

SURFACING THE WORLD

SURFACE PREPARATION EQUIPMENT

TRELAWNYTM
SURFACE PREPARATION TECHNOLOGY

www.trelawnyspt.co.uk

About Trelawny

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 & 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.



- Trelawny Marine Network

Trelawny serving major ports

Ports served include: Piraeus; Rotterdam; Dubai; Singapore; Shanghai; Durban; Houston; Cape Town; Panama; Antwerp; Hamburg; Bahrain and others.

Our 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 of our operations
- **To maintain:** a design programme of developing tools and solutions which fulfil customer needs and anticipate market regulations

Please contact us if you would like to represent Trelawny in your market.

REPAIR & MAINTENANCE HAND TOOLS

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REPAIR & MAINTENANCE HAND TOOLS






High power, quality design & low vibration

The Trelawny range of Low Vibration needle/chisel scalars are the preferred tool for companies seeking high performance with safe working levels of vibration. Ergonomically designed with low maintenance and quick change tooling option.

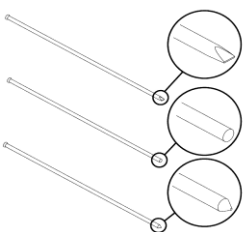
FEATURES

- Low vibration 
- Light weight, easy to handle
- Dust shroud attachments available
- Requires no additional tools for changing needles
- Quality engineered to exceed industry expectation



Always look for the Vibro-Lo label on tools designed to reduce the risk of vibration related injuries

Accessories (Needles/Chisels)



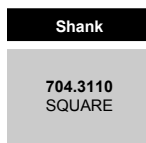


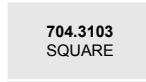

Chisel Type
Light surface marking

Flat Type
Light treatment and polishing effect

Pointed Type
Very hard scale

Beryllium Copper needles
Cold Spark for use in potentially explosive areas

Stainless Steel needles
For use in applications where corrosion or humidity presents a problem such as food processing industry

Shank	Length	Width	Application
 704.3110 SQUARE	178mm	50mm	Spark resistant Aluminum Bronze for use in hazardous areas
 704.3205 SQUARE CRANKED END	178mm	35mm	Weld flux and thick coating removal
 704.3101 SQUARE	178mm	19mm	Weld splatter removal
 704.3103 SQUARE	180mm	64mm	Wide flat chisel for the removal of rust or peeling paint
 704.3107 SQUARE	254mm	19mm	Flat chisel for weld splatter and sand cast cleaning

D Designates tools & machines designed as standard or with optional attachments for use with Trelawny range of dust collectors for the containment of hazardous & nuisance dust

TVS - Trelawny Vacuum System



Needle scalers can be fitted with dust shroud

	VL223	VL203	VL303
Shroud part number	418.2003	418.2003	418.3003
Complete tool fitted with shroud – part number	139.2103	139.2003	139.3003

Chipping Hammers



- Convertible to Low Vibration Challenger Chisel Scaler in seconds

-Challengers also available as a Kit: Kit supplied with the Challenger Needle Scaler fitted with 3mm needles together with a chisel holder, an anvil and a 3/4" blade chisel to enable the tool to be converted to the chisel scaler model

Models	VL223 Kit	VL203 Kit	VL303 Kit
Kit part number	196.2113	196.2013	196.3103

see separate accessories sheet for needle & chisel options

TECHNICAL DATA

	Challenger Range	Part No. BSP Valve	Part No. NPT Valve	Needle Qty	Weight	B.P.M (Blows per minute)	Air Consumption Litres per second - Cubic feet per minute	Noise Level LwA db(A)	Vibration Level Aeq m/s ²
In-line	VL223 Needle scaler	196.2103	199.2103	19 x 3mm	2.35kg (5.18lbs)	2400	1.89 lps (4cfm)	90.7	2.56
	VL223 Chisel scaler	196.2213	199.2213	-	2.95kg (6.5lbs)	2400	1.89 lps (4cfm)	76.3	3.69
Pistol Grip	VL203 Needle scaler	196.2003	199.2003	19 x 3mm dia.	2.7kg (6.0 lbs)	2400	1.89 lps (4cfm)	90.7	2.75
	VL203 Chisel scaler	196.2203	199.2203	-	3.2kg (7.05lbs)	2400	1.89 lps (4cfm)	76.3	3.33
	VL303 Needle scaler	196.3003	199.3003	28 x 3mm dia.	3.51kg (7.74 lbs)	3000	2.6 lps (5.5cfm)	109.5	2.3
	VL303 Chisel scaler	196.3203	199.3203	-	4.25kg (9.36lbs)	3000	2.6 lps (5.5cfm)	78.2	3.7

Needle / Chisel Scalars



High quality, original design

APPLICATIONS

- Cleaning & stress relieving weld seams and joints
- Chisel scalars for splitting, chipping, pointing and brick raking
- Removing coatings, corrosion & other accumulated materials

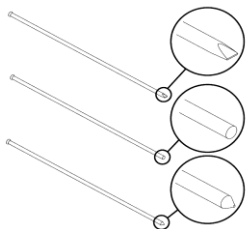
FEATURES

- Convert to chisels in seconds
- Dust shroud attachments available
- Adjustable front tube extends needle life
- Vibro-Lo versions available – *ask for details*
- Heat treated piston and cylinder ensure excellent durability and long life



Flux Chipping

Accessories (Needles/Chisels)



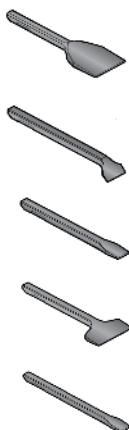
Chisel Type
Light surface marking

Flat Type
Light treatment and
polishing effect

Pointed Type
Very hard scale

Beryllium Copper needles
Cold Spark for use in potentially explosive
areas

Stainless Steel needles
For use in applications where corrosion or
humidity presents a problem such as food
processing industry



Shank	Length	Width	Application
704.1110 SQUARE	178mm	50mm	Spark resistant Aluminum Bronze for use in hazardous areas
704.2105 SQUARE CRANKED END	178mm	35mm	Weld flux and thick coating removal
704.1101 SQUARE	178mm	19mm	Weld splatter removal
704.1103 SQUARE	180mm	64mm	Wide flat chisel for the removal of rust or peeling paint
704.1107 SQUARE	254mm	19mm	Flat chisel for weld splatter and sand cast cleaning

TVS - Trelawny Vacuum System



Needle scalers can be fitted with dust shroud

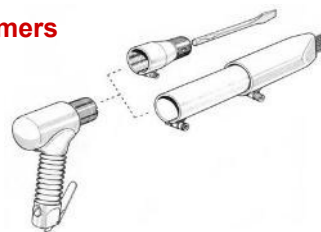
2B Part No: 418.2199

2BPG Part No: 418.2199

3BPG Part No: 418.3039

D Designates tools & machines designed as standard or with optional
attachments for use with Trelawny range of dust collectors for the
containment of hazardous & nuisance dust

Chipping Hammers



- Convertible to Chisel Scaler in seconds

- Also available as a Kit: Kit supplied with the Needle Scaler
fitted with 3mm needles together with a chisel holder, an anvil
and a 3/4" blade chisel to enable the tool to be converted to the
chisel scaler model

see separate accessories sheet for needle & chisel options

TECHNICAL DATA

	Model	Part No. BSP Valve	Part No. NPT Valve	Needle Qty	Weight	B.P.M (Blows per minute)	Air Consumption. Litres per second - Cubic feet per minute	Noise Level LwA db(A)	Vibration Level Aeq m/s ²
In-line	1B Needle scaler	111.1000	111.1099	12 X 3mm	1.6kg	3800	1.42 lps (3.0cfm)	110.4	8.5
	1B Chisel scaler	114.1200	114.1200	-	1.5kg			98.9	8.2
	2B Needle scaler	121.2000	121.2099	19 X 3mm	2.6kg	3000	2.6 lps (5.5cfm)	113.3	9.3
	2B Chisel scaler	124.2200	124.2200	-	2.0kg			98.6	17.4
Pistol grip	2BPG Needle scaler	123.2100	123.2199	19 X 3mm	2.6kg	2200	3.8 lps (8.0cfm)	113.3	12.6
	2BPG Chisel scaler	125.2300	125.2300	-	2.0kg			98.6	22.4
	3BPG Needle scaler	133.3100	133.3199	28 X 3mm	3.7kg			114.5	18.9
	3BPG Chisel scaler	135.3300	135.3395	-	3.0kg			105.1	25.6
Semi pistol grip	3B Needle scaler	131.3000	131.3099	28 X 3mm	4.5kg	1800	4.0 lps (8.5cfm)	114.5	12.2
	3B Chisel scaler	134.3200	134.3200	-	3.4kg			105.1	19.9
	4B Needle scaler	141.4000	141.4099	35 X 4mm	5.6kg	1800	4.0 lps (8.5cfm)	117.4	23.5
	4B Chisel scaler	144.4200	144.4200	-	4.0kg			99.7	45.1

Fall Arrester

Dust Shrouded Tools (TVS™)

Model	BSP Part No.	NPT Part No.
2B	-	139.2007
2BPG	-	139.2107
3BPG	139.3197	139.3107

To be used alongside **Trelawny's unique range of low vibration Needle and Chisel Scalars.**

After reacting to market demand, Trelawny have developed their new **Fall Arrester** to avoid losing/damaging tools as well as helping to prevent potential Health & Safety risks.

- **Part No. for VL303 Fall Arrester:** **720.3003**
- **Part No. for VL223 & VL203 Fall Arrester:** **720.2003**

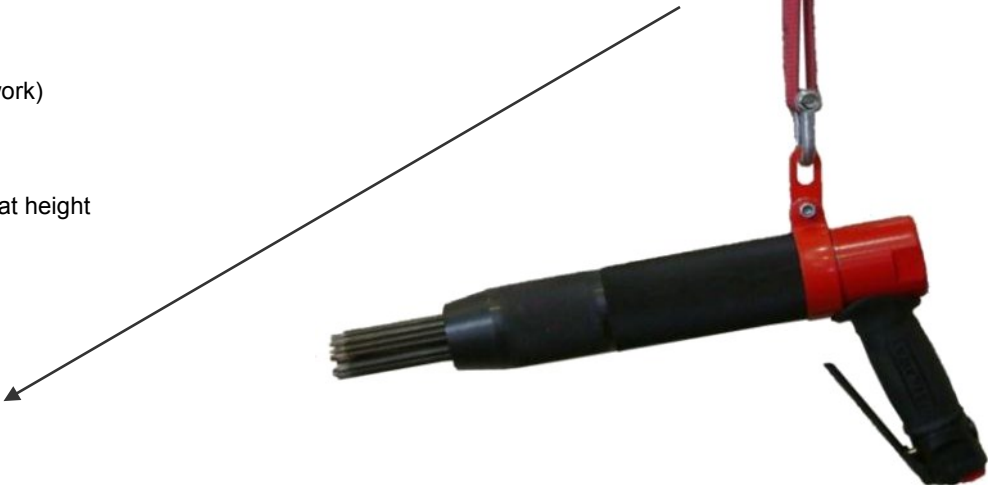
Available for both Needle and Chisel Scalars



"safety clip or line not supplied"

The **ideal accessory** for working on or around the following environments:

- Offshore platforms and rigs
- Vessels and ships
- Bridges (maintenance work)
- Scaffolding towers
- And for general working at height



Please contact Trelawny for more details



Always look for the Vibro-Lo label on tools designed to reduce the risk of vibration related injuries

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 (shown below).


Trelawny Range

Chisel Tip	Size	Description	Part No
	3mm	6 x sets of 12 needles	413.2112
	3mm	6 x sets of 19 needles	413.2119
	3mm	6 x sets of 28 needles	413.2128
	3mm	6 x sets of 49 needles	413.2149
	3mm	Box of 100 needles	453.2110
	3mm	Box of 1000 needles	443.2107



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

Flat Tip	Size	Description	Part No
	2mm	6 x sets of 29 needles	412.1129
	2mm	6 x sets of 51 needles	412.1151
	2mm	6 x sets of 65 needles	412.1165
	2mm	Box of 100 needles	452.1110
	2mm	Box of 2000 needles	442.1107
	3mm	6 x sets of 12 needles	413.1112
	3mm	6 x sets of 19 needles	413.1119
	3mm	6 x sets of 28 needles	413.1128
	3mm	6 x sets of 49 needles	413.1149
	3mm	Box of 100 needles	453.1110
	3mm	Box of 1000 needles (180mm long)	443.1107
	4mm	6 x sets of 19 needles	414.1119
	4mm	6 x sets of 35 needles	414.1135
	4mm	Box of 50 needles	454.1105
	4mm	Box of 500 needles	444.1107
	3mm	Box of 1000 needles 5" (127mm)long	443.1105
	3mm	19 x needles 5" (127mm)long	443.1115


The flat tips needles will reduce marking on metal surfaces and can actually give a **polishing effect**.
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.

Pointed Tip	Size	Description	Part No
	3mm	6 x sets of 12 needles	413.3112
	3mm	6 x sets of 19 needles	413.3119
	3mm	6 x sets of 28 needles	413.3128
	3mm	6 x sets of 49 needles	413.3149
	3mm	Box of 100 needles	453.3110
	3mm	Box of 1000 needles	443.3107
	4mm	6 x sets of 19 needles	414.3119
	4mm	6 x sets of 35 needles	414.3135
	4mm	Box of 50 needles	454.3105
	4mm	Box of 500 needles	444.3107

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.

Spark Resistant Beryllium Copper	Size	Description	Part No
 	3mm	Box of 12 needles	403.1312
	3mm	Box of 19 needles	403.1319
	3mm	Box of 28 needles	403.1328
	3mm	Box of 49 needles	403.1349
	3mm	Box of 100 needles	453.1310
	3mm	Box of 500 needles	443.1307

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

Stainless Steel	Size	Description	Part No
	3mm	Box of 100 Needles	453.1207
	3mm	Box of 500 Needles	443.1207

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 needle is undesirable.

Pack sizes

1 individual set in a box



1 carton of 6 sets



Box of 100 in **durable reusable plastic container**





Pneumatic Handheld Scaling Hammers

SF



Rust removal on ships deck using 153.5300 triple head scaler (SF3)

The Trelawny range of ScaleForce scaling hammers are the ideal tools for the removal of thick scale, heavy corrosion and hard coatings. Lightweight, easy to handle.

AREAS OF APPLICATION

- Pipes
- Ship decks
- Oil platforms
- Storage tanks
- Bridge structures

FEATURES



-Vibration reduced single head model to reduce risk of vibration related injuries






-Spark resistant beryllium copper replacement heads to reduce risk of explosion in potentially hazardous areas



-Detachable taper fit cutter head reduces cost of replacement and extends piston life

CONSUMABLES

CONSUMABLES		Part Number	To Suit ScaleForce Models	Common Tapered Piston
 Cruciform taper fit cutterhead (fitted as standard)	Tungsten carbide tipped head	426.5351	151.5100 / 196.5095 / 153.5300	612.5301
	Beryllium copper spark resistant 	606.5303	151.5110 / 153.5310	612.5301
 Bush hammer taper fit cutterhead for optional stone work	Tungsten carbide tipped head	426.5352	151.5105 / 153.5305	612.5301

Above consumables are compatible with Trelawny ScaleForce Eleven pneumatic deck hammer

TECHNICAL DATA

	Model	Tool part number (Fitted with cruciform head)	Weight	Length (mm)	Working height (mm)	B.P.M (Blows per minute)	Air Consumption (Litres per second / Cubic feet per minute)	Noise Level db(A)	Vibration Level Aeq m/s ²
Taper Fit Head	Single head (SF1)	151.5100 151.5110*	2.5kg	485	152.5	3000	3.3 lps (7cfm)	88.1	6.8
	Low vibration single head (SF1)	196.5095	2.5kg	465	140	3000	3.3 lps (7cfm)	92.5	3.7 
	Triple head (SF3)	153.5300 153.5310*	3.7kg	485	152.5	3000 X 3	3.3 lps (7cfm)	92.7	13.4
Without Taper Fit	Solid Steel Single Piston (SF1)	151.5180	2.5kg	485	152.5	3000	3.3 lps (7cfm)	88.1	6.8
	Solid Steel Triple Piston (SF3)	153.5380	3.7kg	485	152.5	3000 x 3	3.3lps (7cfm)	92.7	13.4

Air pressure: 6.2 bar

* Fitted with beryllium copper spark resistant taper fit cutter head

Pneumatic Angle Grinders



Lightweight, robust and high performing pneumatic angle grinders to suit a wide variety of grinding and cutting applications.



APPLICATIONS


- Cutting
- Grinding
- Polishing
- Smoothing
- Rust removal
- Concrete, Steel or Aluminium

FEATURES

- Safety trigger
- Rear exhaust*
- 4" & 7" Disc grinder
- Alternative handle available
- Lightweight, ergonomic design
- Spindle lock for fast changing of discs*

**Available on the Vibro-Lo™ model*

TECHNICAL DATA

Model	Vibro-Lo™ 4" Pneumatic Angle Grinder 	4" Pneumatic Angle Grinder	7" Pneumatic Angle Grinder	4" Pneumatic Angle Grinder fitted with Wire Brush Head
Part No.	170.4075	170.4050	170.4070	170.4150
Speed (rpm)	10,000	12,000	7,000	12,000
Air Consumption (cfm)	10	10	12	10
Weight (kg)	1.7	1.76	2.9	1.76
Vibration Level (m/sec²)	1.2	5.1	6.2	5.1
Sound Pressure	83.7 db(a)	82.9 db(a)	90.0 db(a)	82.9 db(a)
Length (mm)	230	220	337	220
Spindle Size	M10	M10	5/8" unc	M10
Angle Head Height (mm)	89	85	110	85
Motor Output (hp)	0.85	-	1.0	-



4" Vibro- Lo™ Pneumatic Angle Grinder
Part No. 170.4075



4" Pneumatic Angle Grinder
Part No. 170.4050



7" Pneumatic Angle Grinder
Part No. 170.4070



4" Pneumatic Angle Grinder with Wire Brush Head
Part No. 170.4150

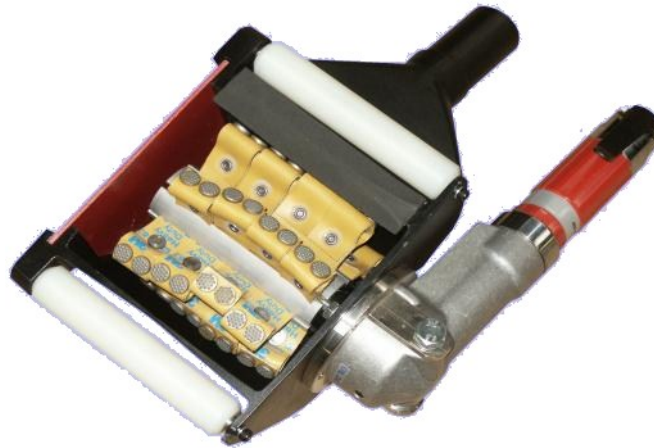
Grinder discs sold separately



SPECIAL FEATURE : LOW VIBRATION 4" MODEL



Always look for the Vibro-Lo™ label on tools designed to reduce the risk of vibration related injuries



‘The real alternative to small area shot blasting’

The PPT range of hand scarifiers utilise the 3M™ brand of rotopeen™ ‘C’ flaps to offer a captive shot method of surface preparation.

Used with the range of Trelawny TVS dust collectors, the PPT will remove hazardous materials such as lead based paints and contaminated particles rapidly and dust free.

D

APPLICATIONS

A range of steel and concrete substrates can be cleaned and prepared to provide a keyed surface using these high production tools.

