

Machine specifications	GVX1020	GVX1040	GVX1050
Power requirements @ 480 V	30 Amps	43 Amps	51 Amps
Fan motor power	3 – 2 hp (1.5 kW)	2 – 5 hp (4.0 kW)	2 – 5 hp (4.0 kW)
Additional fan motor power	n/a	1 – 3 hp (2.2 kW)	2 – 3 hp (2.2 kW)
Deck motor	1 hp (0.75 kW)	1.5 hp (1.1 kW)	1.5 hp (1.1 kW)
Hydraulic pump	n/a	0.5 hp (0.4 kW)	0.5 hp (0.4 kW)
Motor blender drive motor horsepower	1 hp (0.75 kW)	1 hp (0.75 kW)	1 hp (0.75 kW)
Fans	<ul style="list-style-type: none"> • Multiple fan air supply • Individually adjustable for airflow volume • Patented fan design for optimal particle concentration 		
Screen options	<ul style="list-style-type: none"> • Mild steel, coated steel and coated mesh Tonne-Cap • Stainless steel available for edible products • ISE-flex overcover 		

Operations	
Control parameters	<ul style="list-style-type: none"> • Fan speed for air volume and distribution • Eccentric motion speed (All safely adjustable during operation) • Deck tilt • Product feed rate
Separation range	• <5% by weight
Dust control	<ul style="list-style-type: none"> • Aspirating feeder • Full dust hood • Built-in feed and exhaust air adjustments
Discharge hopper configuration	<ul style="list-style-type: none"> • Standard — 3-spout • Optional — 2-, 4- or 5-spout hoppers
Maintenance	• Recommended lubrication interval — 12 months or 2,000 hours
Warranty	• 3 years — longest in the industry

Performance — capacity, air flow requirements			
Agricultural material	GVX1020	GVX1040	GVX1050
Large particle (1/4" – 3/8") Beans, corn, peas, coffee, almonds (10 mesh A deck)	3,500 lbs / hr 8,500 CFM	11,500 lbs / hr 13,800 CFM	17,000 lbs / hr 19,000 CFM
Medium particle (1/8" – 1/4") Wheat, oats, corn	2,500 lbs / hr 5,500 CFM	8,000 lbs / hr 9,800 CFM	11,500 lbs / hr 13,800 CFM
Small particle (1/16" – 1/8") