

# THE PERFECT FINISH STARTS WITH TRELAWNY

**MARINE & OFFSHORE EQUIPMENT**



**SCAN HERE**  
FOR TOOLS AND EQUIPMENT  
**INTRODUCTION**

### CONFINED AREAS

- Needle & Chisel Scalers
- Chip and scale thick rust and coatings



### HATCH COVERS

- Trident Neptune - Flexible scaling machine with multiple attachments for heavy scaling through to wire brushing



### HOLDS

- Hold Cleaner - Powerful water jet for effectively cleaning down holds between loads



### LADDERS, RAILINGS, DECK GEAR AND EQUIPMENT

- Needle Scaler - Quickly remove, clean and prepare on irregular surfaces and corrosion spots



# SUPPORTING VESSELS LOCALLY THROUGH APPROVED TRELAWNY STOCKISTS.

In 2022 we supplied

# 45,000 TOOLS

to 70 countries

All our products are



# MANUFACTURED IN THE UK.

### OPEN DECK

- Deck Scalers - Options for fast removal of heavy corrosion and anti-skid coatings to wire brushing and cleaning



### HARD TO REACH AREAS

- Long Reach Scaler - Extended length lightweight pole scalers for reach



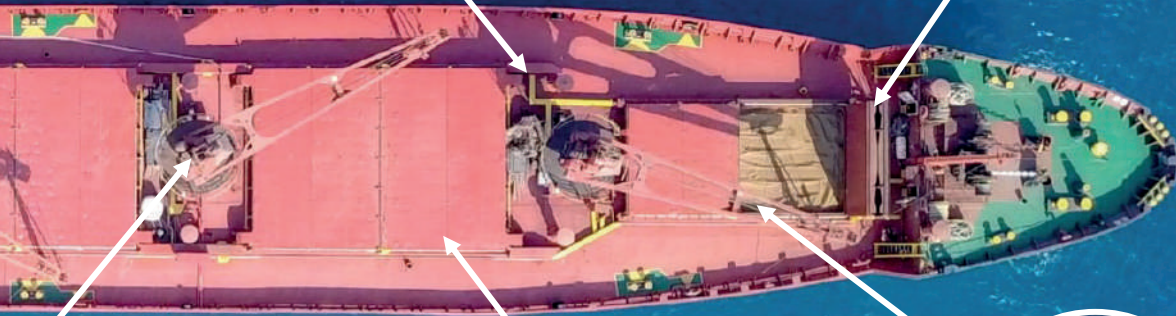
### WALLS AND BULKHEADS

- Scaling Hammers - High impact tools for fast removal of coating and corrosion



### WALKWAYS

- PPT - Handheld deck scaler for confined areas



### MAJOR STOCK POINTS

- Shanghai
- Singapore
- Fujairah
- Amsterdam
- Antwerp
- Rotterdam
- United Kingdom
- Houston
- Piraeus



**SAFETY: ATEX TOOL RANGE.**

# ATEX NEEDLE & CHISEL SCALERS.

- Needle and chisel scalers
- No need for hot work permits
- No contamination measures



ATEX Certified



Low Vibration



Dust control



VL303Ex Needle



VL223Ex Needle



VL203Ex Needle

# ATEX SCALING HAMMERS.

- Scaling hammers
- Quick removal of heavy scale
- Effective in Ex zones such as LNG vessels and rigs



ATEX Certified



Low Vibration

# ATEX VACUUM.

- Scaling hammers
- Quick removal of heavy scale
- Effective in Ex zones such as LNG vessels and rigs



KAV30



# ATEX DECK SCALER.

- Walk behind deck hammer
- Fast descaling of decks on vessels and platforms
- Removes corrosion



ATEX Certified



Low Vibration



Dust control

**INNOVATION**

Safety and environmental protection are key areas where Trelawny strive to innovate and develop products to better serve our customers' needs.



**ATEX CERTIFIED**

ATEX (Atmospheres Explosibles) certified needle scalers for use in potentially explosive atmospheres.



**NON-SPARKING**

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



**LOW VIBRATION**

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



**DUST FREE**

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

**QUALITY ASSURANCE**

Trelawny SPT is an accredited certification, compliant with the latest version of ISO (9001:2015). We have a thorough and dedicated quality department that ensures the entirety of the criteria for a quality management system is met and maintained.



**SMALL AREA DESCALING**

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# SMALL AREA DESCALING



**SCAN HERE**  
FOR TOOLS AND EQUIPMENT  
**INTRODUCTION**

**NEEDLE / CHISEL SCALERS**

**B / BPG**



2B Inline



2BPG Pistol Grip



3BPG Pistol Grip

**THE ORIGINAL!**

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

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



Dust control options available



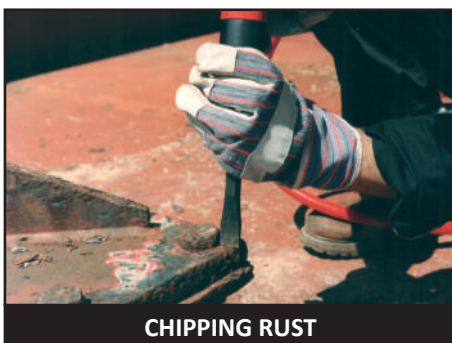
ATEX options available

**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
- Low air consumption
- 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 steelwork and machinery
- Spot repairs



CHIPPING RUST



CLEANING STEEL STRUCTURES



PAINT REMOVAL

## NEEDLE / CHISEL SCALERS

B / BPG

### KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No:	IMPA Part No:	ISSA Part No:	Description
	418.2200	59.25.01	55.091.35	TVS Vacuum to fit 2B/2BPG Needle Scalers
	418.3040	59.25.02	55.091.37	TVS Vacuum to fit 3BPG Needle Scaler
	446.7110	N/A	N/A	1B Chisel Attachment Kit
	446.7120	N/A	N/A	2B/2BPG Chisel Attachment Kit
	446.7130	N/A	N/A	3BPG Chisel Attachment Kit
	446.1010	N/A	N/A	1B Needle Scaler Service Kit
	446.1020	N/A	N/A	2B Needle Scaler Service Kit
	446.1025	N/A	N/A	2BPG Needle Scaler Service Kit
	446.1035	N/A	N/A	3BPG Needle Scaler Service Kit
	446.1012	N/A	N/A	1B Chisel Scaler Service Kit
	446.1022	N/A	N/A	2B Chisel Scaler Service Kit
	446.1027	N/A	N/A	2BPG Chisel Scaler Service Kit
	446.1037	N/A	N/A	3BPG Chisel Scaler Service Kit
	453.1110	N/A	N/A	Box of 100 Flat tip needles
	453.2110	N/A	N/A	Box of 100 Chisel tip needles
	601.1003	N/A	N/A	1B Needle Holder (12 x 3mm)
	601.2003	59.05.05	N/A	2B/2BPG Needle Holder (19 x 3mm)
	601.3003	59.05.06	N/A	3BPG Needle Holder (28 x 3mm)
	712.1001	N/A	N/A	1B Front Spring
	712.2001	N/A	N/A	2B/2BPG Front Spring
	712.3001	N/A	N/A	3BPG Front Spring
	458.1530	N/A	N/A	¼ BSP Inline Lubricator Assembly Consists of whip hose, whip check and ¼ lubricator

- Note: Please see page 12 for the full range of replacement needles  
 - Note: Please see page 44 for the full range of air hoses and accessories

### TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Type	Needle Quantity	Weight (kg)	Blows per Min (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	Noise Level (LwA db(A))	Vibration Level (Aeq m/s <sup>2</sup> )
1B Needle	111.1000	N/A	55.089.01	In-line	12 x 3 mm	1.6	3800	1.42 - 3	¼	110.4	8.5
1B Chisel	114.1200	N/A	55.089.02	In-line	-	1.5	3800	1.42 - 3	¼	98.9	8.2
2B Needle	121.2000	59.04.81	55.091.07	In-line	19 x 3 mm	2.6	3000	2.6 - 5.5	¼	113.3	9.3
2B Chisel	124.2200	59.05.81	55.091.08	In-line	-	2.0	3000	2.6 - 5.5	¼	98.6	17.4
2BPG Needle	123.2100	59.04.82	55.091.10	Pistol Grip	19 x 3 mm	2.6	3000	2.6 - 5.5	¼	113.3	12.6
2BPG Chisel	125.2300	59.05.82	55.091.11	Pistol Grip	-	2.0	3000	2.6 - 5.5	¼	98.6	22.4
3BPG Needle	133.3100	59.04.83	55.091.22	Pistol Grip	28 x 3 mm	3.7	2200	3.8 - 8.0	¼	114.5	18.9
3BPG Chisel	135.3300	59.05.83	55.091.23	Pistol Grip	-	3.0	2200	3.8 - 8.0	¼	105.1	25.6

**LOW VIBRATION NEEDLE & CHISEL SCALERS**

**VL**



VL 223 Inline



VL 203 Pistol Grip



VL 303 Pistol Grip

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

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

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



Low Vibration



Dust control options available



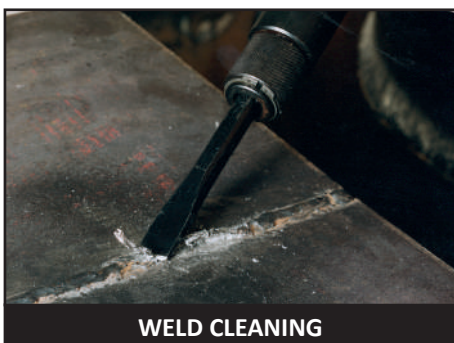
ATEX options available

**FEATURES & BENEFITS**

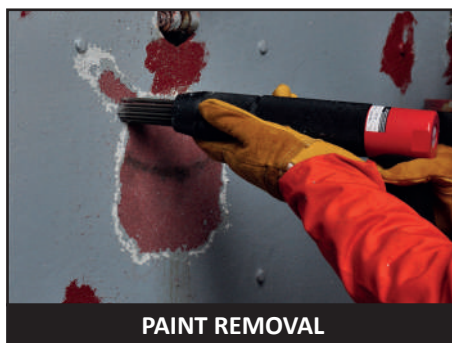
- Range of sizes for performance
- Pistol grip and in-line configurations
- Optional Beryllium Copper needles for use in potentially explosive environments
- Low air consumption
- Simple maintenance with no special tools required for reduced downtime
- Available as a needle or chisel scaler for multiple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

