

# VL-EX NEEDLE & CHISEL SCALERS



VL303Ex Needle



VL223Ex Needle



VL303Ex Chisel



ATEX Certified



Low Vibration



Dust control

## THE VL-EX SERIES IS BASED ON TRELAWNY'S VL RANGE OF LOW VIBRATION SCALERS

Certified for use in Gas Zone 1 and Dust Zone 21, VL-Ex Needle and Chisel Scalpers provide the safest option for surface preparation work without the need for additional hot work permits or costly containment measures.

Additionally, unique vibration reduction technology reduces vibration levels by more than 8 times when compared to conventional needle scalers.

Optional dust containment and drop protection provide operators with the safest option for working in hazardous environments where explosion, hazardous materials and access risks are all a serious consideration.

Trelawny VL-Ex ATEX Classification:

**EX II 2 G EX H IIC T4 GB**

**EX II 2 D EX H IIC T135 °C DB**

\*Certified for use in Gas Zone 1 and dust Zone 21

## FEATURES

- Pistol grip and in-line configurations suit all applications
- ATEX certified for use without hot work permits
- Ultra low vibration (<2.8 m/s<sup>2</sup>) protects operators
- Needle and chisel models for effective cleaning and heavy chipping
- Low air consumption keeps operating requirements low
- Simple maintenance with no special tools required keeps downtime low
- TVS kits available with dust control and drop protection for added safety

## APPLICATIONS

- Removal of coatings, corrosion and other accumulated materials
- Coating spot repairs
- Weld cleaning
- Machinery and equipment cleaning in plants and factories
- For Gas Ex Zone Applications on rigs, petrochemical plants, pipelines, vessels and shipyards
- For Dust Ex Zones Applications such as cleaning machinery in processing industries where dust and powders are present.



OPTIONAL DROP PROTECTION KIT



PAINT REMOVAL



CORROSION REMOVAL

## KEY CONSUMABLES & ACCESSORIES

Image	Trelawny Part No:	IMPA Part No:	ISSA Part No:	Description
	418.2003 418.3003	59.25.06 59.25.07	55.091.66 N/A	TVS Vacuum Shroud to fit VL203Ex/VL223Ex Needle Scalers TVS Vacuum Shroud to fit VL303Ex Needle Scaler
	704.3110	59.19.03	55.092.23	Spark Resistant Aluminium Bronze 2" Chisel for use in Hazardous Areas
	446.2003x 446.3003x 446.2203x 446.3303x	N/A N/A N/A N/A	N/A N/A N/A N/A	VL203Ex/VL223Ex Needle Scaler Service Kit VL303Ex Needle Scaler Service Kit VL203Ex/VL223Ex Chisel Scaler Service Kit VL303Ex Chisel Scaler Service Kit
	403.1319 403.1328	N/A N/A	55.091.12 55.091.24	Beryllium Copper Needles 3mm Chisel Tip - Box of 19 Beryllium Copper Needles 3mm Chisel Tip - Box of 28
	512.3003 (VL303) 512.2003 (VL203/223)	N/A N/A	N/A N/A	Drop Protection kits includes Fall Arrester 720.3003 (VL303) 720.2003 (VL203/223) Lanyard 415.3003
	601.2030 601.3030	N/A N/A	N/A N/A	VL203Ex/VL223Ex Needle Holder (19 x 3mm) VL303Ex Needle Holder (28 x 3mm)
	712.2003 712.3003	N/A N/A	N/A N/A	VL203Ex/VL223Ex Front Spring VL303Ex Front Spring
	421.3530X	N/A	N/A	Anti-Static Air Hose 10 Meters.

## TECHNICAL DATA

Model	Trelawny Part No.	Type	Needle/Chisel supplied	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> )
VL223Ex Needle	196.2107	In-line	19 x 3mm	2.35	2400	1.89 - 4	¼	90.7	2.56
VL223Ex Chisel	196.2117	In-line	50mm Chisel	2.95	2400	1.89 - 4	¼	76.3	3.69
VL203Ex Needle	196.2207	Pistol Grip	19 x 3mm	2.7	2400	1.89 - 4	¼	90.7	2.75
VL203Ex Chisel	196.2217	Pistol Grip	50mm Chisel	3.2	2400	1.89 - 4	¼	76.3	3.33
VL303Ex Needle	196.3007	Pistol Grip	28 x 3mm	3.51	3000	2.6 - 5.5	¼	109.5	2.3
VL303Ex Chisel	196.3017	Pistol Grip	50mm Chisel	4.25	3000	2.6 - 5.5	¼	78.2	3.7




# VL-EX NEEDLE & CHISEL SCALERS

## ATEX KITS

Trelawny's VL-Ex series are supplied as standard in a heavy duty plastic case. The kit consists of:

- Option of VL-EX 203/223/303 Low Vibration ATEX Needle Scaler
- Spare set of Beryllium Copper Needles
- TVS Vacuum Shroud
- Fall Arrestor
- Corner Cuff
- Edge Cuff
- Flat Cuff
- Operator Guide



Image	Trelawny Part No.	Description
	139.2403	VL203Ex Needle TVS ATEX Kit
	139.2423	VL223Ex Needle TVS ATEX Kit
	139.2433	VL303Ex Needle TVS ATEX Kit

## ATEX LOW VIBRATION AND DUST FREE SCALING SYSTEM



Drop Protection



Low Vibration



Dust control options available



ATEX Certified