

Check out the future of scrap handling today!

New Generation Movement
17333 130th Street
Aplington, Iowa 50604

319-347-6363

Phone: 319-347-6363

www.newgenerationmovement.com

Dear Future Customer,

After two years of trials on our first scrap conveyors and following testimony from our customers, we are confident that we have a superior product that will handle the most rugged of conveying conditions. Whether you are updating an old system or buying new for the first time, we have a scrap conveyor for you. We look forward to working with you to make your facility run as smoothly, efficiently and safely as possible. Please contact us to discuss your conveying needs.

Sincerely,

NGM Team

New Generation Movement

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New Generation Movement (NGM) started after the need for an improved and low maintenance scrap conveyor was seen. NGM is a new company that was formed by GrainWay L.L.C. in Aplington, IA. GrainWay makes belt conveyors for the grain handling industry. As GrainWay worked with Iowa Laser Technology, Inc. in Cedar Falls, IA the idea was developed to use a similar conveyor for removing fines and scrap metal away from their ten lasers.

There are currently other metal belt conveyors used on the market that need regular maintenance and require expensive replacement parts after only a year of running. NGM's belt conveyor has been running for over 22 months with virtually no maintenance required at Iowa Laser Technology, Inc., which is one of the nations larger laser cutting facilities. Sean Abbas, President of Iowa Laser Technology, said "Since introducing the new conveyor system 18 months ago, we have eliminated a majority of our maintenance to the conveyor system. We can now run lights out without worrying about scrap from our laser systems. It's been a substantial improvement in every aspect." Scott Mealhow, Manufacturing Engineer at Iowa Laser Technology, says "It became apparent after just a few weeks of operation with our new Trumpf Laser cutting systems that we were going to have to find an operator friendly way of removing scrap from our cutting systems. Our first scrap handling systems were steel belted link conveyors, these worked fairly well until we discovered that the laser dust that is generated with laser cutting started to infiltrate the conveyor chain link axles and bearings and started to accelerate the wear on those items. The laser dust also accumulated within the conveyor causing jams. To help eliminate the problems, an oil drip system was introduced to help lubricate the conveyor chain, access doors were added and routine manual cleaning of the conveyor was needed. Iowa Laser Technology worked with New Generation Movement and Vibro Industries to help eliminate some of these problems. The solution was to go with a pneumatic operated shaking device that would transport the scrap and laser dust to a rubberized chevron belted conveyor. The tray collects the scrap and dust, allows the material to cool and directs the material to the center of the belt conveyor. The concave shape of the belt conveyor keeps the scrap material away from the outside of the conveyor, thus controlling the introduction of contamination to the conveyor."

New Generation Movement is introducing a turn key scrap removal system to move material away from lasers, lathes, presses, and other multi-functional machine tools. This process saves on time and money due to a virtually hands free set-up. Contact New Generation Movement and see how you can save today.

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New Generation Movement

NGM 1000, 2000 and 3000 Series Conveyors

First check out just a few features and advantages from our line-up of conveyors.

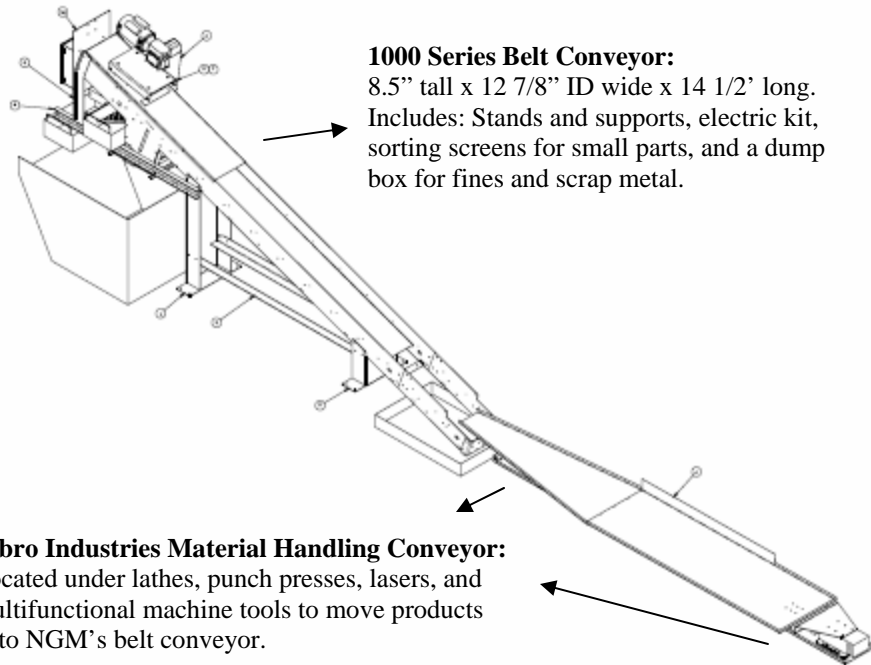
Features:

- Continuous Chevron belt which can handle hot scraps/slugs up to 3/4" thick and 6" in diameter
- Electric drive: Low HP motor with Dodge gearbox, slip clutch, safety shields and chain drive
- Sorting screens for small parts can attach to the head of the conveyor
- Guide rails above the belt edge so no parts or fines get underneath the belt
- Attractive powder coat paint finish
- Belt Speed: 7' to 15'+ FPM (speed matched to each application)
- Conveyor Lengths: Vaies depending on series of conveyor chosen

Advantages:

- Check out testimonials and company history on the last page
- Very low maintenance
- Very smooth and quiet running machine
- Top of the line idler rollers all have internal bearings requiring no lubrication
- Drive roller has 1¼" shaft and rubber legging for sure grip on belt.
- Safe and user-friendly
- Compact: Will fit under many different applications

1000 Series NGM Conveyor



New Generation Movement

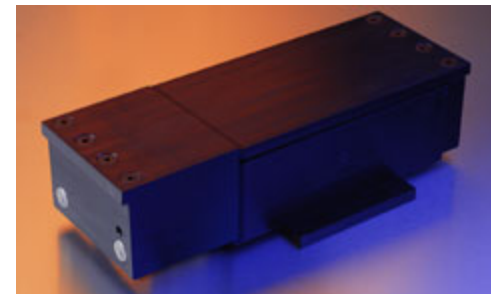
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Patent Pending

NGM is proud to represent Vibro Industries. Vibro's pneumatic conveyors can be used with NGM's conveyors or sold separately for many other applications. Feel free to check out Vibro's web site and see the versatility of this product. Contact NGM as we are a dealer for Vibro Industries.

www.vibroindustries.com



Product Overview

The **Vibro Air-Operated Transporter** is the right choice for linear scrap removal from punch presses, lathes and other automatic multi-functional machine tools. The principle behind the Vibro Air-Operated Transporter design is its pneumatic cylinder. With a slow acceleration in the forward stroke, material will be transported forward. During the rapid return stroke, material will remain stationary, thus ensuring constant movement in one direction only.



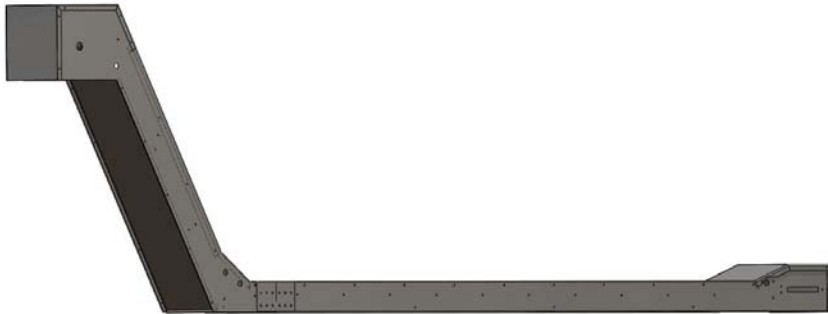
Because of its compact design, the Vibro Air-Operated Transporter may be installed in cramped, congested areas. Unlike other transporters, the Vibro Air-Operated Transporter does not need to be located in close proximity to the tool. A scrap removal tray can be provided to fit in close quarters at the point of scrap ejection.

3000 Series NGM Conveyor

NEW PRODUCT ALERT!

New 60° Paddle Belt Conveyor

The low bottom clearance and compact discharge of our 3000 series equals a conveyor that will replace a steel belted paddle conveyor with unmatched performance.



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1000 Series



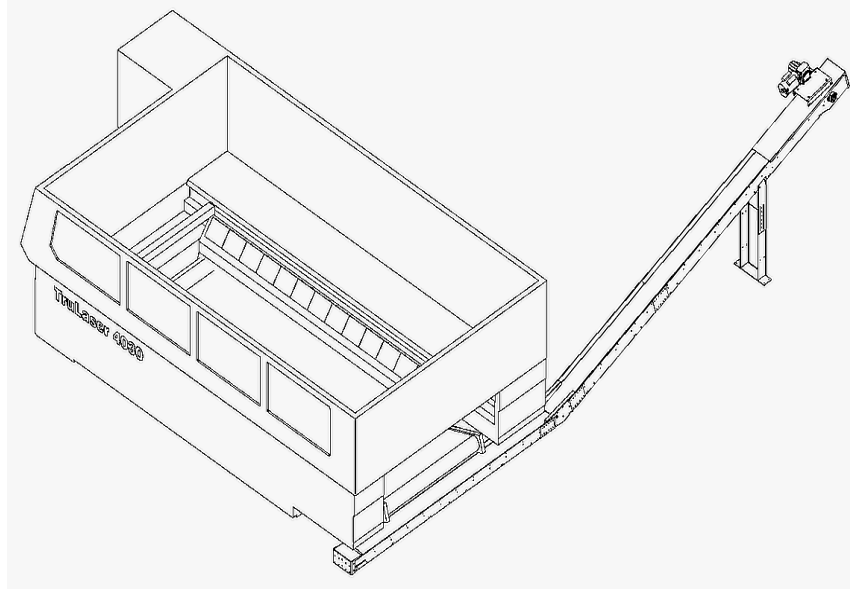
NGM's most universal scrap conveyor with capabilities to be made over 100' long in 12" 18" and 24" wide increments. Special lengths and widths available upon request.



Patent Pending

2000 Series NGM Conveyor

Our compact conveyor features an all-in-one design that slides directly under the steel belted conveyor at the end of the laser bed. This unit is great for situations where scrap needs to be moved farther away from the loading point while still maintaining a low clearance of 5 1/2". This conveyor can be used in many different situations.



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2000 Series



2000 Series conveyor installed under a Trumpf laser system. NGM conveyor is removing scrap away from the steel belted conveyor under the laser bed.

Bottom section view.



Customers enjoy how quiet and maintenance free NGM's conveyors run.