



## **BTI's Revolutionary**

### **Vibratory Pick Scaling Head**

*This attachment brings mechanical scaling to a new level by combining the action of a pry-bar, pick and breaker into a simple robust attachment that increases productivity while reducing operator fatigue and stress to the carrier.*

## **Features & Benefits**

**Extremely Narrow Design and Raised Orientation of Tooth** provide excellent operator visibility and dexterity during all scaling modes. No more guessing where the tool is, as is the case with conventional scaling breakers.

**Pivoting Tooth Action at All Angles** provides full transmission of breaker impact energy to the tooth without binding.

**Distinct Head Design with Pry Point** turns the vibratory pick into a pry-bar which quickly removes loose material.

**Replaceable Engaging Teeth and Breach Access System** allows for quick "in the field" inspection of striker plate and tappet, giving the operator the ability to quickly replace all consumable wear parts.

**Large Diameter Pivot Pin and Guide System** allows for full transmission of the carrier's cylinder forces through the pick.

**Fully Enclosed Boxed Housing** with floating breaker design and shock absorbing recoil system provides excellent structural integrity, eliminate breaker vibration to carrier and operator. BTI's breaker within a scaling pick provides versatile scaling in a single lightweight unit.

**Variable Nitrogen Energy Charge and Oil Flow** allows tuning of impact energy and frequency to match individual ground conditions, preventing over-scaling or mining of scaling surface.

**Anti-blank Firing System** protects breaker and tappet system, ensuring that the ground-engaging tool is in full contact with the scaling surface before the breaker fires.

**Choice of Ground Engaging Tooth Configurations** provides maximum production rates and excellent finished ground condition.

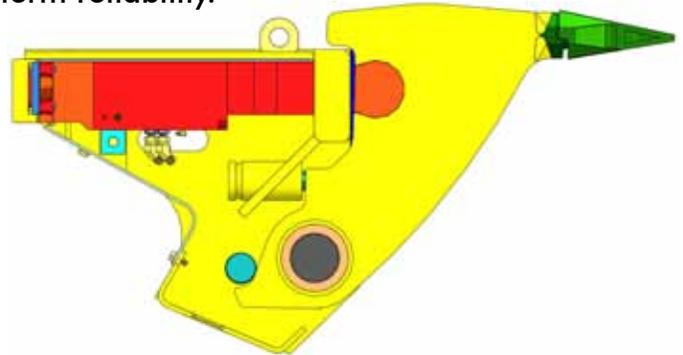
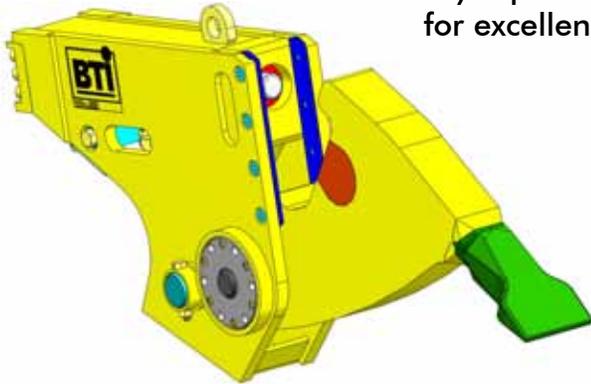
# **Vibratory Pick Scaling Head**



Abrasion resistant plating provides excellent protection to breaker, hoses and pick, for long-term maintenance-free service.

# Vibratory Pick Scaling Head Attachment

Fully replaceable pins and bushings for excellent long-term reliability.



Flow Rate	10-15 US gpm / 38-58 lpm
Operating Pressure	1,400 psi - 2,275 / 100-160 bar
Operating Frequency	730 - 1,120 bpm
Impact Energy	100-375 ft lbs / 135-510 joules
Operating Weight*	2,200 lbs/ 1,000 kg
Carrier Sizing	33,000 - 88,000 lbs / 15 - 40 tonne

Note: \*Operating weight may differ depending on final mounting configuration.

BTI provides complete inverted boom kits for excavator mounting.



## Choice of ground engaging tooth configurations:

### Pointed Tooth:

provides maximum penetration for pre-splitting and quick removal of large loose areas such as seams.

### 5" Spade Tooth (standard):

provides balanced width and vibration for limited penetration into scaling surface for finishing of ribs and faces.

### 10" Spade Tooth:

provides vibration with no penetration into scaling surface, for removal of very loose or flaky material and final clean up in soft or layered material such as gypsum, salt or limestone.

The VP Series is perfectly matched to BTI's VPS and QS Series Scalers, providing a complete purpose built scaling system for both hard and soft rock applications.



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