Ideal for the removal of:

- Alkyds
- Mastics
- Adhesives
- Lead based paints
- Coatings corrosion




PPT being used in the process of nuclear decommissioning



Removing coatings to a bare metal finish

ACCESSORY RECOMMENDATION PER APPLICATION:


HEAVY
SCA



Star cutter

Aggressive removal of thick coatings


Part No. 312.S200



Beam cutter

Removal of hard coatings, less aggressive than star

Part No. 312.R200



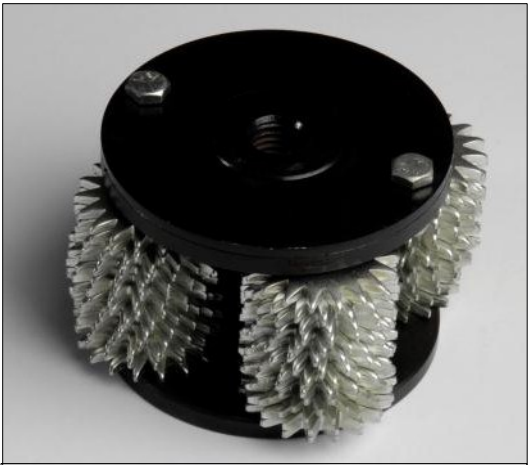
3M™ Heavy Duty Rotopeen™ 'C' type Flap

Removal of light paint and rust to a bare metal finish

Part No. 312.MRPC

APPLICATIONS

Nuclear:	-	-	- Radioactive waste removal and capture
Ships decks:	- Non-slip coatings	-	- 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 removal -Sealant removal
Pipeline maintenance:	-	-	- Protective coating removal



2" Star Cutter Hub Assembly
Part No. 438.0220



Electric model; 100mm cutting width with
Rotopeen™ 'C' Flaps
Part No. 195.1420



Designates tools & machines designed as standard or with optional attachments for use with Trelawny range of dust collectors for the containment of hazardous & nuisance dust



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TECHNICAL DATA

PNEUMATIC TOOLS

Part Number	Cutting width		Cutting Media		Power	Weight Kg	Vibration level Aeq m/s ²
	50mm	100mm	'C' Flaps	Star Cutters			
194.0205	√		√		Air	3.4	3.5
194.C205	√			√	Air	5.2	6.0
194.0405		√	√		Air	4.1	3.1
194.C405		√		√	Air	6.4	4.6

RPM for pneumatic version is 2700 RPM

Air Consumption 30cfm or 840 litres per minute

ELECTRIC TOOLS

195.1215	√		√		110v 1ph 50Hz	4.4	3.6
195.1220	√		√		230v 1ph 50Hz	4.4	3.6
195.1217	√		√		120v 1ph 60Hz	4.4	3.6
195.1415		√	√		110v 1ph 50Hz	5.23	5.2
195.1417		√	√		120v 1ph 60Hz	5.23	5.2
195.1420		√	√		230v 1ph 50Hz	5.23	5.2
195.C216	√			√	110v 1ph 50Hz	4.56	7.8
195.C217	√			√	120v 1ph 60Hz	4.56	7.8
195.C221	√			√	230v 1ph 50Hz	4.56	7.8
195.C416		√		√	110v 1ph 50Hz	6.47	7.8
195.C417		√		√	120v 1ph 60Hz	6.47	7.8
195.C421		√		√	230v 1ph 50Hz	6.47	7.8

RPM for electric version is 2000 RPM



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One tool, multiple applications

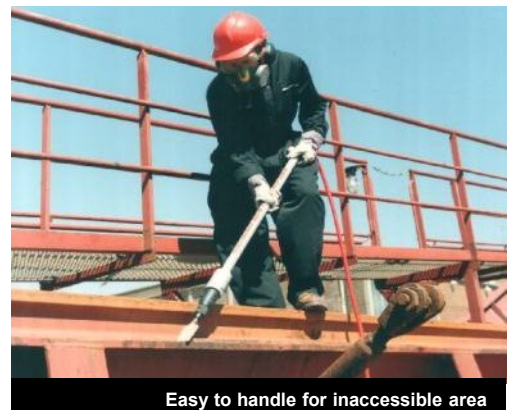
APPLICATIONS

Removal of:

- | | |
|------------|----------------------|
| -Ice | -Floor tiles |
| -Residue | -Metal slag |
| -Adhesive | -Rubber coatings |
| -Asbestos | -Roofing materials |
| -Linoleum | -Chemical spillages |
| -Carpeting | -Bituminous products |

FEATURES

- Quick change chisel release
- Unique 'LITE' weight version
- Air efficient & economical to use
- Available in 2ft, 4ft, 5ft and 6ft lengths
- Three tools in one: chipping, scraping, de-scaling



Easy to handle for inaccessible area

Three tools in one



CHIPPING



SCRAPING



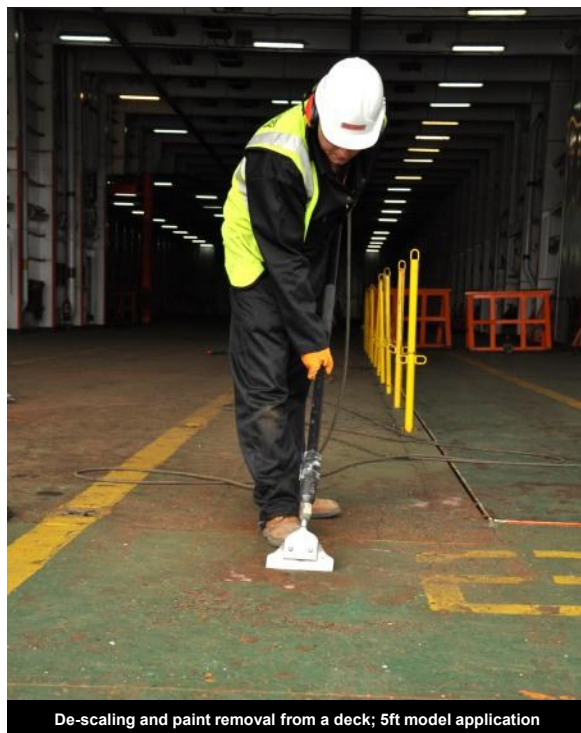
DE-SCALING



*415.3532

FOR USE IN HAZARDOUS AREAS

Spark resistant Aluminium Bronze Chisels available



De-scaling and paint removal from a deck; 5ft model application

see separate accessories sheet for needle, chisel & scraper options

TECHNICAL DATA

	Model	Part No. BSP Valve	Part No. NPT Valve	Weight	Length	B.P.M (Blows per minute)	Air Consumption (Litres per second - Cubic feet per minute)	Noise level LwA db(A)
Standard	2ft Chisel Scaler	136.3200	136.3299	4.6kg	740mm	2200	2.1 lps (4.5cfm)	84
	4ft Needle Scaler	137.3400	-	7.0kg	1220mm			104
	4ft Chisel Scaler	136.3400	136.3599	6.2kg	1100mm			84
	5ft Chisel Scaler	136.3500	136.3599	5.9kg	1400mm			86
	6ft Chisel Scaler	136.3600	136.3699	7.55kg	1710mm			86
LITE	4ft LITE Chisel Scaler	136.3498	136.3497	3.0kg	1100mm			89
	5ft LITE Chisel Scaler	136.3598	136.3597	3.4kg	1400mm			89
	6ft LITE Chisel Scaler	136.3698	136.3697	3.8kg	1710mm			84

- Air pressure: 6.2 bar

- *All models available as needle scalers by changing chisel/scraper with the needle attachment Part No. 415.3532



Trelawny offer low or cold spark alternative chisels & needles in aluminium bronze & beryllium copper materials to reduce the risk in potentially explosive areas