**APPLICATIONS**

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



WELD CLEANING



PAINT REMOVAL





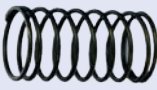

RUST REMOVAL

**LOW VIBRATION NEEDLE & CHISEL SCALERS**

**VL**









**KEY CONSUMABLES & ACCESSORIES**

Image	Part Number	Description
	418.2003	TVS Vacuum Shroud to fit VL203/VL223 Needle Scalers
	418.3003	TVS Vacuum Shroud to fit VL303 Needle Scaler
	446.2120	VL203/VL223 Chisel Attachment Kit
	446.2130	VL303 Chisel Attachment Kit
	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

Image	Part Number	Description
	601.2030	VL203/VL223 Needle Holder (19 x 3mm)
	601.3030	VL303 Needle Holder (28 x 3mm)
	453.1110	Box of 100 Flat tip needles
	453.2110	Box of 100 Chisel tip needles
	712.2003	VL203/VL223 Front Spring
	712.3003	VL303 Front Spring
	458.1530	¼ BSP Inline Lubricator Assembly Consists of whip hose, whip check and ¼ lubricator

- Note: Please see page 12 for the full range of replacement needles  
 - Note: Please see page 44 for the full range of air hoses and accessories

**TECHNICAL DATA**

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Type	Needle Quantity	Weight (kg)	Blows per min (BPM)	Air Consumption (lps - cfm)	Air Inlet Size (BSP)	Noise Level (LwA db(A))	Vibration Level (Aeq m/s <sup>2</sup> )
 VL223 Needle	196.2103	59.05.18	55.091.67	In-line	19 x 3 mm	2.35	2400	1.89 - 4	¼	90.7	2.56
 VL223 Chisel	196.2213	59.05.19	55.091.68	In-line	-	2.95	2400	1.89 - 4	¼	76.3	3.69
 VL203 Needle	196.2003	59.05.00	55.091.63	Pistol Grip	19 x 3 mm	2.7	2400	1.89 - 4	¼	90.7	2.75
 VL203 Chisel	196.2203	59.05.13	55.091.64	Pistol Grip	-	3.2	2400	1.89 - 4	¼	76.3	3.33
 VL303 Needle	196.3003	59.05.10	55.091.40	Pistol Grip	28 x 3 mm	3.51	3000	2.6 - 5.5	¼	109.5	2.3
 VL303 Chisel	196.3203	59.05.14	55.091.41	Pistol Grip	-	4.25	3000	2.6 - 5.5	¼	78.2	3.7
 VL223-Ex Needle 	196.2107	N/A	N/A	In-line	19 x 3 mm	2.35	2400	1.89 - 4	¼	90.7	2.56
 VL223-Ex Chisel 	196.2117	N/A	N/A	In-line	-	2.95	2400	1.89 - 4	¼	76.3	3.69
 VL203-Ex Needle 	196.2207	N/A	N/A	Pistol Grip	19 x 3 mm	2.7	2400	1.89 - 4	¼	90.7	2.75
 VL203-Ex Chisel 	196.2217	N/A	N/A	Pistol Grip	-	3.2	2400	1.89 - 4	¼	76.3	3.33
 VL303-Ex Needle 	196.3007	N/A	N/A	Pistol Grip	28 x 3 mm	3.51	3000	2.6 - 5.5	¼	109.5	2.3
 VL303-Ex Chisel 	196.3017	N/A	N/A	Pistol Grip	-	4.25	3000	2.6 - 5.5	¼	78.2	3.7

ATEX Certification for VL Tools

**EX II 2 G EX IIIC T4 GB**

**EX II 2 DEX H IIIC T135°C DB**

\*Certified for use in Category 2 (Dust Zone 21 / Gas Zone 1)

 **SCAN HERE**  
 FOR INFORMATION ON  
**VIBRO-LO™ SCALERS**

**LONG REACH SCALERS**

**LRS**



**ONE TOOL, MULTIPLE APPLICATIONS**

Trelawny long reach scalers make chipping and scaling require less effort by offering extended reach, perfect for hard to access areas, overhead & in tanks.

Available in lengths from 2ft through to 6ft to suit operator and application.

Based on our popular and reliable 3BPG pistol grip scaler they share all common components allowing for quick interchangeability between scaling, chipping and scraping attachments.

The Aluminium “LITE” model makes working overhead and at extended reach safer and reduces strain on the operator.



Non spark options available

**FEATURES & BENEFITS**

- Multiple attachments for chipping, scraping and scaling
- Available in 2ft, 4ft, 5ft and 6ft lengths
- Aluminium “LITE” version
- Quick change chisel holder
- Low air consumption

**APPLICATIONS**

- Chipping and scraping of paint and rust
- Cleaning steelwork
- Cleaning hard to access areas
- Cleaning spillages
- Removing rubber and bituminous products



**RESIDUE REMOVAL**



**CLEANING STEELWORK**



**SHIP DECK RUST REMOVAL**

## LONG REACH SCALERS

LRS

### KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	419.3541	N/A	N/A	Chisel Holder
	415.3532	59.04.85	N/A	Needle Scaler Attachment Kit
	453.1110 453.2110	N/A	N/A	Box of 100 Flat tip needles Box of 100 Chisel tip needles
	431.3508	59.04.55	55.094.11	203mm Wide Flat Edge Scraper Blade Assembly
	446.1030	N/A	N/A	Long Reach Needle Scaler Service Kit
	458.1530	N/A	N/A	¼ BSP Inline Lubricator Assembly Consists of whip hose, whip check and ¼ lubricator

### TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	ISSA 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	59.04.51	55.094.01	Standard	4.80	740	2200	2.1 - 4.5	84	15.3
2ft Needle	137.3200	N/A	N/A	Standard	6.00	740	2200	2.1 - 4.5	103	5.4
4ft Chisel	136.3400	59.04.52	55.094.02	Standard	5.70	1100	2200	2.1 - 4.5	84	12.2
4ft Needle	137.3400	N/A	N/A	Standard	6.90	1100	2200	2.1 - 4.5	103	9.5
5ft Chisel	136.3500	59.04.53	55.094.04	Standard	6.25	1400	2200	2.1 - 4.5	86	12.3
5ft Needle	137.3500	N/A	N/A	Standard	7.45	1400	2200	2.1 - 4.5	103	11.4
6ft Chisel	136.3600	59.04.54	55.094.06	Standard	6.90	1710	2200	2.1 - 4.5	116	12.5
6ft Needle	137.3600	N/A	N/A	Standard	8.10	1710	2200	2.1 - 4.5	103	9.8
4ft LITE Chisel	136.3498	59.04.50	55.094.03	LITE	3.70	1100	2200	2.1 - 4.5	89	25.1
4ft LITE Needle	137.3498	N/A	N/A	LITE	4.90	1100	2200	2.1 - 4.5	105	13.2
5ft LITE Chisel	136.3598	59.04.59	55.094.05	LITE	4.05	1400	2200	2.1 - 4.5	89	19.3
5ft LITE Needle	137.3598	N/A	N/A	LITE	5.25	1400	2200	2.1 - 4.5	103	10.8
6ft LITE Chisel	136.3698	59.04.60	55.094.07	LITE	4.55	1710	2200	2.1 - 4.5	116	18.8
6ft LITE Needle	137.3698	N/A	N/A	LITE	5.75	1710	2200	2.1 - 4.5	105	11.6

## NEEDLES - A MARK OF EXCELLENCE FROM TRELAWNY

Trelawny's premium quality needles made from specially treated metals are proven to last more than 10 times the duration of some competitor needles giving customers the benefit of fewer needle changes and reduced downtime.

Trelawny Needle scalers come fitted as standard with 180mm (7 inch) 3mm diameter chisel tipped needles.

A number of optional needles are available in different diameters and materials for specialist applications.

### CHISEL TIP NEEDLES

Chisel tipped needles feature a sharpened chisel tip for aggressive removal of material while minimising indentation to the surface.

Image	Trelawny Part No.	Size (mm)	Description
	453.2110	3mm	Box of 100 Needles
	443.2107	3mm	Box of 1000 Needles

### FLAT TIP NEEDLES

Flat tipped needles reduce marking on the surface. 2mm needles used on welds give a shot peening effect reducing stress in the weld.

Image	Trelawny Part No.	Size (mm)	Description
	453.1110	3mm	Box of 100 Needles
	443.1107	3mm	Box of 1000 Needles

### STAINLESS STEEL NEEDLES

Special stainless steel needles are available for applications such as welding stainless steel or applications in areas of high humidity where contamination or corrosion from carbon steel needles is a problem.

Image	Trelawny Part No.	Size (mm)	Description
	453.1207	3mm	Box of 100 Needles
	443.1207	3mm	Box of 1000 Needles

### POINTED TIP NEEDLES

Pointed tipped needles feature a sharpened conical point. These are the most aggressive needles for breaking hard coatings and scale. They leave heavy indentations in the surface where a keying of the surface is required.

Image	Trelawny Part No.	Size (mm)	Description
	453.3110	3mm	Box of 100 Needles
	443.3107	3mm	Box of 1000 Needles

### SPARK RESISTANT BERYLLIUM COPPER

Beryllium Copper (BeCu) is a non-sparking and non-magnetic material suitable for use in potentially explosive atmospheres. These are fitted as standard to our VL Ex range of needle scalers (see page 8) and can be fitted as options to all needle scalers\*

\*Please note only the VLEx needle scaler carries ATEX certification, fitting BeCu needles to other models will not make them ATEX certified.

