium bronze for use in hazardous areas
--	----------	---

Image	Part Number	Description
	706.2102	<b>203mm long chisel with 100mm wide blade</b> Floor tile removal

	708.1100	<b>203mm long chisel with comb insert</b> For use with comb insert
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	708.1101	<b>25mm long chisel with 38mm comb insert</b> Brick cleaning and reclamation
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	815.5550	<b>Whip Check</b>
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	859.1530	<b>1/4 BSP Inline Lubricator</b>
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	TBC	<b>Whip Hose</b>
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	458.1530	<b>1/4 BSP Inline Lubricator Assembly</b> Consists of whip hose, whip check and 1/4 lubricator
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- Note: Please see page 80 for the full range of replacement needles

- Note: Please see page 57 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 <sup>2</sup> )
2ft Needle Scaler	137.3200	28 x 3mm	3.7	740	2200	2.1 - 4.5	103.1	5.4
4ft Needle Scaler	137.3400	28 x 3mm	4.9	1100	2200	2.1 - 4.5	103.5	9.5
5ft Needle Scaler	137.3500	28 x 3mm	5.5	1400	2200	2.1 - 4.5	103.0	11.4
6ft Needle Scaler	137.3600	28 x 3mm	6.1	1710	2200	2.1 - 4.5	103.5	9.8
4ft LITE Needle Scaler	137.3498	28 x 3mm	3.0	1100	2200	2.1 - 4.5	104.7	13.2
5ft LITE Needle Scaler	137.3598	28 x 3mm	3.4	1400	2200	2.1 - 4.5	103.0	10.8
6ft LITE Needle Scaler	137.3698	28 x 3mm	3.8	1710	2200	2.1 - 4.5	104.5	11.6

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



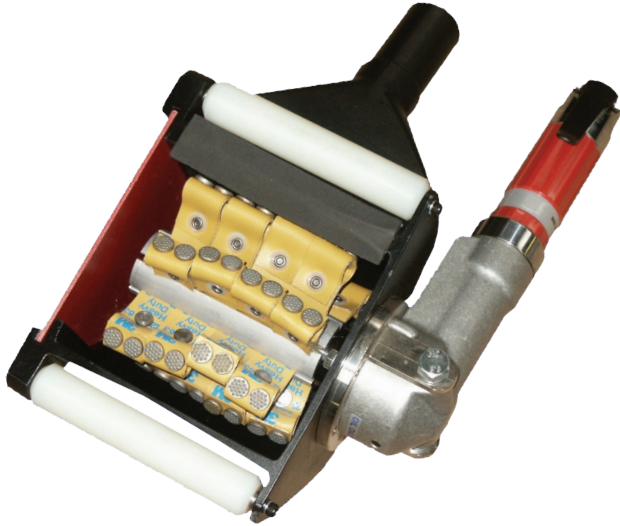
## HANDHELD SCARIFIER - PEENING PREPARATION TOOLS

**PPT**

### 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<sup>TM</sup>" 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.



Dust control options available

See page 72 for our full range of vacuums

## FEATURES & BENEFITS

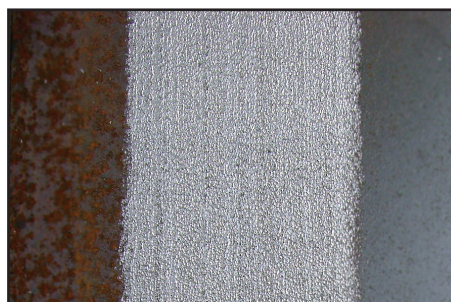
- Available in 50mm (2") or 100mm (4")
- Range of abrasives available
- Fully shrouded tool (TVS<sup>®</sup>)

## APPLICATIONS

- Fast removal of coatings, scale and contamination
- Preparation of surfaces for recoating
- Suitable alternative to small area blasting



STEEL APPLICATION



3M<sup>TM</sup> ROTOPEEN FLAP FINISH



NUCLEAR DECOMMISSIONING

# HANDHELD SCARIFIER - PEENING PREPARATION TOOLS

**PPT**

## KEY CONSUMABLES & ACCESSORIES



**Star Cutter**  
Aggressive removal of thick coatings  
Part No: 312.S200



**Beam Cutter**  
Removal of hard coatings, less aggressive than star cutters  
Part Number: 312.R200



**3M™Heavy Duty Rotopeen™ 'C' type Flap**  
Removal of paint and rust to a bare metal finish.  
Part Number: 312.MRPC

### APPLICATIONS

Nuclear:	-	-	Radioactive waste removal and capture
Ship decks:	Non-slip coating removal	-	General paint removal
Construction:	Plaster removal	Ceiling / wall paint removal	Ceiling / wall paint removal
Factory floors:	-	Floor marking removal	Floor marking removal
Swimming pools:	Adhesive removal	Adhesive removal	-
Bridge maintenance:	Sealant removal	-	Paint and sealant removal
Pipeline maintenance:	-	-	Protective coating removal