Long Reach Chisel/Scraper Accessories

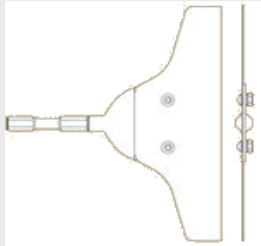
	Trelawny chisel Part No	Chisel length	Blade width	Applications
	705.1100	229mm	50mm (2")	Spark resistant aluminium bronze for use in hazardous areas
	705.1101	229mm	25mm (1")	Flat chisel for sand cast chipping
	705.1102	203mm	100mm (4")	Asphalt cutter / paint removal / general chipping applications
	705.1106	229mm	50mm (2")	Removal of linoleum from floor base
	705.1112	203mm	100mm (4")	Spark resistant aluminium bronze for use in hazardous areas
	705.2102	203mm	100mm (4")	Floor tile removal
	708.1100	203mm (8")	Comb holder	For use with comb insert
	708.1101	25mm (1")	38mm (1 1/8") Comb insert	Brick cleaning and reclamation



Symbol denotes aluminium bronze chisels for use in potentially hazardous areas

All long reach scrapers are available as **needle scalars** by changing the scraper / chisel with the **needle attachment Part No: 415.3532**



	Trelawny scraper assembly Part No	Flat edge blade pack	Bevelled blade pack	Blade width	Applications
	431.3504	439.3504 (Pack of 5)	-	102mm (4")	Adhesive and paint build up removal
	431.3508	439.3508 (Pack of 5)	-	203mm (8")	Paint and coating spillage removal
	431.3512	439.3512 (Pack of 4)	-	305mm (12")	Carpet and tile removal
	431.3904	-	439.3524 (Pack of 5)	102mm (4") Bevelled	Stubborn adhesive removal
	431.3908	-	439.3528 (Pack of 5)	203mm (8") Bevelled	Carpet and tile removal
	431.3912	-	439.3522 (Pack of 4)	305mm (12") Bevelled	Adhesive removal



Blade holder:
641.3512



Flat Edge
431.3508



Bevel Edge
431.3908

Button head screw
Part No. 806.0816
Nylon insert nut
Part No. 824.0800

Whirl-Away Rotary Scaler





Powerful electric & air machines

This tool allows the cleaning, keying and preparing indoors and outdoors walls on steel or concrete floor surfaces.

This is the perfect tool to use for refurbishment of walls for re-plastering, keying or applying sealant coats.




SPARE PARTS

Part No.	Description	
475.3144	5/8" whirl-away rotary scaler head only	
475.3145	M14 whirl-away rotary scaler head only	
475.3146	5/8" whirl-away rotary scaler head with vacuum shroud	Rotary scaler with vacuum shroud but without power source. Choose from collar sizes to the right to suit required power source 
475.3147	M14 whirl-away rotary scaler head with vacuum shroud	

COLLAR SIZES

Collar Size (mm)	Part No.
41	475.3178
46	475.3180
51	475.3182
61	475.3184
74	475.3186
Air motor collar	475.3192


CONSUMABLES

Spacing Collars Required with cutter sets below			812.1080	812.8476	675.3167
320.3110	Star cutters (steel) 49 per set		49	-	-
320.3112	Tungsten carbide tip cutter 21 per set		-	28	7
320.3114	Solid tungsten carbide cutter 28 per set		-	35	7



TECHNICAL DATA

	Model	Part No.	Weight (kg)	Voltage	Air Consumption	Power (W)	Air Pressure bar	Speed (rpm)
Electric	Whirl-away rotary scabblers 150mm 110V complete with shroud	175.3149	5.65	110V	-	1400	-	3000 (maximum)
	Whirl-away rotary scabblers 150mm 220V complete with shroud	175.3150	5.65	230V	-	1400	-	3000 (maximum)
Air	Whirl-away rotary scabblers 150mm complete with shroud	175.3147	4.95	-	8 cfm	-	6.2	2400 (maximum)

 Designates tools & machines which can be used with Trelawny range of dust collectors for the containment of hazardous & nuisance dust

DECK SCALING MACHINES



Trident Neptune Deck De-scaler



TRELAWNY Proven reliability over many years has made the Trident Neptune machines the first choice for de-scaling onboard ships.

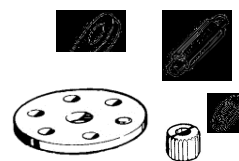
The machines will rapidly remove scale, rust, paint and other unwanted deposits, leaving a good surface suitable for priming/painting or coating applications.

FEATURES

- 25% lighter than other similar machines
- Greater portability
- Automatic thermal protection on electric models
- Protects motor from overheating and costly replacements
- Common parts with other Trident machines
- Utilise consumables you already have in stock
- Skid design base
- Stops the machine rolling around on decks
- **All machines supplied with:**
 - Flexible shaft 3 m x 16 mm (9ft x 5/8")
 - Heavy duty leaf scaling head
 - 6 cutter scaling head
 - 150mm dia (6") power brush
 - Spanner set
 - Hand guard



Air version power unit
with swivel base



A wide range
of consumables



360° Swivel Hand-Piece for
operator comfort & safety



Unique D non corrosive motor
coupling with positive locking
mechanism

TECHNICAL DATA

Model	Working Width	Weight	Length	Width	Height	Air Consumption (liters/second - cubic feet/minute)	Power	Voltage	Cutter Speed
Electric	30mm (1.2")	34kg (75lbs)	2700mm (106")	210mm (8.3")	290mm (11.4")	N/A	.75HP	110/230	2850/3450
Air	30mm (1.2")	34kg (75lbs)	2700mm (106")	210mm (8.3")	290mm (11.4")	32.1 lps (68cfm)	1.5HP	N/A	3000



6 Cutter Scaling Head
Part No. 340.581
ISSA No. 55 082 01
IMPA No. 59 12 86



Heavy Duty Leaf Scaling Head
Part No. 340.550
ISSA No. 55 078 01
IMPA No. 59 12 75

Model	Base	Trelawny Part No.	ISSA Part No.	IMPA Part No.
Air	Swivel	340.490/S	55.077.00	59 12 81
230v Electric	Swivel	340.TN/100/S	55.077.00	59 12 42
110v Electric	Swivel	340.TN/50/S	55.077.00	59 12 41
110v Electric	Skid	340.TN/S/110	55.077.00	59 12 41
230v Electric	Skid	340.TN/S/220	55.077.00	59 12 42



Coating & corrosion removal

see separate accessory sheet

Consumables



Flexible Shaft
Part No. 340.285
ISSA No. 55 077 01
IMPA No. 59 12 99



Crimped Wire Cup Brush
Part No. 340.166
ISSA No. 55 084 07
IMPA No. 59 12 97



Twisted Knot Cup Brush
Part No. 340.167
ISSA No. 55 084 05
IMPA No. 59 12 95








Crimped Wire Power Brush
Part No. 340.160
ISSA No. 55 084 03
IMPA No. 59 12 93









Twisted Knot Power Brush
Part No. 340.163
ISSA No. 55 084 01
IMPA No. 59 12 91

Trident Neptune Deck De-Scaler Consumables

6 CUTTER SCALING HEAD

Six Cutter Scaling Head	Cutter Wheel	Side Plates (Set of 2)	Cutter Pin	Centre Bolt
				