Image	Trelawny Part No.	Size (mm)	Description
	453.1310	3mm	Box of 100 Needles
	443.1307	3mm	Box of 1000 Needles

## REPLACEMENT CHISELS

### B/BPG

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

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

### VL








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

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

**CHISELS - LONG REACH SCALERS**








**REPLACEMENT CHISELS - LRS**

A range of replacement chisels that are compatible with the Long Reach Scalers

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Shank Type	Description
	705.1100 	N/A	55.094.16	3/8 Hexagon	<b>229mm long chisel with 50mm wide blade</b> Spark resistant aluminium bronze for use in hazardous areas
	705.1101	59.25.21	55.094.21	3/8 Hexagon	<b>229mm long chisel with 25mm wide blade</b> Flat chisel for sand cast chipping
	705.1102	59.04.56	55.094.15	3/8 Hexagon	<b>203mm long chisel with 100mm wide blade</b> General chipping applications & paint removal
	705.1106	59.04.55	55.094.11	3/8 Hexagon	<b>229mm long chisel with 50mm wide blade</b> Chipping rust
	705.1112 	59.04.30	55.094.17	3/8 Hexagon	<b>203mm long chisel with 100mm wide blade</b> Spark resistant aluminium bronze for use in hazardous areas

## REPLACEMENT BLADES - LRS

A range of replacement scraper blades that are compatible with the Long Reach Scalers

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Shank Type	Description
	641.3512 806.0816 824.0800	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	<b>Blade Holder</b> (Includes 806.0816 & 824.0800) <b>Button Head Screw</b> <b>Nylon Insert Nut</b>
	431.3504 439.3504	59.04.45 N/A	55.094.09 N/A	% Hexagon N/A	<b>102mm wide flat edge scraper blade assembly</b> Removal of adhesives and paint <b>Replacement 102mm wide flat edge scraper blade (pack of 5)</b> Removal of adhesives and paint
	431.3508 439.3508	59.04.57 N/A	55.094.10 N/A	% Hexagon N/A	<b>203mm wide flat edge scraper blade assembly</b> Removal of paint and coating spillage <b>Replacement 203mm wide flat edge scraper blade (pack of 5)</b> Removal of paint and coating spillage
	431.3512 439.3512	59.04.58 N/A	55.094.12 N/A	% Hexagon N/A	<b>305mm wide flat edge scraper blade assembly</b> Removal of carpet and tiles <b>Replacement 305mm wide flat edge scraper blade (pack of 4)</b> Removal of carpet and tiles
	431.3904 439.3524	59.25.25 N/A	55.094.25 55.094.26	% Hexagon N/A	<b>102mm wide bevelled scraper blade assembly</b> Removal of stubborn adhesive <b>Replacement 102mm wide bevelled scraper blade (pack of 5)</b> Removal of stubborn adhesive
	431.3908 439.3528	59.25.26 N/A	N/A N/A	% Hexagon N/A	<b>203mm wide bevelled scraper blade assembly</b> Removal of carpet and tiles <b>Replacement 203mm wide bevelled scraper blade (pack of 5)</b> Removal of carpet and tiles
	431.3912 439.3522	59.25.27 N/A	N/A 55.094.27	% Hexagon N/A	<b>305mm wide bevelled scraper blade assembly</b> Removal of stubborn adhesive <b>Replacement 305mm wide bevelled scraper blade (pack of 4)</b> Removal of stubborn adhesive

**HANDHELD SCALER - PEENING PREPARATION TOOL**

**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™" abrasive flaps will remove coatings, scale and corrosion while cleaning the surface to a SSPC11 bare metal finish. Providing up to a 100 micron anchor profile perfect for the reapplication of coatings.



Low vibration options available



Dust control options available

**FEATURES & BENEFITS**

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

**APPLICATIONS**

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



**HAZARDOUS PAINT REMOVAL**



**3M™ ROTOPEEN FLAP FINISH**



**PAINT REMOVAL**

## HANDHELD SCALER - PEENING PREPARATION TOOL

PPT

### STAR / BEAM CUTTER CONSUMABLES

Image	Part Number	Description
	Trelawny: 438.0209 IMPA: 59.22.91 ISSA: 55.098.09	2" Cutter Hub Assembly (No Cutters)
	Trelawny: 438.0409 IMPA: 59.22.92 ISSA: 55.098.08	4" Cutter Hub Assembly (No Cutters)
	Trelawny: 438.0220 IMPA: N/A ISSA: N/A	2" Cutter Hub Assembly c/w Star Cutters
	Trelawny: 438.0420 IMPA: N/A ISSA: N/A	4" Cutter Hub Assembly c/w Star Cutters
	Trelawny: 438.0225 IMPA: N/A ISSA: N/A	2" Cutter Hub Assembly c/w Beam Cutters
	Trelawny: 438.0425 IMPA: N/A ISSA: N/A	4" Cutter Hub Assembly c/w Beam Cutters

Image	Part Number	Description
	Trelawny: 312.D210 IMPA: N/A ISSA: N/A	2" Axle (4 per set) for Star / Beam Cutters
	Trelawny: 312.D410 IMPA: N/A ISSA: N/A	4" Axle (4 per set) for Star / Beam Cutters
	Trelawny: 312.S200 IMPA: 59.22.56 ISSA: 55.098.10	Star Cutter 80 Required for 2" Drum 160 Required for 4" Drum
	Trelawny: 312.R200 IMPA: 59.22.57 ISSA: 55.098.11	Beam Cutter 56 Required for 2" Drum 112 Required for 4" Drum

### "C-FLAP" CONSUMABLES

Image	Part Number	Description
	Trelawny: 438.0235 IMPA: N/A ISSA: N/A	2" Rotopeen Assembly "C-Flaps"
	Trelawny: 438.0435 IMPA: N/A ISSA: N/A	4" Rotopeen Assembly "C-Flaps"
	Trelawny: 312.MRPC IMPA: 59.22.58 ISSA: 55.098.12	Rotopeen flap (Type C)
	Trelawny: 312.D213 IMPA: N/A ISSA: N/A	2" Pin set (6 Per Set) (Flap retaining)
	Trelawny: 312.D413 IMPA: N/A ISSA: N/A	4" Pin set (6 Per Set) (Flap retaining)

Image	Part Number	Description
	Trelawny: 312.D205 IMPA: N/A ISSA: N/A	2" Rotopeen Hub
	Trelawny: 312.D405 IMPA: N/A ISSA: N/A	4" Rotopeen Hub
	Trelawny: 438.0205 IMPA: 59.22.93 ISSA: 55.098.06	2" Rotopeen Hub - Includes Pins
	Trelawny: 438.0405 IMPA: 59.22.94 ISSA: 55.098.07	4" Rotopeen Hub - Includes Pins

### TECHNICAL DATA

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

**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 they are 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



ATEX 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**

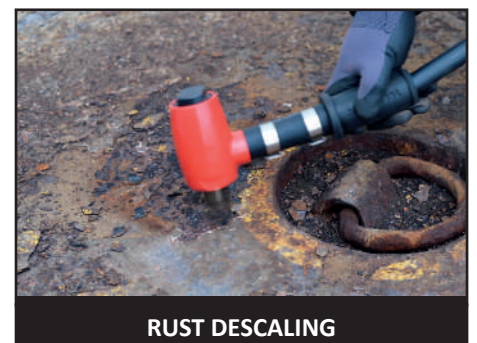
- Quick removal of heavy coatings and rust
- Preparation before blasting
- Oil platform maintenance
- Cleaning pipes



**CORROSION REMOVAL**



**HEAVY COATING REMOVAL**



**RUST DESCALING**

## SCALEFORCE PNEUMATIC HANDHELD SCALING HAMMERS

SF

### KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	426.5351	59.03.85	55.093.12	<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	59.03.89	55.093.13	<b>Cruciform taper fit cutter head</b> Beryllium Copper spark resistant - for fracturing and removal of coatings To fit 151.5110 / 153.5310
	612.5301	N/A	N/A	<b>Piston to fit cutter heads</b>
	612.5305	N/A	N/A	<b>Single Piece Steel Piston</b>

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	446.1520	N/A	N/A	<b>SF1 Service Kit</b>
	446.1530	N/A	N/A	<b>SF3 Service Kit</b>
	614.5301	N/A	N/A	<b>Brush Seal</b>
	458.1555	N/A	N/A	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 1/2 inline lubricator

### TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Fitted with (Type of head)	Weight (kg)	Length (mm)	Working Height (mm)	Blows per min (BPM)	Air consumption (lps - cfm)	Noise level (db (A))	Vibration Level (Aeq m/s <sup>2</sup> )
SF1 Single Head	151.5100	N/A	55.093.01	Cruciform	2.5	485	152.5	3000	3.3 - 7	88.1	6.8
SF1 Single Head	151.5180	N/A	N/A	Single piece steel piston	2.5	485	152.5	3000	3.3 - 7	88.1	6.8
SF1 Single Head	151.5180	N/A	N/A	Single piece steel piston	2.5	485	152.5	3000	3.3 - 7	88.1	6.8
SF1 VL Single Head	196.5095	59.03.84	55.093.20	Cruciform	2.5	465	140.0	3000	4.25 - 9	92.5	3.7
SF3 Triple Head	153.5300	N/A	55.093.10	Cruciform	3.7	485	152.5	3000 x 3	5.2 - 11	92.7	13.4
SF3 Triple Head	153.5310	N/A	N/A	Beryllium Copper cruciform	3.7	485	152.5	3000 x 3	5.2 - 11	92.7	13.4
SF3 Triple Head	153.5380	N/A	N/A	Single piece steel piston	3.7	485	152.5	3000 x 3	5.2 - 11	92.7	13.4
VLSF1-EX Single Head	196.5110	N/A	N/A	Beryllium Copper taper fit cutter	2.5	515	140.0	3000	4.25 - 9	92.5	3.7
SF3-EX Triple Head	153.5310	N/A	N/A	Beryllium Copper taper fit cutter	3.7	450	152.5	3000 x 3	5.2 - 11	92.7	13.4

ATEX Certification for VL Tools

**EX II 2 G EX IIIC T4 GB**

**EX II 2 DEX H IIIC T135°C DB**

\*Certified for use in Category 2 (Dust Zone 21 / Gas Zone 1)



**SCAN HERE**  
FOR INFORMATION ON  
**SCALING HAMMERS**

**PNEUMATIC ANGLE GRINDER**



4" Angle Grinder



VL 5" Angle Grinder



VL 7" Angle Grinder

**LIGHTWEIGHT, ROBUST AND HIGH PERFORMING PNEUMATIC ANGLE GRINDERS TO SUIT A WIDE VARIETY OF GRINDING AND CUTTING APPLICATIONS.**

The Trelawny angle grinders are suitable for medium and heavy duty industrial applications.

The low vibration models are ideal for metal grinding when low noise and vibration levels are preferred.



