

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 PRINCIPLE 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

- 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

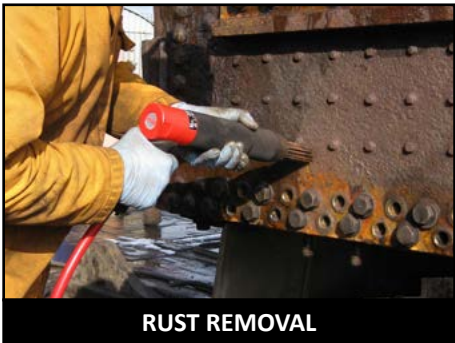
- Removal of coatings, corrosion and other accumulated materials
- Slag removal and stress relieving welds
- Cleaning steelwork and machinery
- Spot repairs



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                     |

- 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

| 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 In-line Lubricator Assembly<br>Consists of whip hose, whip check and ¼ lubricator |

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/s²) |
|-----------------|-------------------|---------------|---------------|-------------|-----------------|-------------|---------------------|-----------------------------|----------------------|-------------------------|----------------------------|
| 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                        |