

VIBRO-LO™

PNEUMATIC NEEDLE AND CHISEL SCALERS



FEATURES AND BENEFITS

VIBRO-LO™ NEEDLE SCALERS

**CHISEL, NEEDLE AND BERYLLIUM COPPER NEEDLE OPTIONS.
SPECIALITY KITS AND SPARES PACKAGES.**



**28 NEEDLES
PISTOL GRIP**

VL303

WHAT ARE NEEDLE SCALERS?

Needle scalers are versatile surface preparation tools for the removal of rust, paint, scale, concrete, texturing and cleaning.

VL203

HOW DO THEY WORK?

Reciprocating hardened steel needles impact the surface thousands of times per minute quickly removing built up materials, they are especially good at cleaning irregular or hard to access surfaces.



**19 NEEDLES
PISTOL GRIP**



**19 NEEDLES
IN-LINE**

VL223

WHY ARE THESE THE BEST ON THE MARKET?

The Vibro-Lo™ range are pneumatically driven, high performing, low vibration tools which are available in a wide range of configurations and options.



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INDUSTRIES WE SERVE



KEY TARGET MARKETS

- Equipment rental companies
- Powerplants
- Concrete repair contractors
- Utilities
- Oil and gas
- Infrastructure maintenance contractors
- Ship repair yards
- Industrial painting contractors
- Lead abatement contractors
- Asbestos abatement contractors
- Ship owners/managers
- Ship builders
- Navy/Coast Guard
- Petro-chemical refineries
- Bridge maintenance
- Environmental contractors
- Railway maintenance facilities
- Demolition contractors

OTHER TARGET MARKETS

- Chemical manufacturing & processing plants
- Foundries
- Steel erectors
- Construction material plants
- Precast factories
- Natural stone factories
- Cement plants
- Generating stations
- Pulp and paper mills
- Concrete block plants
- Pharmaceutical plants
- Fabricated companies
- Sheet metal manufacturers
- Primary metal manufacturers
- Waste water treatment plants
- Food and beverage processing



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KEY FEATURES AND BENEFITS

SIMPLE DESIGN AND CONSTRUCTION

- Less to go wrong
- Easy to repair
- Fully rebuildable
- Not a throwaway tool
- Spares easily available
- No special tools required

DROP PROTECTION

- Eliminate risk from tools being dropped from height
- Meet OSHA /HHS legislation
- Reduce injuries and even risk to life.
- Reduce tool damage and loss.



LOW VIBRATION

- Increase comfort for operator
- Increased working hours (8 hrs +*)
- Reduce operator fatigue
- Meet OSHA / HHS legislation
- Corporate responsibility
- Increased productivity
- Reduce downtime
- Remove risk of claims for injuries



ATEX OPTION

- Can be used in Ex Environments*
- Less restriction to sell
- Safer than the competition
- Gives assurance to clients



LOW AIR CONSUMPTION

- Run more tools from one compressor
- Increase productivity
- Use a smaller compressor
- More efficient use of the tool



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ven risk to life!
and loss



CONVERTS TO CHISEL SCALER

- Two tools in one
- Suit multiple applications
- Sold in kits or as separate tools



TVS



- Meet OSHA / HHS legislation
- Reduce clean up time
- Enable fast and clean set up and completion of time sensitive projects
- Capture lead paint and other hazardous materials



NEEDLE OPTIONS

- Wide range of options for multiple applications
- Beryllium Copper needles for Ex Zone applications
- Stainless steel for corrosive environments and special applications



APPLICATIONS



MOST COMMON APPLICATIONS

- Ships
- Barges
- Offshore platforms
- Land rigs
- Steel bridges
- Railroads
- Street signs & Fixtures
- Rail stations
- Rolling stock
- Tanks
- Chemical plants
- Marine structures such as piers, buoys and lighthouses
- Construction equipment
- Agricultural machinery
- Excavator tracks
- Locomotives
- Concrete plants
- Mixing machinery
- Paint shops
- Welding and fabrication
- Pipe lines
- Pylons
- Concrete surface preparation
- Stone finishing
- Aesthetic architectural finishes

HOW LONG DO NEEDLES LAST?

This depends on usage and the operator, in light applications the needles can last over **100 hours**, in general we would expect between 50-100 hours.

WHAT TYPE OF NEEDLE IS FITTED AS STANDARD?

All VL tools are supplied with 3mm x 180mm special chisel tip needles, VL Ex tools are supplied with Beryllium copper non sparking needles.

WHAT SIZE NEEDLE PACKS ARE AVAILABLE?

Needles are available in packs of 6 sets or bulk qty's of 100 & 1000 pcs.

WHAT SPARES SHOULD I OFFER?

Service kits include all the key wear parts and we recommend one with each tool.

WHAT IS THE 6MM PLASTIC BALL FOR?

The 6mm ball sits in the cylinder stem, it is a working part and will wear between 100-150 hours, it is a common cause of the tool not running and should be regularly checked and replaced.

We recommend supplying an inline oiler to keep the tool lubricated and reduce wear.

WHAT IF IT IS IN A EX ATMOSPHERE?

All the KAV pneumatic vacuums are rated to the same Gas zone as the VL Ex scalers. See our flyer on Ex surface preparation tools for more information.

WHAT COMPRESSOR DO I REQUIRE?

The chosen compressor must be able to supply enough air to run the tool and any other equipment being used. Air consumption is measured in either CFM (Cubic feet per minute) LPS (litres per second) LPM (Litres Per Minute). You must ensure that the compressors output is rated as FAD (Free Air Delivery) and it should supply enough air for the tool at 90PSI.

WHAT ABOUT LUBRICATION?

The tool should be kept lubricated at all times, we recommend using an in-line oiler if the tool is being continuously used for periods of time in site conditions.

DOES THE TOOL NEED ANY SPECIALIZED MAINTENANCE OR TOOLS?

No the tools can be easily disassembled with minimal tools, Trelawny training videos and web based training can assist.

WHAT IF THE TOOLS ARE BEING USED WITH HAZARDOUS COATINGS?

When being used with hazardous coatings consider using a vacuum shrouded model to assist with containment of hazardous materials. Other needle types are available

WHICH VACUUMS ARE RECOMMENDED FOR HAZARDOUS COATINGS?

The tools should be used with our K series vacuum range fitted with a HEPA filter

WHAT AIR PRESSURE DO THE TOOLS RUN AT?

All tools are designed to run at 90PSI, this is very important as damage can be caused by both low and high pressure.



ALWAYS USE GENUINE TRELAWNY TOOLS, SPARES AND ACCESSORIES

**GET IN TOUCH TO FIND
OUT HOW TRELAWNY
DELIVERS THE
PERFECT FINISH**

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