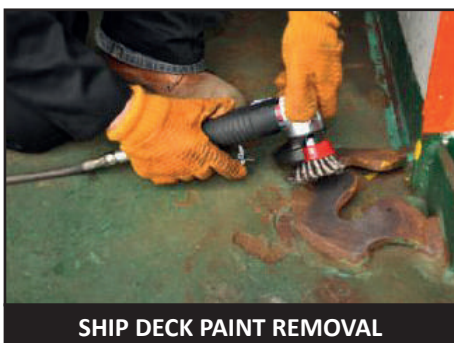
Low vibration options available

**FEATURES & BENEFITS**

- Safety trigger
- Rear exhaust\*
- 4", 5" & 7" disc grinders
- Vibro-Lo<sup>TM</sup> low vibration model
- Lightweight, ergonomic design
- Spindle lock for fast changing of discs
- Adjustable swivel guard
- 0.8 Hp/600W motor

**APPLICATIONS**

- Cutting
- Grinding
- Weld preparation
- Coatings and rust removal
- Finishing applications



SHIP DECK PAINT REMOVAL






WELD SEAM REMOVAL





PAINTING PREPARATION

## PNEUMATIC ANGLE GRINDER

### CONSUMABLES & ACCESSORIES

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	491.4050	N/A	N/A	<b>4" Disc, Pack of 5</b> To fit 4" angle grinders 170.4075 & 170.4050
	491.4070	N/A	N/A	<b>7" Disc, Pack of 5</b> To fit 7" angle grinders 170.4071
	491.4055	N/A	N/A	<b>5" Disc, Pack of 5</b> To fit 5" angle grinders 170.4054
	851.4060	N/A	N/A	<b>M10 75mm Twist Knot De-rusting Brush</b> To fit 4" angle grinders 170.4075 & 170.4050
	851.4065	N/A	N/A	<b>M14 75mm Twist Knot De-rusting Brush</b> To fit 5" angle grinders 170.4054

### TECHNICAL DATA

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Speed (rpm)	Air Consumption (lps - cfm)	Weight (kg)	Noise Level (LwA db(A))	Length (mm)	Spindle Size	Vibration Level (Aeq m/s <sup>2</sup> )	Power
4" Angle Grinder	170.4050	59.03.01	55.086.00	12,000	4.72 - 10	1.76	82.9	220	M10	5.1	0.8Hp/600W
4" Angle Grinder c/w Wire Brush Head	170.4150	N/A	N/A	12,000	4.72 - 10	1.76	82.9	220	M10	5.1	0.8Hp/600W
 Low Vibration 5" Angle Grinder	170.4054	N/A	N/A	10,000	4.72 - 10	1.7	83	230	M14	1.2	0.8Hp/600W
 Low Vibration 7" Angle Grinder	170.4071	59.03.02	N/A	7,500	3.78 - 8	3.1	90	318	5/8 unc	<2.5	0.8Hp/600W



# LARGE AREA DESCALING



**SCAN HERE**  
FOR TOOLS AND EQUIPMENT  
INTRODUCTION

**200MM DECK SCALER**

**TFP200**



**THE TFP200 DECK SCALER IS PERFECT FOR REMOVING COATINGS AND CORROSION FROM DECKS, HATCHES AND TANK TOPS.**

The rigid steel chassis ensures a strong, stable machine suitable for accurate surface preparation.

A wide range of attachments are available for light corrosion and cleaning through to heavy descaling.

Full “voyage packages” are available complete with consumables, power cables and spares to ensure work doesn’t stop.

Production rates up to 30m<sup>2</sup> per hour.



Dust control options available

**FEATURES & BENEFITS**

- 200mm cutting width
- Easy to use, maintain and manoeuvre
- Precise screw type scaling head adjustment
- Angled dust port allows connection of industrial dust collector giving virtually dust free performance
- Choice of electric, petrol and pneumatic power sources
- Supplied complete & ready to work with cutter head

- Suitable for large area descaling while remaining compact for easy manoeuvrability
- Removal of hard coatings
- Removal of coatings and scale from steel surfaces



**COATING & CORROSION REMOVAL**



**IDEAL FOR DECK MAINTENANCE**



**DUST FREE DESCALING**

# WHAT ARE THE MAIN ADVANTAGES OF OUR TFP200?

## Depth control

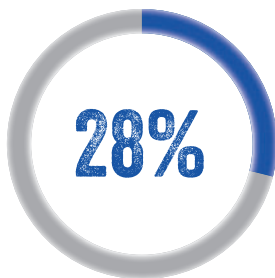
The TFP200 allows you to **control machine height**, meaning you only remove the top layer of coating or corrosion **minimizing any risk of deck damage**.

## Coating removal

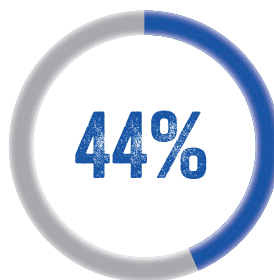
The Trelawny TFP200 is suitable for **light, medium and heavy coating removal**. You can select a drum dependant on the required **finish or profile** you seek to achieve.

## Expertise

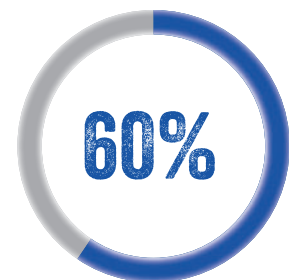
Trelawny works with major fleet owners on a **global basis** and with combined **expertise**, we achieve exceptional profiles whilst providing **long lasting quality**.



Lighter, safer and easier to deploy



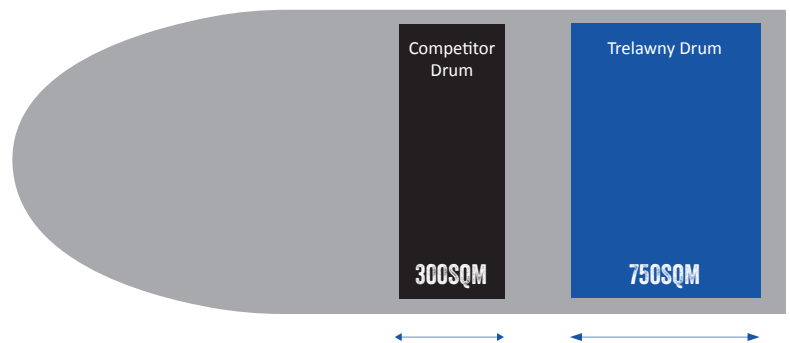
More compact than the competitor deck scaler



Savings on spares and consumables over working life

## CONSUMABLE LIFESPAN.

Trelawny consumables have an average lifespan of 750sqm-1000sqm. Typically, alternative brands have drum lifespans of around 300sqm. Our goal is to increase productivity and save money over time.



## Still using high pressure systems to prepare your tank tops?

If you require fast tank top maintenance our TFP200 offers 25-30sqm per hour of productivity with a drum lifespan of 750-1000sqm.

Low cost, high quality answer to quick maintenance.



**200MM DECK SCALER**

**TFP200**





**KEY CONSUMABLES & ACCESSORIES**

Image	Part Number	Description
	Trelawny: 320.5500 IMPA: 59.22.41 ISSA: 55.096.10	<b>Tungsten Carbide Tipped Cutters</b> For heavy deck descaling
	Trelawny: 320.3658 IMPA: 59.22.42 ISSA: 55.096.11	<b>Star Cutters</b> For the removal of paint and coatings
	Trelawny: 320.5120 IMPA: 59.22.43 ISSA: 55.096.12	<b>Beam Cutters</b> For the removal of paint and coatings
	Trelawny: 320.4140 IMPA: N/A ISSA: N/A	<b>Spacers</b> Used to create a gap in between cutters.
	Trelawny: 320.9620 IMPA: 59.22.45 ISSA: 55.096.13	<b>Twisted Wire Brush</b> For general cleaning and removal of light surface rust.
	Trelawny: 320.9137 IMPA: N/A ISSA: N/A	<b>Drive Belt</b>

Image	Part Number	Description
	Trelawny: 320.002H IMPA: 59.22.47 ISSA: 55.096.16	<b>Heavy Duty Drum</b> Complete with 12mm shafts
	Trelawny: 320.0020 IMPA: 59.22.49 ISSA: 55.096.18	<b>Cutter Shafts</b> 12mm Diameter
	Trelawny: 669.3121 IMPA: N/A ISSA: N/A	<b>110v Power Cable</b> 20 metres
	Trelawny: 669.3122 IMPA: N/A ISSA: N/A	<b>230v Power Cable</b> 20 metres
	Trelawny: 669.3124 IMPA: N/A ISSA: N/A	<b>440v Power Cable</b> 20 metres
	Trelawny: 320.9124 x2 Trelawny: 320.9123A x1 IMPA: N/A ISSA: N/A	<b>Bearings</b>

- Note: Please see page 26 for detailed information on the full TFP200 accessories range.

**TECHNICAL DATA**

Model	Trelawny Part No:	IMPA Part No:	ISSA Part No:	Power (HP - kW)	Voltage (v)	Cycle (Hz)	Cutter Speed (RPM)	Weight (Kg)	Plug Size	Cable Size (mm)	Cable Length	Engine Type	Air Consumption
 TFP200 230v TCT	320.2404T	59.22.36	55.096.03	3 - 2.2	230	50 / 60	1650	68	16 Amp	Min. 2.5 core	40m	-	-
 TFP200 400v TCT	320.2406T	59.22.37	55.096.04	3 - 2.2	400	50 / 60	1650	68	16 Amp	Min. 2.5 core	40m	-	-
 TFP200 110v TCT	320.2416T	59.22.35	55.096.05	3 - 2.2	110	60	1650	68	32 Amp	Min. 2.5 core	20m	-	-
 TFP200 Air TCT	320.2412T	59.22.31	55.096.01	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)
200	900	360	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.

## 200MM DECK SCALER - CONSUMABLES & ACCESSORIES

### TFP200

Image	Part Number	Description	Further Information
	Trelawny: 320.002H IMPA: 59.22.47 ISSA: 55.096.16	<b>Heavy Duty Drum</b> Complete with 12mm shafts	Fitted as standard on all TFP200 machines
	Trelawny: 320.0020 IMPA: 59.22.49 ISSA: 55.096.18	<b>Cutter Shafts</b> 12mm Diameter	4 Pieces Required Per Drum
	Trelawny: 320.5500 IMPA: 59.22.41 ISSA: 55.096.10	<b>Tungsten Carbide Tipped Cutters</b> 5 tips	80 Pieces Required Per Drum
	Trelawny: 320.7006 IMPA: N/A ISSA: N/A	<b>Tungsten Carbide Tipped Cutters</b> 6 tips	80 Pieces Required per Drum
	Trelawny: 320.3658 IMPA: 59.22.42 ISSA: 55.096.11	<b>Star Cutters</b>	208 Pieces Required Per Drum
	Trelawny: 320.5120 IMPA: 59.22.43 ISSA: 55.096.12	<b>Beam Cutters</b>	264 Pieces Required Per Drum
	Trelawny: 320.4140 IMPA: N/A ISSA: N/A	<b>Spacers</b> Used to create a gap in between TCT cutters	88 Pieces Required Per Drum - TCT
	Trelawny: 320.1020ST IMPA: N/A ISSA: N/A	<b>Drum Assembly</b> TCT Cutters	Consists of Drum, 4 12mm Shafts, 80 TCT Cutters & 88 Spacers
	Trelawny: 320.1020SS IMPA: N/A ISSA: N/A	<b>Drum Assembly</b> Star Cutters	Consists of Drum, 4 12mm Shafts & 208 Star Cutters
	Trelawny: 320.1020SB IMPA: N/A ISSA: N/A	<b>Drum Assembly</b> Beam Cutters	Consists of Drum, 4 12mm Shafts & 264 Beam Cutters
	Trelawny: 320.9620 IMPA: 59.22.45 ISSA: 55.096.13	<b>Drum Assembly</b> Twisted Knot Wire Brush	Consists of Drum & 21 Twisted Wire Brush Segments
	Trelawny: 320.9137 IMPA: N/A ISSA: N/A	<b>Drive Belt</b>	N/A
	Trelawny: 320.9124 x2 Trelawny: 320.9123A x1 IMPA: N/A ISSA: N/A	<b>Bearings</b>	N/A

