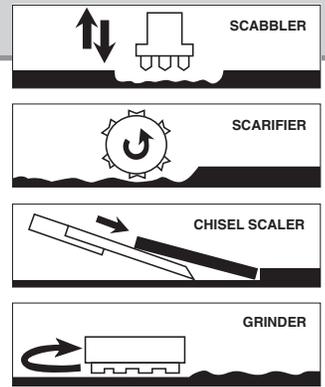


Concrete Surface Preparation

Concrete Surface Profile (CSP)

Concrete Surface Profile (CSP) is the measurement of the peaks and troughs in the surface. CSP standards are rated from 1 (smoothest) to 10 (roughest). Measured in Microns/Mils, CSP is an important consideration when preparing concrete surfaces to most effectively bond with concrete overlays and coatings. To achieve the desired CSP, it is important to select the correct surface preparation equipment for your application.



Surface Preparation Tools & Dust Collection Vacuums



Vibration Reduction Technology

CS Unitec's Trelawny™ line of surface preparation tools features many Vibro-Lo™ models with integrated vibration reduction technology to operate with 8x less vibration than standard models. Vibration damping components offset the hammer vibration when the tool impacts the workpiece, reducing the risk of vibration-related injury.



Trelawny™ tool and vacuum system (TVS™) range of products has been designed specifically to ensure the recovery of lead based paint, radioactive contaminants and other hazardous and non-hazardous materials from the source of surface preparation equipment and hand tools, which helps to provide a safer, cleaner working environment.



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Standard	p. 4	Heavy-Duty Needle/Chisel Scalers	p. 12-13
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MHS11 (11-Head)	p. 6	Low-Vibration Chisel Scalers	p. 14, 16
MHS5 (5-Head)	p. 7	ATEX Needle/Chisel Scalers	p. 17
Pole Scabblers/Tampers	p. 8	Needles	p. 18
Hand-Held Scarifiers – Rotopeen™	p. 9	Long-Reach Chisels/Scrapers/Scalers	p.19
Floor Scarifiers (Gas • Electric • Air)	p. 10-11	Dust Collection Systems and Vacuums	p. 20-21
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		Scouring and Scarifying Machine	p. 24
		Plaster Smoothing Machine	p. 24



Roughen, reduce and level concrete; prepare surfaces for coatings and finishes

CS Unitec's Trelawny™ line of pneumatic hand-held construction scabblers are ideal for roughing and reducing concrete surfaces to remove laitance and coatings and expose aggregate to allow for proper application of new materials such as textured finishes and waterproofing coatings.

- Single-head scabbler includes integrated Vibro-Lo™ vibration reduction technology
- Triple scabbler includes integrated back handle grip for comfortable operation and control
- Single-piece Tungsten Carbide Tipped pistons with Cruciform or Bush heads

Applications include:

- Scabbling concrete to expose aggregate
- Leveling concrete and block joints
- Texturing, roughing and reducing concrete
- Preparing for coatings and waterproofing compounds
- Bridge maintenance

Scabbling Hammer Accessories

	Part No.	For Model Numbers
Single-Piece Cruciform Piston	612.6000	151.6170 and 153.6150
Single-Piece Bush Piston	612.6010	151.6171 and 153.6151
Whip Check	815.5550	
Lubricators	859.1555	151.6171 and 151.6170 153.6151 and 153.6150



Bush

Bush Heads: Ideal for laitance removal, roughening concrete for resurfacing and preparing construction joints. Leaves a heavy pitted profile.



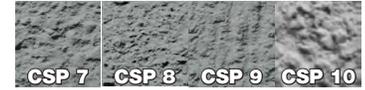
Cruciform

Cruciform Heads: Ideal for removing laitance & coatings, cruciform heads cut through material leaving a flatter finish and profile than bush heads

CS Unitec's Trelawny™ Vibro-Lo™ Single-Head Scabbler operates with 60% less vibration than standard models. This tool utilizes vibration damping components to offset the hammer vibration created when the head impacts the workpiece.



Concrete scabbling using single-head, Vibro-Lo™ Scabbling Hammer



Pneumatic

Triple Scabbler includes integrated back handle grip for operator comfort and control.



Pneumatic Hand-Held Construction Scabbling Hammers

Model	Description	Model Number	Weight (lbs.)	Dimensions (LxH)	Blows per minute	CFM @ 90 PSI	Noise Level db(A)	Vibration Levels m/s ²
VLSC1 Single Head	Bush Hammer Piston	151.6171	6.5	19" x 6.2"	2800	12	98.5	9.4
	Cruciform Piston	151.6170	6.5	19" x 6.2"	2800	12	98.5	9.4
SC Triple Head	Bush Hammer Pistons	153.6151	10.5	19" x 8.6"	8400	16	98.5	41.6
	Cruciform Pistons	153.6150	10.5	19" x 8.6"	8400	16	98.5	41.6

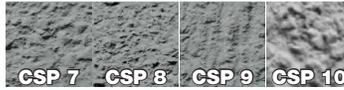


Heavy-Duty Hand-Held Scabblers



Ideal for more demanding concrete preparation and coating removal applications

CS Unitec's Trelawny™ line of pneumatic heavy-duty hand-held scabblers are ideal for more demanding scabbling applications such as the preparation of concrete cracks for repair and the removal of steel scale deposits.