## TECHNICAL DATA

Model	Part No	Cutting Width (mm)	Power	R.P.M	Air Consumption (cfm - lpm)	Weight (kg)	Vibration level (Aeq m/s <sup>2</sup> )	
2" PPT Air C Flaps	194.0205	50mm (2")	Air	2700	30 - 840	3.40	3.5	
2" PPT Air Star	194.C205	50mm (2")	Air	2700	30 - 840	5.20	6.0	
2" PPT 110v C Flaps	195.1215	50mm (2")	110v 1ph 50Hz	2000	-	4.40	3.6	
2" PPT 110v Star	195.C216	50mm (2")	110v 1ph 50Hz	2000	-	4.56	7.8	
2" PPT 230v C Flaps	195.1220	50mm (2")	230v 1ph 50Hz	2000	-	4.40	3.6	
2" PPT 230v Star	195.C221	50mm (2")	230v 1ph 50Hz	2000	-	4.56	7.8	
4" PPT Air C Flaps	194.0405	100mm (4")	Air	2700	30 - 840	4.10	3.1	
4" PPT Air Star	194.C405	100mm (4")	Air	2700	30 - 840	6.40	4.6	
4" PPT 110v C Flap	195.1415	100mm (4")	110v 1ph 50Hz	2000	-	5.23	5.2	
4" PPT 110v Star	195.C416	100mm (4")	110v 1ph 50Hz	2000	-	6.47	7.8	
4" PPT 230v C Flap	195.1420	100mm (4")	230v 1ph 50Hz	2000	-	5.23	5.2	
4" PPT 230v Star	195.C421	100mm (4")	230v 1ph 50Hz	2000	-	6.47	7.8	

## SCALEFORCE PNEUMATIC HANDHELD SCALING HAMMERS

**SF**


**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.



Low vibration options available



Non spark options available

### FEATURES & BENEFITS

- 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



**CORROSION REMOVAL**



**SHIPYARDS MANAGEMENT**



**RUST DE SCALING**



# SCALEFORCE PNEUMATIC HANDHELD SCALING HAMMERS

**SF**

## KEY CONSUMABLES & ACCESSORIES


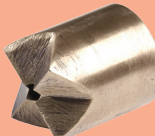






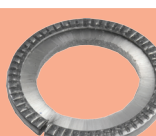

Image	Part Number	Description
	426.5351	<b>Cruciform taper fit cutter head</b> Tungsten carbide tipped head - for fracturing and removal of coatings To fit 151.5100 / 196.5095 / 153.5300
	606.5303	<b>Cruciform taper fit cutter head</b> Beryllium copper spark resistant - for fracturing and removal of coatings To fit 151.5110 / 153.5310 
	426.5352	<b>Bush hammer taper fit cutter head</b> Tungsten carbide tipped head - creates a heavier key on the surface To fit 151.5105 / 153.5305
	612.5301	<b>Piston to fit cutter heads</b>

Image	Part Number	Description
	859.1530	<b>1/4 inline lubricator</b>
	815.5550	<b>Whip check</b>
	458.1530	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 1/4 inline lubricator
	614.5301	<b>Brush seal</b>

## 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/s <sup>2</sup> )
Single Head	151.5100	Cruciform head	2.5	485	152.5	3000	3.3 - 7	88.1	6.8
Single Head	151.5100	Beryllium copper taper fit cutter	2.5	485	152.5	3000	3.3 - 7	88.1	6.8
Single Head	151.5180	Single piece steel piston	2.5	485	152.5	3000	3.3 - 7	88.1	6.8
Vibro-Lo™ Single Head	196.5095	Cruciform head	2.5	465	140	3000	3.3 - 7	92.5	3.7
Triple Head	153.5300	Cruciform head	3.7	485	152.5	3000 x 3	3.3 - 7	92.7	13.4 
Triple Head	153.5310	Beryllium copper taper fit cutter	3.7	485	152.5	3000 x 3	3.3 - 7	92.7	13.4
Triple Head	153.5180	Single piece steel piston	3.7	485	152.5	3000 x 3	3.3 - 7	92.7	13.4

## SCALEFORCE ELEVEN HEAD PNEUMATIC DECK HAMMER

**SF11**


**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.



Low vibration



Dust control options available

See page 72 for our full range of vacuums



Non spark options available

### FEATURES & BENEFITS

- 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<sup>TM</sup> vibration reduction for operator comfort and safety
- Optional Trelawny TVS<sup>®</sup> vacuum shroud system for protection of operators and surrounding environment