**200MM DECK SCALER APPLICATION GUIDE**

**TFP200**

The Trelawny TFP200 Deck Scalers 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



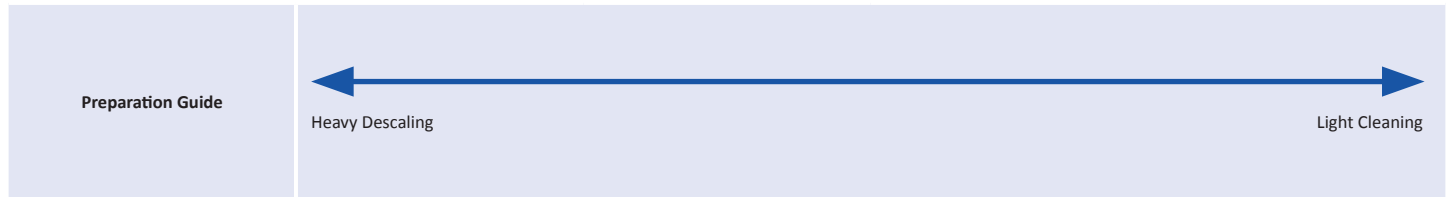
Star Cutters



Beam Cutters



Wire Brush



Removal of 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	★	★★	★★★	-
Light rust removal from tanks & deck areas	-	-	★★	★★★
Comments	Aggressive on heavy corrosion. Least favourite for light duty scale and paint removal.	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 the surface substrate.	Best for finish cleaning & polishing on steel.

**SCALEFORCE 11 PNEUMATIC DECK HAMMER**

**SF11**



**FOR FAST DESCALING 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 prior to 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



ATEX options available



Dust control options available

**FEATURES & BENEFITS**

- 11 scaling heads
- ATEX certified option available for use in potentially explosive environments
- Trelawny Vibro-Lo™ vibration reduction for operator comfort and safety
- Trelawny TVS® vacuum shroud system for protection of operators and surrounding environment fitted as standard
- A range of pistons and cutter heads available

**APPLICATIONS**

- Ship decks, tank tops, bridge decks and floating platform descaling
- Use ahead of grit blasting to rapidly breakdown coatings



**COATING & CORROSION REMOVAL**



**REMOVAL OF ANTI SKID COATINGS**



**DUST FREE DESCALING**

**SCALEFORCE 11 PNEUMATIC DECK HAMMER**

**KEY CONSUMABLES & ACCESSORIES**






Image	Part Number	Description
	Trelawny: 606.5303 IMPA: 59.03.99 ISSA: 55.095.06	Cruciform taper fit cutter head Beryllium Copper spark resistant 
	Trelawny: 612.5301 IMPA: N/A ISSA: N/A	Piston to fit cutter heads
	612.5305 IMPA: N/A ISSA: N/A	Single Piece Steel Piston
	Trelawny: 843.0752 IMPA: N/A ISSA: N/A	3/4" air hose complete with couplings 15m length

Image	Part Number	Description
	Trelawny: 614.5301 IMPA: N/A ISSA: N/A	Brush seal
	Trelawny: 446.1540 IMPA: N/A ISSA: N/A	<b>SF11 Service Kit</b> Consists of: Cruciform Scaler head x11, Piston x11, Brush Seal x11, Cap x 11, Spring Cap x11, Recoil Spring x11, Extractor Plate & Extractor Pin
	Trelawny: 458.1580 IMPA: N/A ISSA: N/A	<b>Whip Hose &amp; Oiler Assembly</b> Consists of whip hose, whip check and 3/8" lubricator

**TECHNICAL DATA**

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Cutter Heads	Air Consumption (lps - cfm)	Noise Level (db (A))	Blows Per Min (BPM)	Weight (kg)	Vibration Level (Aeq m/s <sup>2</sup> )
 SF11 Deck Hammer	159.5910	59.04.05	55.095.01	Cruciform taper fit	33 - 70	113.1	3000 x 11	38	5.76
 SF11Ex ATEX Deck Hammer 	159.5930	59.04.00	55.095.02	B.C Cruciform taper fit	33 - 70	113.1	3000 x 11	38	5.76

**DIMENSIONS**

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Working Width (mm)	Width (mm)	Height (mm)
SF11 Deck Hammer	159.5910	59.04.05	55.095.01	252	285	1230
SF11Ex ATEX Deck Hammer	159.5930	59.04.00	55.095.02	252	285	1230

ATEX Certification for VL Tools

**EX II 2 G EX IIIC T4 GB**

**EX II 2 DEX H IIIC T135°C DB**

\*Certified for use in Category 2 (Dust Zone 21 / Gas Zone 1)



**SCAN HERE**  
FOR TOOLS AND EQUIPMENT  
**INTRODUCTION**

**TRIDENT NEPTUNE DECK DESCALER**

**TN**



TRELAWNY'S PROVEN RELIABILITY OVER MANY YEARS HAS MADE THE TRIDENT NEPTUNE MACHINES THE FIRST CHOICE FOR DESCALING ON BOARD SHIPS.

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

**All machines supplied with:**

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

**FEATURES & BENEFITS**

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

**APPLICATIONS**

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



**HEAVY CHIPPING**



**RAPID DESCALING**



**WIRE BRUSHING**

## TRIDENT NEPTUNE DECK DESCALER

TN

### KEY CONSUMABLES & ACCESSORIES

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

### TECHNICAL DATA

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


### DIMENSIONS

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




**TRIDENT NEPTUNE DECK DE-SCALER CONSUMABLES**

**TN**

**6 CUTTER SCALING HEAD**

Image	Part Number	Description
	Trelawny: 340.581 IMPA: 59.12.86 ISSA: 55.082.01	Six Cutter Scaling Head
	Trelawny: 340.332 IMPA: 59.12.89 ISSA: 55.082.04	Cutter Wheel
	Trelawny: 340.575/2 IMPA: 59.12.87 ISSA: 55.082.02	Side Plates (Set of 2)

**HEAVY DUTY SCALING HEAD**

Image	Part Number	Description
	Trelawny: 340.550 IMPA: 59.12.75 ISSA: 55.078.01	Heavy Duty Scaling Head
	Trelawny: 340.347 IMPA: 59.12.79 ISSA: 55.078.06	Chipping Leaf
	Trelawny: 340.551/2 IMPA: 59.12.76 ISSA: 55.078.02	Side Plates (Set of 2)

**WIRE BRUSHES & CENTRE BOLTS**




Image	Part Number	Description
	Trelawny: 340.160 IMPA: 59.12.93 ISSA: 55.084.03	6" Power Brush
	Trelawny: 340.163 IMPA: 59.12.91 ISSA: 55.084.01	6" Twisted Knot Brush
	Trelawny: 340.167 IMPA: 59.12.95 ISSA: 55.084.05	Twisted Knot Cup Brush






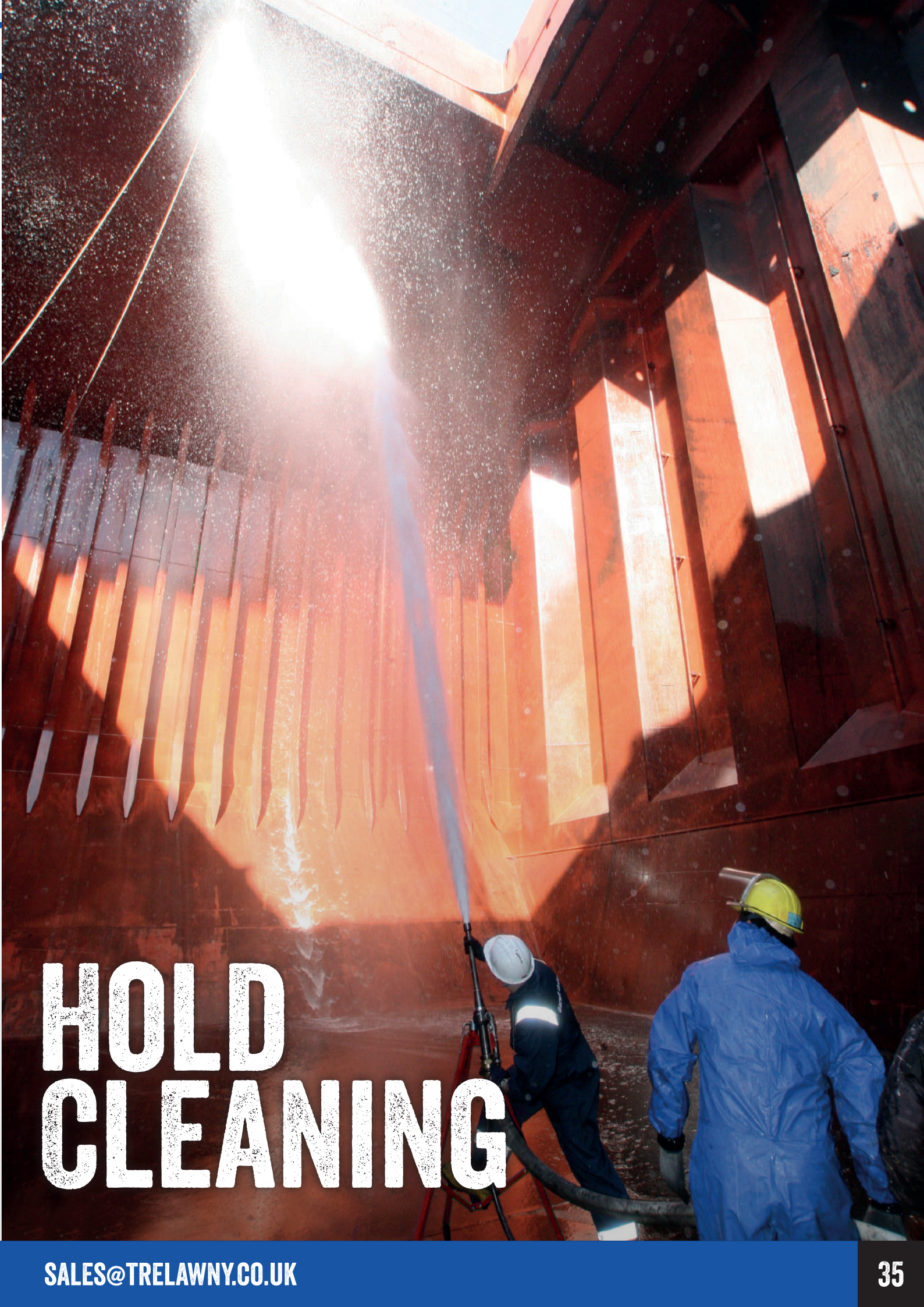
Image	Part Number	Description
	Trelawny: 340.583 IMPA: 59.12.90 ISSA: 55.082.05	Cutter Pin
	Trelawny: 340.581/A IMPA: 59.12.88 ISSA: 55.082.03	Centre Bolt

Image	Part Number	Description
	Trelawny: 340.553 IMPA: 59.12.80 ISSA: 55.078.05	Cutter Pin
	Trelawny: 340.552 IMPA: 59.12.77 ISSA: 55.078.03	Centre Bolt
	Trelawny: 340.584/50 IMPA: 59.12.78 ISSA: 55.078.04	Spacing Washer (Set of 50)

Image	Part Number	Description
	Trelawny: 340.558 IMPA: 59.12.94 ISSA: 55.084.04	Centre Bolt (For 6" Power Brush)
	Trelawny: 340.559 IMPA: 59.12.92 ISSA: 55.084.02	Centre Bolt (For 6" Twisted Knot Brush)
	Trelawny: 340.557 IMPA: 59.12.96 ISSA: 55.084.08	Centre Bolt (For 6" Twisted Knot Cup Brush)



# HOLD CLEANING

**HYDRAFLEX HOLD CLEANING GUN KIT**

**HY**



**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 CAPABLE OF REACHING UP TO 30 METRES (100FT).**

The Hydraflex is ideal for the washing down of cargo residues in holds of bulk carriers and general cargo vessels.