- Single-head, heavy-duty scabblers include integrated Vibro-Lo™ vibration reduction technology
- Single-piece Tungsten Carbide Tipped pistons with Cruciform or Bush heads
- Optional dust shroud for dust and debris collection

Applications include:

- Prepare concrete cracks for repair
- Texturing, roughing, reducing and leveling concrete
- Scabbling concrete to expose aggregate
- Preparing for coatings and waterproofing compounds
- Removing steel scale deposits



Pneumatic Hand-Held Construction Scabbling Hammers

Description	Model No.	Handle Type	Dimensions (LxH)	Weight (lbs.)	CFM @ 90 PSI	Noise Level db(A)	Vibration Levels (m/s ²)
SH1 Single Head – 2900 Blows per minute							
TCT Bush Hammer Piston	151.5250	Long	19" x 6.2"	5	6.5	94	26
TCT Cruciform Piston	151.5200	Long	19" x 6.2"	5	6.5	94	26
TCT Cruciform Piston	199.6190	Short	9.25" x 6"	4.5	6.5	94	26
SH1 w/ Short Handle, Cruciform Piston and Vacuum Shroud, order p/n 139.5190. SH1 w/ Long Handle, Cruciform Piston and Vacuum Shroud, order p/n 139.5192							
VLSH1 Low-Vibration Single Head – 2900 Blows per minute							
TCT Bush Hammer Piston	196.5105	Long	19" x 6.2"	5	9	91	4.5
TCT Cruciform Piston	196.5100	Long	19" x 6.2"	5	9	91	4.5
SH3 Triple Head – 7200 Blows per minute							
TCT Bush Hammer Piston	153.5250	Long	19" x 6.2"	11.5	15.9	98	8.7
TCT Cruciform Piston	153.5200	Long	19" x 6.2"	11.5	15.9	98	8.7
TCT Cruciform Piston	199.6390	Short	9.25" x 6"	7	15.9	98	8.7
SH3 w/ Short Handle, Cruciform Piston and Vacuum Shroud, order p/n 139.5190. SH3 w/ Long Handle, Cruciform Piston and Vacuum Shroud, order p/n 139.5392							

Heavy-Duty Scabblers Accessories

	Part No.	For Model Numbers
Single-Piece Cruciform Piston	612.5320	151.5200, 199.6190, 196.5100, 153.5200 and 199.6390
Single-Piece Bush Piston	612.5325	151.5250, 196.5105 and 153.5250
Whip Check	815.5550	
Lubricators	859.1530	Single-Head Scabblers
	859.1555	Triple-Head Scabblers
Vacuum Shroud*	437.5100	151.5200 and 151.5250
	437.5300	153.5200 and 153.5250

* Not available for low-vibration models



Reduce dust and hazardous particles in work area with optional vacuum shroud for Single and Triple Head Heavy-Duty Hand-Held Scabblers (left).

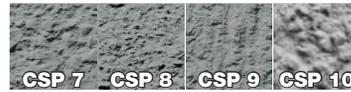


See page 21 for dust extraction systems.

Pole Scabblers/Tampers



With pole lengths of 50" and 55", CS Unitec's Trelawny™ pole scabblers allow for the fast removal of material with a wide range of interchangeable scabbling heads, and the backfilling of small areas with tamper feet.



The low-vibration Model VL LRS55 operates with 8x less vibration than standard models for greater productivity and improved operator comfort.

CS Unitec offers interchangeable scabbling heads and tamper feet to suit most applications.



- Long handles for extended reach into hard-to-access areas
- Production rates of up to 130 sq. ft./hour
- Interchangeable scabbling heads and tamper feet
- Integrated Vibro-Lo™ low vibration technology
- Angled air inlet to direct hose away from operator
- Hand guard to protect user



VL LRS55



LPS55



Applications include:

- Heavy scabbling of hard-to-access areas
- Scabbling of corners, edges and joints
- Aggressive keying without damaging substrate

Pole Scabbling/Tamper Accessories

5-Point Bush Scabbling Head (includes fit pin)	441.5359
9-Point Bush Scabbling Head (includes fit pin)	441.5369
Cruciform Scabbling Head (includes fit pin)	441.5360
Round Compactor Foot (5" diameter)	450.5017
Square Compactor Foot (4" x 4")	450.5011
Compactor Foot (6" x 5")	450.5013
Compactor Foot (4" x 8")	450.5016
Whip Check	815.5550

Low-Vibration Pole Scabbling/Tamper

Model	Description	Model Number	Weight (lbs.)	Length	Cutter Life	Blows per min.	CFM @ 90 PSI	Vibration Levels Aeq m/s ²
VL LRS55 	5-Point Scabbling Head	150.5320	47.5	50"	12,000 sq. ft.	1300	25	4.2
	9-Point Scabbling Head	150.5321	47.5	50"	12,000 sq. ft.	1300	25	4.2
	5" Round Compactor Head	150.5331	47.5	50"	12,000 sq. ft.	1300	25	3.5
	4"x4" Compactor Foot	150.5330	47.5	50"	12,000 sq. ft.	1300	25	3.5
	6"x5" Compactor Foot	150.5335	47.5	50"	12,000 sq. ft.	1300	25	3.5

Standard Pole Scabbling/Tamper

Model	Description	Model Number	Weight (lbs.)	Length	Cutter Life	Blows per min.	CFM @ 90 PSI	Vibration Levels Aeq m/s ²
LPS55	5-Point Scabbling Head	150.5001	29.5	55"	12,000 sq. ft.	1100	24.6	35.0
	9-Point Scabbling Head	150.5002	29.5	55"	12,000 sq. ft.	1100	24.6	35.0
	5" Round Compactor Head	150.5031	28.6	55"	12,000 sq. ft.	1100	24.6	44.5
	4"x4" Compactor Foot	150.5030	28.6	55"	12,000 sq. ft.	1100	24.6	43.0
	6"x5" Compactor Foot	150.5021	29.75	55"	12,000 sq. ft.	1100	24.6	43.6