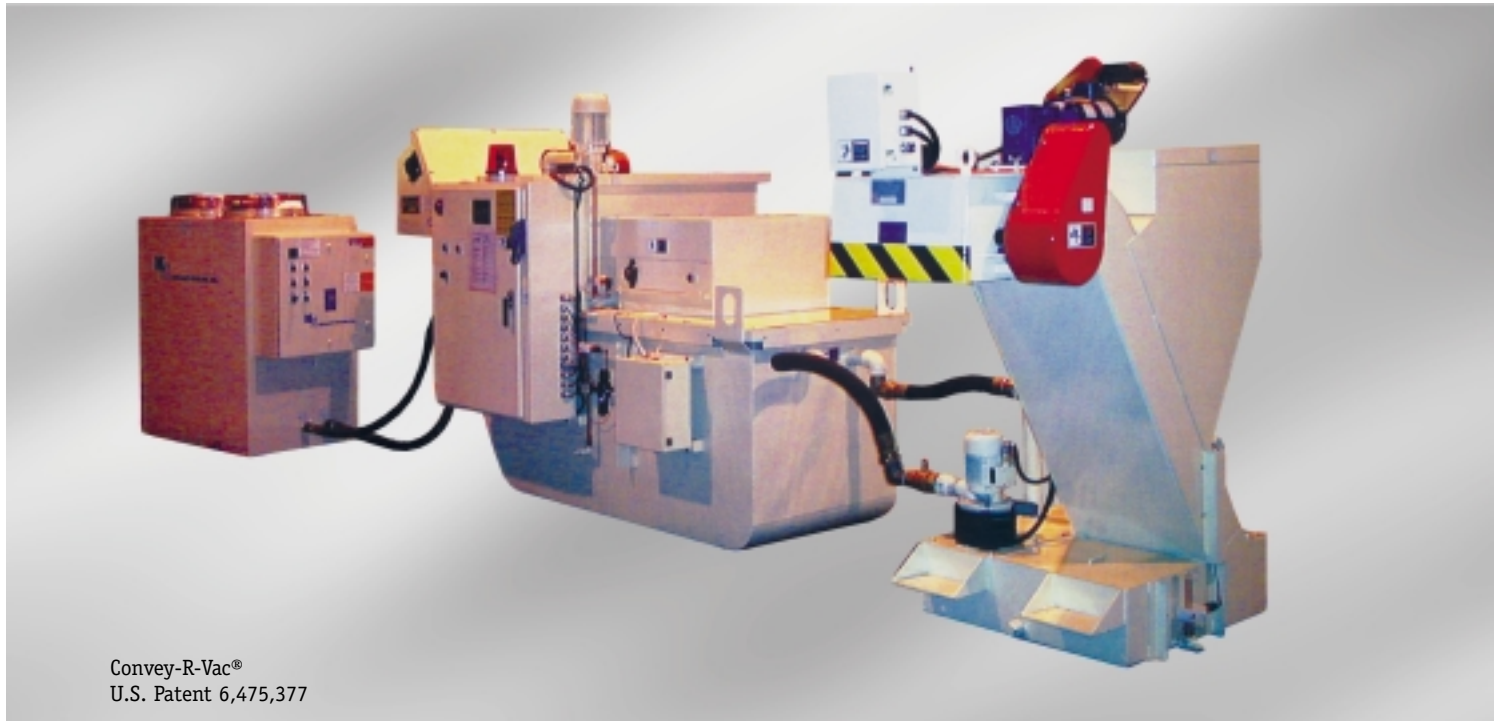


Convey-R-Vac®

By Jorgensen Conveyors, Inc.



Permanent Media Vacuum Filtration Systems



10303 North Baehr Road • Mequon, WI 53092 • Toll-Free: 1.800.325.77055 • www.jorgensenconveyors.com

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Applications

Convey-R-Vac® is an innovative conveyor and permanent media vacuum drum filtration system that is used when superior, yet cost effective, filtration is required. The patented Convey-R-Vac® system is available in a single or dual stage design for *greater system flexibility* and used in a wide range of CNC metal cutting applications filtering all types of chips.

* Flow rates to 5000 gpm, (19000 lpm) available.

Coolant Flow Rate

Model	Requirements for Machine*	
	Gallons Per Minute	Litres Per Minute
CRV - 300	0 — 30 gpm	0 — 114 lpm
CRV - 600	31 — 60 gpm	117 — 227 lpm
CRV - 1200	61 — 120 gpm	231 — 454 lpm
CRV - 2400	121 — 240 gpm	458 — 908 lpm
CRV - 10000	241 — 1000 gpm	912 — 3785 lpm



Features and Benefits

- ▼ Filters all types of chips.
- ▼ Patented vacuum technology without disposable media.
- ▼ More effective in all metal cutting applications than conventional gravity drum systems.
- ▼ The most effective permanent media filter system for cast iron and painted parts applications.
- ▼ Allows a filter cake to build for better filtration than conventional gravity drum systems.
- ▼ Self cleaning drum system for maintenance free operation.
- ▼ Less reliance on downstream bag or cartridge filters than conventional gravity drum systems.
- ▼ Accessable filter drum for easy maintenance.
- ▼ Can be configured with first stage chip conveyor to handle stringy bushy chip loads.
- ▼ Minimal sump maintenance allows for extended coolant life and less downtime.
- ▼ Capable of providing filtration to multiple machines.
- ▼ Low profile designs are available for machine fit up.
- ▼ Extends tooling life and improves machining accuracy.

Permanent Media Vacuum Filtration Systems

System Options

- ▼ High pressure coolant system
- ▼ Pumps/plumbing/coolant transfer
- ▼ Downstream filtration
- ▼ Tramp oil skimmers
- ▼ Coolant chillers/heat exchangers
- ▼ Complete electrics/controls
- ▼ Air knife



Convey-R-Vac® Application Chart

Material Type*	Steel		Cast Iron		Aluminum		Brass	
Model Stages	Single	Dual	Single	Dual	Single	Dual	Single	Dual
Chip Type								
Bushy & Tight (<i>Birds Nest</i>)	▼	▼	—	—	▼	▼	▼	▼
Bushy & Loose	▼	▼	—	—	▼	▼	▼	▼
Broken Chips (<i>6's & 9's</i>)	▼	▼	▼	▼	▼	▼	▼	▼
Fine Chips (<i>Free Flow Granular</i>)	▼	▼	▼	▼	▼	▼	▼	▼
Swarf Sludge	▼	▼	▼	▼	▼	▼	▼	▼

▼ Recommended Application ▼ Used In Some Applications ▼ Not Recommended

* For other materials please contact a Jorgensen proposal engineer.

What Customers are Saying

"Jorgensen has always been there with new ideas when we needed them. We are happy with their support and with the quick turn-around they give us on quotes. We are very happy with the product's reliability and with their support."

*Himat Patel
Hurco Manufacturing*

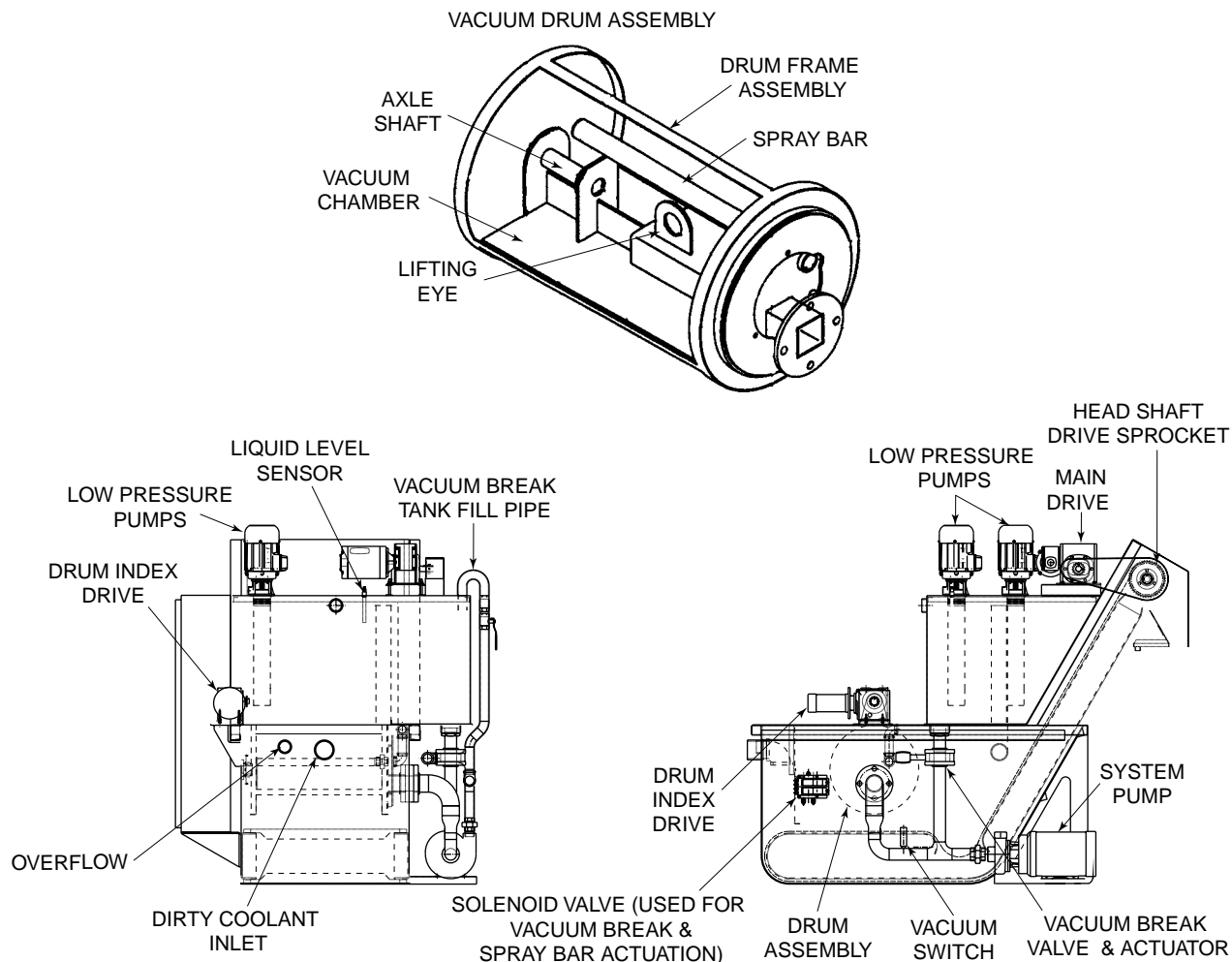


ISO 9001:2000 Certified -
the international standard of excellence certifying our commitment to a controlled design and manufacturing process.

Convey-R-Vac[®]

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Typical System



High Manufacturing Standards

Laser technology – we employ the latest technological capabilities to improve productivity and consistency in the manufacturing process.

Customer Focus/Custom Design

Jorgensen is committed to working closely with each customer in the development of conveyor/filtration systems that meet specific application requirements.



Main Office and Manufacturing

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Manufacturing Affiliates

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**ISO 9001
Certified**