Furthermore, it is equally effective and time saving for other cleaning operations, for example, a low cost maintenance of difficult to reach steel or concrete super structures. Only one operator is required and indeed a labour saving device essentially to reduce maintenance costs.

**FEATURES**

- Simple one-man operation
- Optional kits available
- High quality non-corrosive materials
- Adjustable air and water pressure control valve
- Shut off ball valve for both air and water supply for increased safety and simpler operations
- Works on normal fire line and working air line on board

**APPLICATIONS**

- Hold tank cleaning
- Removal of cargo residue, flaking paint and rust



**HOLD TANK CLEANING**



**CAPABLE OF REACHING 30M**



**SIMPLE OPERATION**

**HYDRAFLEX HOLD CLEANING GUN KIT**

**HY**

**CONSUMABLES & ACCESSORIES**

Image	Trelawny Part Number	IMPA Part No.	ISSA Part No.	Description
	342.HY01	59.07.42	55.085.12	Hydraflex Hold Cleaning Gun
	342.HY02	N/A	55.085.13	Hydraflex Tripod
	342.HY03	59.07.46	55.085.14	Water Hose Coupling 2½" x 2"
	342.HY04	59.07.47	55.085.15	Water Hose Coupling 2" x 2"
	342.HY05	59.07.48	55.085.16	Instantaneous Water Hose Adaptor 2"
	342.HY07	59.07.49	55.085.17	Hydraflex Ball Valve 2"

**TECHNICAL DATA**

Model	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Recoil (kg)	Jet Reach (m - ft)	Air Consumption (lps - cfm)	Air Pressure (psi - bar)	Water Pressure (psi)	Water Hose (mm)	Air Hose (mm)
Hydraflex kit	342.HY50	55.07.42	55.085.10	10 - 18	30 - 100	33 - 70	100 - 6.9	85	50	19

- 342.HY50 kit includes: 342.HY01, 342.HY02, 342.HY03, 342.HY04 & 342.HY05



# DUST CONTROL

**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<sup>®</sup> (Tool and Vacuum System).

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

The K series range of industrial dust collector form an integral part of Trelawny's TVS<sup>®</sup> (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<sup>®</sup> 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
	303.1062	Drum Adapter HEPA Cartridge (HEPA Filter Included)
	303.1061	HEPA Filter
	303.1025/AS	14" Anti-Static Filter
	303.1050/AS	14" Anti-Static Float Assembly - Wet Use
	303.1075/AS	38 Mm X 3 M Anti-Static Hose
	303.1085/AS	38mm Anti-Static Dry Tool Kit

Image	Part Number	Description
	303.1095/AS	38mm Anti-Static Wet Tool Kit
	303.1100/AS	38mm Anti-Static Floor Tool With Brushes
	303.1105/AS	38mm X 125mm Anti-Static Dusting Brush
	303.1110	38mm Stainless Steel Taper Tube For joining hoses
	303.1005	K4 Disposable Bags - Pack Of 10 - For disposing of sealed waste such as hazardous dust
	303.1003	5 X K4 Microfibre Bags For dry use applications

**TECHNICAL DATA**

Model	Part Number	IMPA Part No.	ISSA Part No.	Capacity (litres)	Output flow (M <sup>3</sup> per h / Lt per sec)	Air Consumption (Lt per sec / cfm)	Max vacuum at 100 psi (mm H <sub>2</sub> O)	Dimensions (mm)	Weight (Kg)
KAV30 Dry	303.10KAV30/D	N/A	N/A	30	110 - 33	16 - 35	2500mm / water gauge	890 x 460 x 500	14.5
KAV30 Dry Type H	303.10KAV30/DH	N/A	N/A	30	110 - 33	16 - 35	2500mm / water gauge	1110 x 460 x 500	20.8
KAV30 Wet	303.10KAV30/WD	N/A	N/A	30	110 - 33	16 - 35	2500mm / water gauge	890 x 460 x 500	14.5

**Dry models complete with:**

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

**Wet & Dry models complete with:**

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

**ATEX Certification for KAV30**

**EX II 2 G EX IIIC T6 GB**

**EX II 2 D EX H IIIC T50°C DB**

\*Certified for use in Category 2 (Dust Zone 21 / Gas Zone 1)

**Dry Type H models complete with:**

- 38mm Tool Kit (Part No. 303.1085/AS)
- 14" Anti-Static Filter Assembly (Part No. 303.1025/AS)
- HEPA Filter Assembly (Part No. 303.1062)
- 5 X K4 Microfibre Bags (Part No. 303.1003)

**Trelawny recommends an optimum air pressure of 6 bar for maximum efficiency**

\*\* ATEX Directive 99/92/EC - referring to health and safety of workers that might be at risk from explosive atmospheres. Classifies hazardous areas into zones which for dust range from zone 20 (combustible dust present continuously or for long periods); through zone 21 (combustible dust likely occasionally) to zone 22 (combustible dust not likely to occur, or for a short period).

\*\* ATEX approved vacuums for use in gas zone 1 and dust zone 21 are available, please ask our sales team for details

\*\* It is the end user responsibility to ensure & maintain a good earth bond at the air connection point

\*\* HEPA - High Efficiency Particulate Air - filter for collection of hazardous dust



# AIR TOOL ACCESSORIES

## AIR TOOL ACCESSORIES

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

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

### AIR HOSES

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	843.0752	N/A	N/A	<b>Air Hose</b> Consists of 3/4" air hose with claw couplings - 15m
	719.3000	N/A	N/A	<b>Air Hose</b> 3/8" Bore - 30m
	421.3450	N/A	N/A	<b>Air Hose</b> Consists of air hose, 1/4" BSP male coupling, claw coupling - 2m
	421.3452	N/A	N/A	<b>Air Hose</b> Consists of air hose 3/8" BSP male coupling, claw coupling - 2m

### CONNECTORS

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	819.2375	N/A	N/A	1/4" BSP - 3/8" Stem Connector
	819.0385	N/A	N/A	3/8" BSP - 3/8" Stem Connector
	843.0770	N/A	N/A	1/2" BSP Claw Coupling Female
	843.0775	N/A	N/A	3/8" BSP Claw Coupling Male
	819.0380	N/A	N/A	3/8" Hose Tail with Claw Coupling
	819.5336	N/A	N/A	3/8" Hose Tail with Schrader Connector Male
	819.5333	N/A	N/A	1/4" BSP Schrader Connector Male
	819.5334	N/A	N/A	1/4" BSP Schrader Snap Connector Female
	821.0625	N/A	N/A	3/8" Hose Clips

## AIR TOOL ACCESSORIES

### LUBRICATORS

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	859.1530	N/A	N/A	1/4" BSP Inline lubricator
	859.1555	N/A	N/A	1/2" BSP Inline lubricator
	859.1580	N/A	N/A	3/4" BSP Inline lubricator

### LUBRICATOR ASSEMBLIES

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	458.1530	N/A	N/A	1/4" Whip Hose & Oiler Assembly Consists of of whip hose, whip check and 1/4" lubricator
	458.1555	N/A	N/A	1/2" Whip Hose & Oiler Assembly Consists of of whip hose, whip check and 1/2" lubricator
	458.1580	N/A	N/A	3/4" Whip Hose & Oiler Assembly Consists of of whip hose, whip check and 3/4" lubricator

### WHIP CHECKS

Image	Trelawny Part No.	IMPA Part No.	ISSA Part No.	Description
	815.5550	N/A	55.091.73	Safety Whip Check 1/2" - 1 1/4"
	815.5560	N/A	N/A	Safety Whip Check 1 1/2" - 3"

### PPE KIT

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

## AIR TOOL TECHNICAL INFORMATION

### AIR PRESSURE INFORMATION

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

Air pressure is commonly measured in:

■ PSI (Pounds per Square Inch)     ■ BAR

**1 BAR = 14.5 PSI**

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

Air consumption is commonly measured in:

■ CFM (Cubic Feet per minute)     ■ LPM (Litres per minute)     ■ LPS (Litres per second)

**1 CFM = 28.32 LPM or 0.47 LPS**

### AIR PRESSURE NOTES

#### FAD (Free air Delivery)

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

#### Displacement

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

#### Pressure vs consumption

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

#### Tank size

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

### AIR COMPRESSOR REQUIREMENTS

Tool / Machine	Cubic Feet Per Minute (CFM)	Litres Per Minute (LPM)	Litres Per Second (LPS)
Needle / Chisel Scalars (B/BPG)	3 - 8	85 - 227	1.42 - 3.80
Low Vibration Needle / Chisel Scalars (VL)	4 - 5.5	113 - 156	1.89 - 2.60
Long Reach Scalars (LRS)	4.5	127	2.12
Hand Held Scalars (PPT)	30	850	14.10
Handheld Scaling Hammers (SF)	7 - 11	198 - 312	3.29 - 5.17
Angle Grinders	8 - 10	227 - 283	3.80 - 4.70
Deck Scaler (TFP)	165	4,673	77.55
Deck Hammer (SF11)	70	1,982	32.90
Trident Neptune Deck Scaler (TN)	68	1,926	31.96
Hydraflex Hold Cleaner (HY)	70	1,982	32.90
Vacuums	35	991	16.45

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



IMPA was formed in 1978 by a group of senior purchasing executives who wanted to create an industry 'voice' to represent the interests of the purchasing profession within shipping and promote close co-operation and understanding between buyer and supplier. Over the past 39 years the association has grown significantly and now represents over 700 members from across the world; ship owners, operators and managers account for Purchaser members and manufacturers and ship suppliers make up Supplier members.