Part No: 340.581 ISSA: 55 082 01 IMPA: 59 12 86	Part No: 340.332 ISSA: 55 082 04 IMPA: 59 12 89	Part No: 340.575/2 ISSA: 55 082 02 IMPA: 59 12 87	Part No: 340.583 ISSA: 55 082 05 IMPA: 59 12 90	Part No: 340.581/A ISSA: 55 082 03 IMPA: 59 12 88





HEAVY DUTY SCALING HEAD

Heavy Duty Scaling Head	Chipping Leaf	Side Plates (Set of 2)	Cutter Pin	Centre Bolt	Spacing Washer (Set of 50)
					
Part No: 340.550 ISSA: 55 078 01 IMPA: 59 12 75	Part No: 340.347 ISSA: 55 078 06 IMPA: 59 12 79	Part No: 340.551/2 ISSA: 55 078 02 IMPA: 59 12 76	Part No: 340.553 ISSA: 55 078 05 IMPA: 59 12 80	Part No: 340.552 ISSA: 55 078 03 IMPA: 59 12 77	Part No: 340.584/50 ISSA: 55 078 04 IMPA: 59 12 78

WIRE BRUSHES

6" Power Brush	6" Twisted Knot Brush	Crimped Wire Cup Brush	Twisted Knot Cup Brush
			
Part No: 340.160 ISSA: 55 084 03 IMPA: 59 12 93	Part No: 340.163 ISSA: 55 084 01 IMPA: 59 12 91	Part No: 340.166 ISSA: 55 084 07 IMPA: 59 12 97	Part No: 340.167 ISSA: 55 084 05 IMPA: 59 12 95

BRUSH CENTRE BOLTS

Centre Bolt for 6" Power Brush	Centre Bolt for 6" Twisted Knot Brush	Centre Bolt for Crimped Cup Brush	Centre Bolt for Twisted Cup Brush
			
Part No: 340.558 ISSA: 55 084 04 IMPA: 59 12 94	Part No: 340.559 ISSA: 55 084 02 IMPA: 59 12 92	Part No: 340.557 ISSA: 55 084 08 IMPA: 59 12 96	Part No: 340.557 ISSA: 55 084 06 IMPA: 59 12 96

FLEXIBLE SHAFT complete with Hand piece and Coupling

	Part No: 340.285 ISSA: 55 077 01 IMPA: 59 12 99
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Electric



Petrol



Pneumatic

Trelawny deck planers are repeatedly chosen for being tough machines to tackle the most demanding applications of surface preparation and material removal.

Ideal for the **removal of rust, scale, paint, adhesives** and other deposits from steel surfaces in preparation for re-coating.











FEATURES

- Built in hold to run safety device
- Vacuum adaptor fitted as standard
- Fully adjustable handle-bar: provides greater operator comfort
- Choice of power source: electric, petrol and air models available
- Accurate depth control: improves overall performance & extends cutter assembly life

Accessory guide vs. applications

Various types of cutters are available to suit all the different kinds of applications



Cutters	Description	Cutter Drum Assembly
 320.3300	Tungsten Carbide Tipped Cutter – for the removal of hard scale, thick coatings & corrosion. Used also for concrete texturing and scabbling	 320.1020ST
 320.3658	Star Cutters – for the removal of paint coatings and laitance. Deck descaling	 320.1020SS
 320.3120	Beam Cutters – for the removal of paint, coatings and laitance, grease, dirt and ice deposits	 320.1020SB
 320.5600	Milling Cutter – for the removal of thermoplastic road and runway markings, bituminous and rubber deposits	 320.1020SM
 320.9622	Wire Brush – for general workshop cleaning and removal of light surface rust	 320.9620

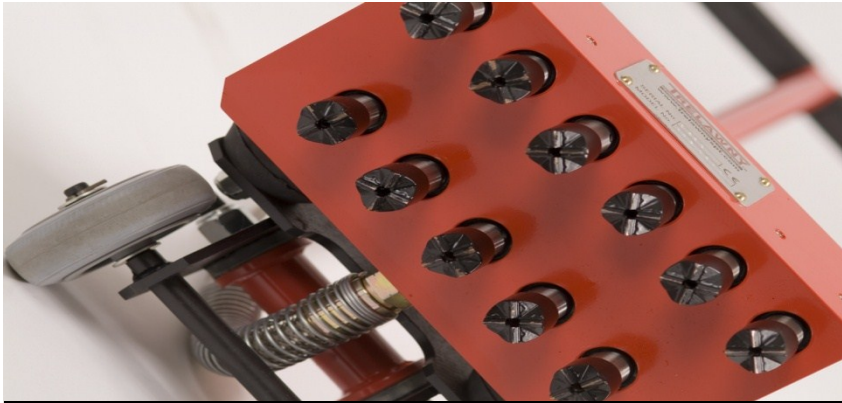
see separate accessory sheet for cutter & drum options

TECHNICAL DATA

Part No.	Petrol machine	Electric machines				Pneumatic machine
	320.2000T	320.2002T	320.2004T	320.2006T	320.2016T	320.2012T
Specifications						
Working width	195mm	195mm	195mm	195mm	195mm	195mm
Output power	5.5 Hp	3 Hp	3 Hp	3 Hp	3 Hp	3.5 Hp
Cutter speed	1833	1650	1650	1650	1650	1528
Max. cutting depth	3mm	3mm	3mm	3mm	3mm	3mm
Supply requirements						
Voltage	-	110 V	220 V	380/440 V	110 V	-
Phase	-	Single	Single	Three	Single	-
Cycle	-	50Hz	50 / 60 Hz	50 / 60 Hz	60 Hz	-
Plug size	-	32 Amp 3 pin	16 Amp 3 pin	16 Amp 5 pin	32 Amp 3 pin	-
Transformer	-	3Kva *	-	-	3Kva *	-
Cable size (mm)	-	2.5 – 4 core	Min. 2.5 core	Min. 2.5 core	2.5 – 4 core	-
Cable length	-	15 to 30m	30m	30m	15 to 30m	-
Engine type	Honda GX160 petrol	-	-	-	-	-
Air Consumption	-	-	-	-	-	78 lps (165cfm)
Dimensions						
Length	900mm	900mm	900mm	900mm	900mm	900mm
Width	350mm	350mm	350mm	350mm	350mm	350mm
Height	900mm	900mm	900mm	900mm	900mm	900mm
Weight	59kg	68kg	68kg	68kg	68kg	45kg
Vacuum take off diam.	50mm	50mm	50mm	50mm	50mm	50mm
Accessories						
30m Electric Cable	-	-	669.3150	669.3175	-	-
15m Electric Cable	-	669.3125	-	-	669.3125	-

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

- All part number specified above are for machines complete with 5 point tungsten carbide tipped cutters. For machines requiring alternative cutting media please specify.



Eleven heads gives 33,000 blows per minute

Reduce your blast media costs!

The SF11 will fracture and reduce scale, corrosion and thick coatings in minutes.