### APPLICATIONS

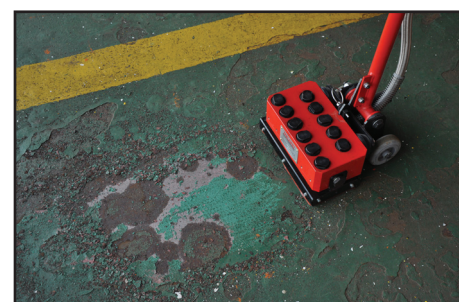
- Ship decks, tank bottoms, bridge decks and floating platform de scaling.
- Use ahead of grit blasting to breakdown coatings
- Aggressive pre-preparation on thick coatings ahead of shot blasting



COATING & CORROSION REMOVAL



DECK DESCALING








USE WITH A45 DUST COLLECTOR

# SCALEFORCE ELEVEN HEAD PNEUMATIC DECK HAMMER

**SF11**

## 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
	614.5301	Brush seal

Image	Part Number	Description
	437.0100	Vacuum shroud To be used with pneumatic dust collector 303.10KAV30/WD
	859.1580	3/4" BSP Inline lubricator
	815.5560	Whip check
	458.1580	Whip Hose & Oiler Assembly Consists of whip hose, whip check and 3/4" lubricator
	715.0752	3/4" air hose complete with couplings 15m length

## TECHNICAL DATA

Model	Part No.	Cutter Heads	Weight (kg)	Height (mm)	Width (mm)	Cutting Width (mm)	Blows Per Minute (BPM)
SF11 c/w Dust Shroud	159.5912	Cruciform taper fit	38	1210	282	252	3000 x 11
SF11 Cruciform	159.5910	Cruciform taper fit	38	1210	282	252	3000 x 11
SF11 B. Copper	159.5930	Beryllium copper cruciform taper fit	38	1210	282	252	3000 x 11

Model	Part No.	Cutter Heads	Air Consumption (lps - cfm)	Noise Level (db (A))	Vibration Level (Aeq m/s²)
SF11 c/w Dust Shroud	159.5912	Cruciform taper fit	33 - 70	113.1	5.76
SF11 Cruciform	159.5910	Cruciform taper fit	33 - 70	113.1	5.76
SF11 B. Copper	159.5930	Beryllium copper cruciform taper fit	33 - 70	113.1	5.76



## HYDRAFLEX HOLD CLEANING GUN



Specifically designed for hold cleaning on bulk carriers and cargo vessels of all sizes, the Hydraflex uses a combination of water and compressed air resulting in a powerful, tightly compressed jet of water able to reach up to 30 meters (100ft).



HOLD CARGO CLEANING

## TRIDENT NEPTUNE DECK DE-SCALER



Trelawny's proven reliability over many years has made the Trident Neptune machines the first choice for de-scaling on board ships. The machines will rapidly remove scale, rust, paint and other unwanted deposits, leaving a good surface suitable for priming/painting or coating application.



USE ON SHIP DECK TO REMOVE RUST

## REACHING OUT TOGETHER

Trelawny's experienced staff are always pleased to advise customers on any technical or application related requirements. Trelawny Customer Education Centre provides professional training, demonstration and hands on experience for its current range of products.



## CUSTOMER COMES FIRST

Competence means putting know how into practice. From conception through development to testing, marketing and distribution, excellence in service is a belief that permeates throughout Trelawny.

A network of appointed overseas and UK based distributors are supported by a focused customer service department and backed up by a competent team of technical support engineers.



## THE RIGHT PEOPLE IN THE RIGHT PLACE

With a qualified team of engineers, Trelawny is continuously in a position to anticipate the future need of its customers, exploit new technology and allow for a prompt despatch service.

Thanks to the knowledge and expertise gained since its inception, Trelawny is established today as a very reputable & highly marketable name synonymous with quality.



ISO 9001  
BUREAU VERITAS  
Certification



Environmentally acceptable by design, under its trade mark Vibro-Lo, TRELAWNY is at the forefront of operator protection in its objective to reduce vibration levels across its range and offer solutions for the containment of hazardous materials, nuisance dust and debris.

TRELAWNY tools are thoroughly tested under specified conditions in accordance with applicable internationally recognised standards.

TRELAWNY also operates a policy of continuous product development and refinement. Trelawny's extensive portfolio of satisfied customers has derived from being known as a leader in surface preparation equipment with a long standing reputation for quality and reliability.





Dealer Stamp:

© EN C B 2015/1

[www.trelawnyspt.co.uk](http://www.trelawnyspt.co.uk)

**TRELAWNY**<sup>TM</sup>  
GROUP OF COMPANIES

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