ISSA is the international association representing nearly 2,000 ship suppliers throughout the world. We have 43 national associations of ship suppliers as full ISSA members and associate members in 52 other countries where no national association exists. The ISSA Ship Stores Catalogue is our premier publication. In the present 2013 edition you will find every conceivable item you might need on board.

## IMPA CODES QUICK REFERENCE GUIDE

## IMPA

IMPA Part No	Trelawny Part No	Description
59.03.84	196.5095	SF1 VL S/Scaler Taper Piston
59.03.85	426.5351	Scaler Head Carbide X Form
59.03.89	606.5303	Scaler Head BeCu
59.03.98	426.5351	Scaler Head Carbide X Form
59.03.99	606.5303	Scaler Head BeCu
59.04.00	159.5930	SF11 Beryllium Spark-Res Heads
59.04.05	159.5910	SF11 Scale Force 11 Scaler
59.04.30	705.1112	Chisel 5/8" Hex 8x4 Alu-Br
59.04.45	431.3504	Scraper S/A 100mm 5/8"Hex.
59.04.50	136.3498	Long Reach Lite 4ft
59.04.51	136.3200	Long Reach Scaler 2ft
59.04.52	136.3400	Long Reach Scaler 4ft
59.04.53	136.3500	Long Reach Scaler 5ft
59.04.54	136.3600	Long Reach Scaler 6ft
59.04.55	705.1106	Chisel 5/8" Hex. 9x2
59.04.56	705.1102	Chisel 5/8" Hex. 8x4
59.04.57	431.3508	Scraper S/A 200mm 5/8 Hex
59.04.58	431.3512	Scraper S/A 300mm 5/8 Hex
59.04.59	136.3598	Long Reach Lite 5ft
59.04.60	136.3698	Long Reach Lite 6ft
59.04.81	121.2000	2B Needle Scaler
59.04.82	123.2100	2BPG Needle Scaler
59.04.83	133.3100	3BPG Needle Scaler
59.04.84	131.3000	3B Needle Scaler
59.04.85	415.3532	3mm Needle Attach For L.R.
59.04.86	452.1110	2mm Flat Needles x 100
59.04.87	453.2110	3mm Chisel Needles x 100
59.04.88	453.3110	3mm Pointed Needles x 100
59.04.89	453.1110	3mm Flat Needles x 100
59.04.92	454.1105	4mm Flat Needles x 50
59.05.00	196.2003	VL203 Needle Scaler
59.05.01	601.2002	Needle Holder 2mm 2B
59.05.02	601.2002	Needle Holder 2mm 2B
59.05.03	601.3002	Needle Holder 2mm 3B
59.05.04	601.2003	Needle Holder 3mm 2B
59.05.05	601.2003	Needle Holder 3mm 2B
59.05.06	601.3003	Needle Holder 3mm 3B
59.05.07	601.4003	Needle Holder 3mm 4B
59.05.08	601.3004	Needle Holder 4mm 3B
59.05.09	601.4004	Needle Holder 4mm 4B
59.05.10	196.3003	VL303 Challenger Needle Scaler
59.05.13	196.2203	VL203 Challenger Chisel Scaler
59.05.14	196.3203	VL303 Challenger Chisel Scaler
59.05.18	196.2103	VL223 Inline Needle Scaler
59.05.19	196.2213	VL223 Inline Chisel Scaler
59.05.81	124.2200	2B Chisel Scaler
59.05.82	125.2300	2BPG Chisel Scaler
59.05.83	135.3300	3BPG Chisel Scaler
59.05.84	134.3200	3B Chisel Scaler
59.05.91	704.1101	Chisel 1/2" sq 7x3/4
59.05.92	704.1107	Chisel 1/2" sq. 10x3/4
59.05.93	704.1103	Chisel 1/2" sq. 7x2.1/2
59.05.94	704.1105	Chisel 1/2" sq. 10x2.1/2
59.05.95	704.2105	Chisel 1/2" sq cranked
59.05.97	704.1110	Chisel 1/2" sq. 7x2 Alu.Br
59.05.98	720.2003	VL203/223 Arrester Clamp Assy
59.05.99	720.3003	VL303 Arrester Clamp Assy
59.07.40	342.HY50T	Hydraflex Kit with Base (Red)
59.07.42	342.HY50	Hydraflex Kit
59.07.46	342.HY03	Hose Coupling Water 2 1/2x21/2
59.07.47	342.HY04	Hose Coupling Water 2 1/2"x2"
59.07.48	342.HY05	Adaptor 2" BSP Instantaneous
59.07.49	342.HY07	2" Hydraflex Ball Valve
59.07.50	342.HY60A	Hydraflex Base Assembly
59.12.42	340.TN/S/220	Trident Neptune 220V 50/60Hz
59.12.75	340.550	Heavy Duty Scaling Head

IMPA Part No	Trelawny Part No	Description
59.12.76	340.551/2	Side Plate Assorted Heads 2 of
59.12.77	340.552	Bolt for 340.550/340.548 Heads
59.12.78	340.584/50	Washer For 340.550/340.548 x50
59.12.79	340.347	Chipping Leaf for Scaler
59.12.80	340.553	Pins
59.12.81	340.490/S	Trident Neptune Kit Air Power
59.12.86	340.581	6-Cutter Scaling Head
59.12.87	340.575/2	Side Plate For 340.581 Zoff
59.12.88	340.581/A	Bolt kit 340.581 Head.
59.12.89	340.332	Cutter Wheel
59.12.90	340.583	Pins For 6-Cutter Head
59.12.91	340.163	Twisted Knot Brush 6"D x 5/8"B
59.12.92	340.559	Brush Arbor for 340.163 Brush
59.12.93	340.160	Power Brush 6" Dia.
59.12.94	340.558	Brush Arbor for 340.160 Brush
59.12.95	340.167	Twist Knot Cup Brush 5/8" Bore
59.12.96	340.557	Brush Arbor for 340.166 Brush
59.12.97	340.166	Crimp Wire Cup Brush 5/8" Bore
59.12.98	340.633	Hand Guard For Trident Drive
59.12.99	340.285	Flexible Drive 9ft. x 5/8" Dia
59.19.01	704.3101	Vibro-Lo Chisel 1/2"Sq x 3/4"
59.19.02	704.3103	Vibro-Lo Chisel 1/2" 7x2.1/2"
59.19.03	704.3110	Vibro-Lo Chisel 1/2"Sq Al.Brnz
59.19.04	704.3205	Vibro-Lo 1/2" Chisel Cranked
59.19.05	704.3107	Vibro-Lo 1/2"Sq Chisel 10x3/4"
59.22.31	320.2412T	TFP200 Air TCT
59.22.34	320.2402T	TFP200 110v 1ph 50Hz TCT
59.22.35	320.2416T	TFP200 110v 1ph 60Hz TCT
59.22.36	320.2404T	TFP200 230v 1ph 50/60Hz TCT
59.22.37	320.2406T	TFP200 415V 3ph 50/60Hz TCT
59.22.41	320.5500	5 Point TCT Cutter
59.22.42	320.3658	Star Cutter
59.22.43	320.5120	Beam Cutter Single
59.22.44	320.9610	Crimped Wire Brush Assembly
59.22.45	320.9620	Twist Knot Wire Brush Assembly
59.22.47	320.002H	Drum H/Duty c/w 12mm Shafts
59.22.49	320.0020	Flail Shaft 12mm
59.22.51	194.0205	2" PPT Air C - Flaps
59.22.52	194.0405	4" PPT Air C Flaps
59.22.53	194.C205	2" PPT Air Star Cutters
59.22.54	194.C405	4" PPT Air with Star Cutters
59.22.55	195.C221	2" PPT Elec 230v Star Cutters
59.22.56	312.5200	Star Cutter
59.22.57	312.R200	Beam Cutter
59.22.58	312.MRPC	3M 2" Heavy Duty Rotopeen/C
59.22.91	438.0209	2" Cutter Hub Assembly
59.22.92	438.0409	4" Cutter Hub Assembly
59.22.93	438.0205	2" Rotopeen Hub (inc pins)
59.22.94	438.0405	4" Rotopeen Hub (inc pins)
59.25.01	418.2200	TVS Front Tube 2B/2BPG & cuff
59.25.02	418.3040	3B/3BPG Vac Take-off inc cuff
59.25.03	139.2000	2B TVS Scaler with Cuffs
59.25.04	139.2107	2BPG TVS N/Scaler NPT
59.25.05	139.3107	3BPG TVS Needle Scaler NPT
59.25.06	418.2003	TVS Vacuum Take-off VL203/223
59.25.07	418.3003	TVS Vacuum Take-off VL303
59.25.08	139.2103	VL223 TVS Needle Scaler Kit
59.25.09	139.2003	VL203 TVS Needle Scaler Kit
59.25.10	139.3003	VL303 TVS Needle Scaler Kit
59.25.21	705.1101	Chisel 5/8" Hex 9x1
59.25.22	705.2102	Chisel 5/8" Hex 4" cranked
59.25.23	708.1100	Comb Holder 5/8" Hex.
59.25.24	708.1101	Comb 1 1/2" Wide
59.25.25	431.3904	Scraper S/A 100mm Bevelled
59.25.26	431.3908	Scraper S/A 200mm Bevelled
59.25.27	431.3912	Scraper S/A 300mm Bevelled

