

HAYER & BOECKER



NIAGARA

L-CLASS VIBRATING SCREEN



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The Niagara L-Class vibrating screen is a versatile and easy to maintain linear machine, with no timing belts or gears that need replacing.

FEATURES & BENEFITS

- Multiple deck options allow customization for application requirements
- Application-specific body design — supported with a one-piece removable head and shaft assembly — provides versatility and easy maintenance
- Double-shaft overhead drive system, with direct mounted motors, provides multiple speed and stroke combinations in a compact design
- Ball trays minimize blinding and pegging, and ensure sharper cuts; best for classification of fine and agglomerated material; available for wire cloth screen media applications only

APPLICATIONS

Classifying
(Wet or Dry)
Dewatering

INDUSTRIES

Mining
Aggregates
Minerals
Cement
Food

| CLASS | WIDTH | LENGTH | DECKS | CUT RANGE | TOP SIZE | CAPACITY IN (m)TPH | INCLINATION | BEARINGS | LUBRICATION | ACCELERATION |
|-------|-------|--------|-------|-----------------|----------|--------------------|-------------|----------|-------------|--------------|
| L | 6' | 16' | 1 - 3 | 48 mesh - 4" | 10" | Up to 400 | -3° to 5° | 2 + 2 | Grease | 4.8 - 5.2g |
| | | 20' | | | | | | | | |

SCREEN MEDIA

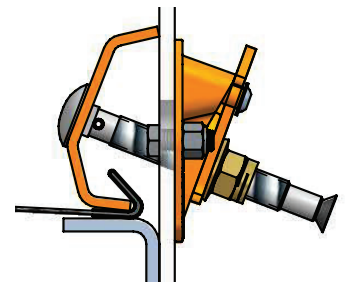
The L-Class can be engineered with a flat deck for modular screen media panels, including pin & sleeve, snap-in, groove or bolt-down fastening systems; or a cambered deck for side-tensioned screen media with a single crown. Proper screen media selection virtually eliminates blinding and pegging.

L-CLASS ACCESSORIES



TY-RAIL™

Every side-tensioned deck on an L-Class machine is engineered with Ty-Rail. The patented quick-tensioning system cuts screen change-out time in half, drastically reducing costly downtime, and improving productivity and profit, for a fast return on investment.

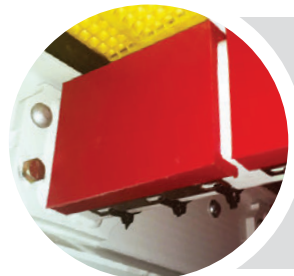


UPGRADE OPTIONS

- **POLYURETHANE LINERS**
Polyurethane feed box, side plate, discharge lip and bar rail liners extend the wear life of your L-Class and screen media.
- **SPRAY SYSTEM**
Effectively wash or rinse dirty or contaminated materials during the screening process.
- **DUST SEAL**
Reduce dust emissions on vibrating screens.

- **BASE FRAME**
Available if required for machine support.
- **LUBRICATION SYSTEM**
Automated system supplies lubricant at required intervals to eliminate manual greasing.

- **FINES HOPPER**
Fits beneath the vibrating screen to collect under-size material.



ZIP GUARD

Installing Zip Guard liners on the cross beams of your L-Class machine will reduce wear, extending the life of your machine and minimizing maintenance time.

PULSE VIBRATION ANALYSIS SERVICE

Enhance screening operations with Pulse, Haver & Boecker Niagara's innovation in vibration analysis technology. It's designed for analyzing the health of all vibrating screen brands. Pulse detects irregularities that could translate into diminished performance, decreased efficiency, increased operating costs and imminent breakdowns. We use Pulse to understand an operation's screening challenges, then work with our customers to optimize the screening operation.

- Detailed reports contain OEM recommendations for maximizing screening efficiency and minimizing unscheduled downtime.
- Onsite training gives maintenance departments the skills and confidence necessary to maintain a productive operation.

UPTIME 3-YEAR WARRANTY

The industry's only 3-year warranty program offers preventative services and repair coverage on new equipment purchases with approved applications.

- Full-service approach to equipment optimization — from parts inspection and equipment assessment to screen media evaluation.
- Complete with two regularly scheduled annual service visits by Haver & Boecker Niagara certified technicians who use Pulse vibration analysis and implement a comprehensive asset management program tailored to the equipment and environment.



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