Ideal for applications on ship decks, tank bottoms, bridge decks and floating platforms. Used ahead of grit blasting to breakdown coatings, significantly reduces cost of spent blast media & increases surface preparation productivity.



Compatible with Trelawny Handheld Single Head & Triple Head ScaleForce Scalers: SF1 & SF3

FEATURES



-Vibro-Lo reduces the risk of vibration related injuries



-Spark resistant beryllium copper replacement heads reduce the risk of explosion in potentially hazardous areas



-Optional vacuum shroud reduces hazardous & nuisance dust when used with TVS approved dust collectors

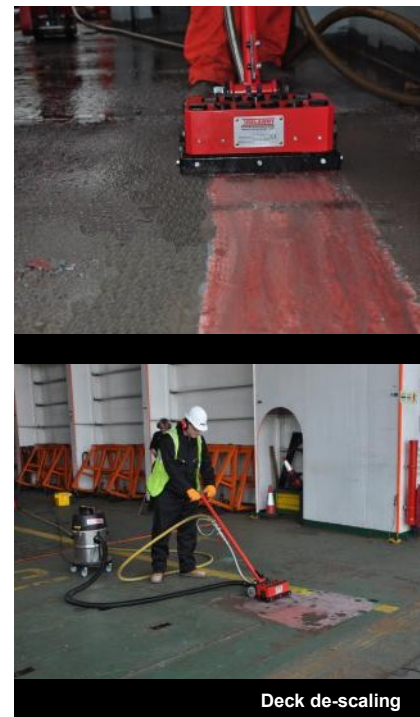


-Detachable taper fit cutter head reduces cost of replacement and extends piston life

Compact body design

With Trelawny SF11 you can access less than 12"(300mm) across for working between structures and up to 5/8"(15mm) from edges.

The low profile body and adjustable handle enables access under pipes and other constructions to 150mm.



Deck de-scaling

TVS™ - Trelawny Vacuum System

Where control of nuisance and hazardous dust is necessary Trelawny ScaleForce Eleven can be supplied with:

-vacuum shroud

Part No: 437.0110

-and pneumatic dust collector

Part No: 303.10KAV45 /WD

On model: 159.5925 – ask for details



SF11 with dust shroud (437.0110)



Dust collector (303.10KAV45 / WD)

ATEX approved
for use in
gas zone 2
&
dust zone
22

TECHNICAL DATA

Model SF11	Part No.	Weight kg	Height mm	Width mm	Cutting Width mm	B.P.M (blows per minute)	Air Consum. (litres/second – Cubic feet/minute)	Noise Level db(A)	Vibration Level Aeq m/s ²
Standard machine	159.5910	36	1210	282	252	11 x 3000	33lps (70cfm)	113.1	5.76
Machine fitted with beryllium copper heads	159.5930								
Standard machine fitted with dust shroud	159.5925	37.35							

ACCESSORIES



Cruciform taper fit cutter head

Part No. 426.5351

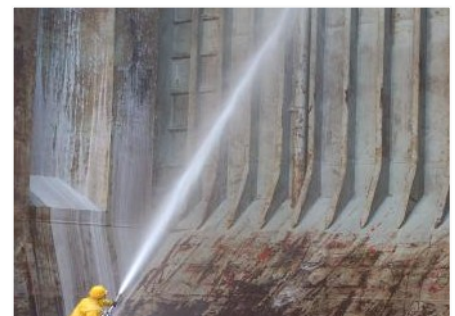
Piston to fit above cutter heads Part No. 612.5301



Beryllium copper cruciform
taper fit cutter head

Part No. 606.5303

CLEANING JET



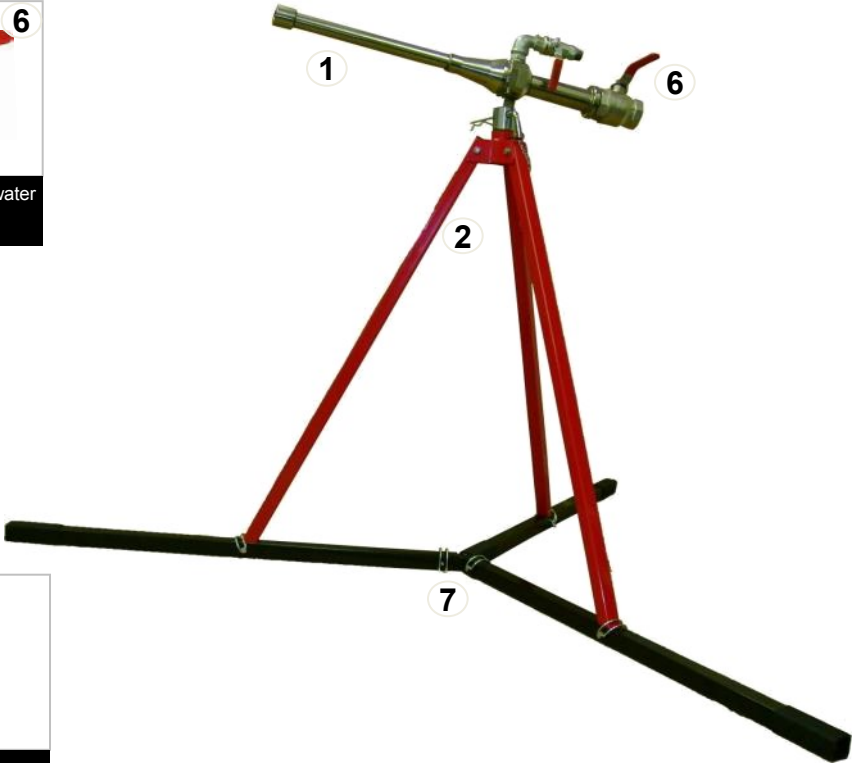
Hydraflex Hold Cleaning Gun Kit

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 metres (100ft).

FEATURES



- One man operation
- Optional kits available
- High quality non corrosive materials
- Adjustable air & water pressure control valve



Main picture represents a complete kit with the base assembly and the following items 1 2 6 7.

Part No. 342.HY50T

TECHNICAL DATA

Item	Model	Trelawny Part No.	ISSA Code No.	IMPA Code No.	Weight kg (lbs)
1	Gun	342.HY01	55.085.01	59 07 42	5.6 (12)
2	Tripod	342.HY02	55.085.02	59 07 42	9.4 (21)
3	Water Hose Coupling 2 ½ " x 2 ½ "	342.HY03	/	/	1.70 (4.3)
4	Water Hose Coupling 2 ½ " x 2 "	342.HY04	/	/	1.95 (0.75)
5	Instantaneous Water Hose Adaptor	342.HY05	/	/	0.30 (0.66)
6	Ball Valve	342.HY07	/	/	1.40 (3.10)
7	Base assembly	342.HY60A	/	/	7 (14.4)
	Standard Kit – without base (Contains items 1,2,3,4 & 5)	342.HY50	55.085.00	55.07.42	18.95 (41.77)
	Complete Kit – with base (Contains items 1,2,6 & 7)	342.HY50T	/	/	23.40 (51.59)

Recoil	10-18 kg
Effective Jet Reach	30m (100ft)
Air Consumption (Estimated)	70 cfm
Air Pressure	100 psi (6.9 bar)
Water Pressure	85 psi
Water Hose	50mm (2")
Air Hose	19mm (3/4")

DUST CONTROL



Series K Air & Electric Powered Dust Collectors

ATEX approved versions with full HEPA filter are available.

Trelawny TVS™ (tool & vacuum system) enables the collection of dry dust & debris or recovery of non-flammable liquids from the source of surface preparation equipment and hand tools to provide a safe and clean working environment.

A robust and powerful range of vacuums are available in wet or dry versions.

KAV 30 Air



KV 30 Electric



FEATURES

- HEPA filters available
- Double filtration system
- TV & radio suppressed
- ATEX certified models available
- Twin 1000 watt motors
- Floor tool kit for general cleaning work
- Thermal cut out switch to protect motors

STANDARD EQUIPMENT

KAV 30 Air

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 (**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

Dry HEPA models complete with:

- 38mm Tool Kit (**Part No. 303.1085**)
- 14" Standard Filter Assembly (**Part No. 303.1025**)
- 5 x K4 Disposable Paper Bags

KV 30 Electric

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 HEPA models complete with:

- 38mm Tool Kit (**Part No. 303.1085**)
- 14" Standard Filter Assembly (**Part No. 303.1025**)
- 5 x K4 Disposable Paper Bags

It is the end users responsibility to ensure & maintain a good earth bond at the air connection point.

ACCESSORIES

Accessories	Part No.	Description	To Fit KAV30	To Fit KV30	Antistatic Option
	303.1060	HEPA* filter (optional)	✓	✓	303.1060/AS
	303.1025	14" standard filter assembly (for dry use with paper filter or paper bag)	✓	✓	303.1025/AS
	303.1035	14" permaflow filter (optional -secondary filtration)	✓	✓	-
	303.1050	14" float assembly – wet use	✓		303.1050/AS
	303.1055	14" float assembly – wet use		✓	303.1055/AS
	303.1075	38mm x 3 metre hose	✓	✓	303.1075/AS
	303.1085	38mm dry tool kit	✓	✓	303.1085/AS
	303.1095	38mm wet tool kit	✓	✓	303.1095/AS
	303.1100	38mm multi purpose tool with brushes	✓	✓	-
	303.1105	38mm x 125mm dusting brush	✓	✓	303.1105/AS
	303.1110	38mm stainless steel double 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	✓	✓	-

✓ * **HEPA**: High Efficiency Particulate Air – filter for collection of hazardous dust

✓ Part numbers below are suffixed by 'H' for TYPE H units

TECHNICAL DATA

Part No.	Model	Recovery Capacity (litres)	Output Flow (litres/second – cubic feet/minute)	Air Consumption		Voltage	Rating (amp)	Maximum Vacuum at 100psi (mm H ₂ O)	Dimensions (cms)	Weight (kgs)
				Litres/ sec	Cubic feet/ min					
303.10KAV30/D ATEX Approved	KAV30 compressed air motor dry	30	33lps (70cfm)	16	35	-	-	2500mm/ water gauge	89 x 46 x 50	14.5
303.10KAV30/DH ATEX Approved	KAV30 compressed air motor dry with HEPA TYPE H	30	33lps (70cfm)	16	35	-	-	2500mm/ water gauge	111 x 46 x 50	20.8
303.10KAV30/WD ATEX Approved	KAV30 compressed air motor wet & dry	30	33lps (70cfm)	16	35	-	-	2500mm/ water gauge	89 x 46 x 50	14.5
303.11KV30/2D	KV30 110V twin motor dry	30	82.0 (174cfm)	-	-	110 V	16	2500mm/ water gauge	111 x 46 x 50	16
303.11KV30/2WD	KV30 110V twin motor wet & dry	30	82.0 (174cfm)	-	-	110 V	16	2500mm/ water gauge	71 x 44 x 44	16
303.11KV30/2DH	KV30 110V dry HEPA filter TYPE H	30	82.0 (174cfm)	-	-	110V	16	2500mm/ water gauge	93 x 44 x 44	26
303.22KV30/2D	KV30 230V twin motor dry	30	82.0 (174cfm)	-	-	230 V	13	2500mm/ water gauge	71 x 44 x 44	16
303.22KV30/2WD	KV30 230V twin motor wet & dry	30	82.0 (174cfm)	-	-	230 V	13	2500mm/ water gauge	71 x 44 x 44	16
303.22KV30/2DH	KV30 230V dry HEPA filter TYPE H	30	82.0 (174cfm)	-	-	230V	13	2500mm/ water gauge	93 x 44 x 44	26

Trelawny recommends an optimum air pressure of 6 bar for maximum efficiency on pneumatic models

✓ ** **ATEX** Directive 99/92/EC – referring to health & 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

Drum Top Vacuum Range



Drums not included



Drum adaptor with tangential entry

✓ to increase flow efficiency



Optional HEPA filter

✓ for the collection of hazardous dust

- Trelawny drum top vacuums are ideally suited to the bulk collection of dust, debris & non-flammable liquids from work areas & job sites, ships decks and oil platforms.
- Robust components and a flexible mounting system to suit any rims 200mm to 600mm diameter enable full utilisation of any drum.
- A modular design means air or electric, wet or dry models can be achieved.

FEATURES

- Waste can be bagged
- Modular design to suit your needs
- Optional float assembly for wet use
- Optional HEPA filter for collection of hazardous dust
- Powerful twin 1000 watt motors on electric units
- Will fit oil drums or canisters 400mm (16") to 600mm (24 ") diameter

It is the end users responsibility to ensure & maintain a good earth bond at the air connection point.

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

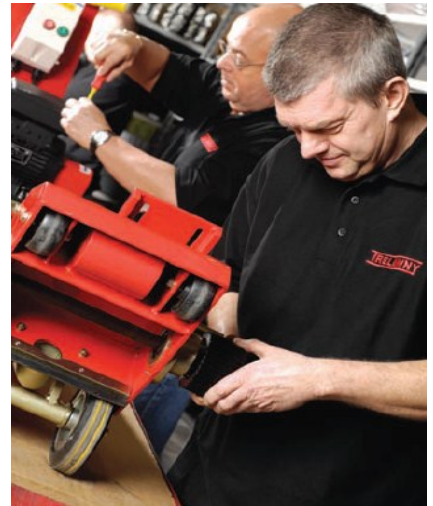
Competence means putting know how into practice. From conception through development to testing, marketing and distribution, excellence in service is a belief that permeates throughout Trelawny.

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 needs 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.



IMPA
Section 59 –
Pneumatic & electrical
tools



ISSA
Section 55 –
Power tools & equipment



SHIPSERV
members

Environmentally acceptable by design, under its trade mark Vibro-Lo, TRELAUNY 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.

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

TRELAUNY 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.



**Manufactured Locally,
Sold Worldwide**



**Your problems are
our opportunities**



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