## ISSA CODES QUICK REFERENCE GUIDE

## ISSA

ISSA Part No	Trelawny Part No	Description
55.077.01	340.TN/S/110	Trident Neptune 110V 50/60Hz
55.077.02	340.TN/S/220	Trident Neptune 220V 50/60Hz
55.077.03	340.490/S	Trident Neptune Kit Air Power
55.077.05	340.285	Flexible Drive 9Ft. x 5/8" Dia
55.078.01	340.55	Heavy Duty Scaling Head
55.078.02	340.551/2	Side Plate Assorted Heads 2 of
55.078.03	340.552	Bolt for 340.550/340.548 Heads
55.078.04	340.584/50	Washer For 340.550/340.548 x50
55.078.05	340.553	Pins
55.078.06	340.347	Chipping Leaf for Scaler
55.082.01	340.581	6-Cutter Scaling Head
55.082.02	340.575/2	Side Plate For 340.581 Zoff
55.082.03	340.581/A	Bolt kit 340.581 Head.
55.082.04	340.332	Cutter Wheel
55.082.05	340.583	Pins For 6-Cutter Head
55.084.01	340.163	Twisted Knot Brush 6"D x 5/8"B
55.084.02	340.559	Brush Arbor for 340.163 Brush
55.084.03	340.16	Power Brush 6" Dia.
55.084.04	340.558	Brush Arbor for 340.160 Brush
55.084.05	340.167	Twist Knot Cup Brush 5/8" Bore
55.084.06	340.557	Brush Arbor for 340.166 Brush
55.084.07	340.166	Crimp Wire Cup Brush 5/8"Bore
55.084.08	340.557	Brush Arbor for 340.166 Brush
55.085.10	342.HY50	Hydraflex Kit
55.085.11	342.HY50T	Hydraflex Kit with Base (Red)
55.085.12	342.HY01	Hydraflex Hold Cleaner TSPT
55.085.13	342.HY02	Hydraflex Stand (Red)
55.085.14	342.HY03	Hose Coupling Water 2 1/2"x21/2
55.085.15	342.HY04	Hose Coupling Water 2 1/2"x2"
55.085.16	342.HY05	Adaptor 2" BSP Instantaneous
55.085.17	342.HY07	2" Hydraflex Ball Valve
55.085.18	342.HY60A	Hydraflex Base Assembly
55.086.00	170.4050	4" Right Angle Air Grinder
55.089.01	111.1000	1B Needle Scaler
55.089.02	114.1200	1B Chipper
55.089.03	403.1312	3mm Be/Copper Needles x 12
55.089.04	453.1110	3mm Flat Needles x 100
55.089.05	453.2110	3mm Chisel Needles x 100
55.089.06	453.3110	3mm Pointed Needles x 100
55.089.07	452.1110	2mm Flat Needles x 100
55.091.07	121.2000	2B Needle Scaler
55.091.08	124.2200	2B Chisel Scaler
55.091.10	123.2100	2BPG Needle Scaler
55.091.11	125.2300	2BPG Chisel Scaler
55.091.12	403.1319	3mm Be/Copper Needles x 19
55.091.13	453.1110	3mm Flat Needles x 100
55.091.14	453.2110	3mm Chisel Needles x 100
55.091.15	453.3110	3mm Pointed Needles x 100
55.091.16	452.1110	2mm Flat Needles x 100
55.091.17	139.2107	2BPG TVS N/Scaler NPT
55.091.20	131.3000	3B Needle Scaler
55.091.21	134.3200	3B Chisel Scaler
55.091.21	134.3200	3B Chisel Scaler
55.091.22	133.3100	3BPG Needle Scaler
55.091.23	135.3300	3BPG Chisel Scaler
55.091.24	403.1328	3mm Be/Copper Needles x 28
55.091.25	453.1110	3mm Flat Needles x 100
55.091.25	453.1110	3mm Flat Needles x 100
55.091.25	453.1110	3mm Flat Needles x 100
55.091.25	453.1110	3mm Flat Needles x 100
55.091.26	453.2110	3mm Chisel Needles x 100
55.091.26	453.2110	3mm Chisel Needles x 100
55.091.26	453.2110	3mm Chisel Needles x 100
55.091.27	453.3110	3mm Pointed Needles x 100
55.091.27	453.3110	3mm Pointed Needles x 100
55.091.27	453.3110	3mm Pointed Needles x 100
55.091.28	452.1110	2mm Flat Needles x 100
55.091.29	454.1105	4mm Flat Needles x 50
55.091.29	454.1105	4mm Flat Needles x 50
55.091.29	454.1105	4mm Flat Needles x 50
55.091.30	141.4000	4B Needle Scaler
55.091.31	144.4200	4B Chisel Scaler
55.091.32	403.1349	3mm Be/Copper Needles x 49
55.091.32	403.1349	3mm Be/Copper Needles x 49
55.091.35	418.2200	TVS Front Tube 2B/2BPG & cuff
55.091.36	139.3107	3BPG TVS Needle Scaler NPT
55.091.37	418.3040	3B/3BPG Vac Take-off inc cuff
55.091.38	139.3003	VL303 TVS Needle Scaler Kit

ISSA Part No	Trelawny Part No	Description
55.091.39	419.3003	1/2" Chisel Holder VL303
55.091.40	196.3003	VL303 Challenger Needle Scaler
55.091.41	196.3203	VL303 Challenger Chisel Scaler
55.091.63	196.2003	VL203 Needle Scaler
55.091.64	196.2203	VL203 Challenger Chisel Scaler
55.091.65	139.2003	VL203 TVS Needle Scaler Kit
55.091.66	418.2003	TVS Vacuum Take-off VL203/223
55.091.67	196.2103	VL223 Inline Needle Scaler
55.091.68	196.2213	VL223 Inline Chisel Scaler
55.091.69	139.2103	VL223 TVS Needle Scaler Kit
55.091.70	418.2003	TVS Vacuum Take-off VL203/223
55.091.72	720.3003	VL303 Arrester Clamp Assy
55.091.73	815.5550	Whip-check (hose retaining)
55.092.01	704.1101	Chisel 1/2" sq 7x3/4
55.092.02	704.1107	Chisel 1/2" sq. 10x3/4
55.092.03	704.1103	Chisel 1/2" sq. 7x2.1/2
55.092.04	704.1105	Chisel 1/2" sq. 10x2.1/2
55.092.05	704.2105	Chisel 1/2" sq cranked
55.092.08	704.1110	Chisel 1/2" sq.7x2 Alu.Br
55.092.20	704.3101	Vibro-Lo Chisel 1/2"Sq x 3/4"
55.092.21	704.3103	Vibro-Lo Chisel 1/2" 7x2.1/2"
55.092.22	704.3110	Vibro-Lo Chisel 1/2"Sq Al.Brnz
55.092.23	704.3110	Vibro-Lo Chisel 1/2"Sq Al.Brnz
55.092.30	704.3205	Vibro-Lo 1/2" Chisel Cranked
55.092.31	704.3107	Vibro-Lo 1/2"Sq Chisel 10x3/4"
55.093.01	151.5100	SF1 Single Scaler
55.093.10	153.5300	SF3 Triple Head Scaler
55.093.12	426.5351	Scaler Head Carbide X Form
55.093.13	606.5303	Scaler Head BeCu
55.093.20	196.5095	SF1 VL S/Scaler Taper Piston
55.094.01	136.3200	Long Reach Scaler 2ft
55.094.02	136.3400	Long Reach Scaler 4ft
55.094.03	136.3498	Long Reach Lite 4ft
55.094.04	136.3500	Long Reach Scaler 5ft
55.094.05	136.3598	Long Reach Lite 5ft
55.094.06	136.3600	Long Reach Scaler 6ft
55.094.07	136.3698	Long Reach Lite 6ft
55.094.09	431.3504	Scraper S/A 100mm 5/8"Hex.
55.094.10	431.3508	Scraper S/A 200mm 5/8 Hex
55.094.11	705.1106	Chisel 5/8" Hex. 9x2
55.094.12	431.3512	Scraper S/A 300mm 5/8 Hex
55.094.14	415.3532	3mm Needle Attach For L.R.
55.094.15	705.1102	Chisel 5/8" Hex. 8x4
55.094.16	705.1100	Chisel 5/8" Hex 9x2 Alu.Br
55.094.17	705.1112	Chisel 5/8" Hex 8x4 Alu-Br
55.094.22	705.2102	Chisel 5/8" Hex 4" cranked
55.094.23	708.1100	Comb Holder 5/8" Hex.
55.094.24	708.1101	Comb 1 1/2" Wide
55.094.25	431.3904	Scraper S/A 100mm Bevelled
55.094.26	439.3524	Blade Pack 100mm x5 (bevel)
55.094.27	439.3522	Blade Pack 300mm x4 (Bevel)
55.095.01	159.5910	SF11 Scale Force 11 Scaler
55.095.02	159.5930	SF11 Beryllium Spark-Res Heads
55.095.05	426.5351	Scaler Head Carbide X Form
55.095.06	606.5303	Scaler Head BeCu
55.096.01	320.2412T	TFP200 Air TCT
55.096.02	320.2402T	TFP200 110v 1ph 50Hz TCT
55.096.03	320.2404T	TFP200 230v TCT
55.096.04	320.2406T	TFP200 400v TCT
55.096.05	320.2416T	TFP200 110v TCT
55.096.11	320.3658	Star Cutter
55.096.12	320.5120	Beam Cutter Single
55.096.13	320.9620	Twist Knot Wire Brush Assembly
55.096.14	320.9610	Crimped Wire Brush Assembly
55.096.16	320.002H	Drum H/Duty c/w 12mm Shafts
55.096.18	320.0020	Flail Shaft 12mm
55.098.01	194.0205	2" PPT Air C - Flaps
55.098.02	194.C205	2" PPT Air Star Cutters
55.098.03	195.C221	2" PPT Elec 230v Star Cutters
55.098.04	194.0405	4" PPT Air C Flaps
55.098.05	194.C405	4" PPT Air with Star Cutters
55.098.06	438.0205	2" Rotopeen Hub (inc pins)
55.098.07	438.0405	4" Rotopeen Hub (inc pins)
55.098.08	438.0409	4" Cutter Hub Assembly
55.098.09	438.0209	2" Cutter Hub Assembly
55.098.10	312.5200	Star Cutter
55.098.11	312.R200	Beam Cutter
55.098.12	312.MRPC	3M 2" Heavy Duty Rotopeen/C
55.096.10	320.5500	5 Point TCT Cutter

**KNOWLEDGE SHARING**

Trelawny's experienced staff are always pleased to advise customers on any technical or application related requirements.

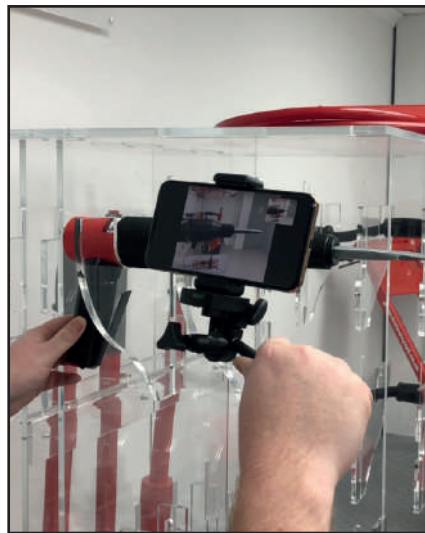
The Trelawny Customer Education Centre provides professional training, demonstration and hands on experience for its range of products.



**RELATIONSHIPS**

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.



**QUALITY FOCUSED & GLOBALLY TRUSTED**

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 reputable & highly marketable brand synonymous with quality.



**QUALITY PROCEDURES**

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: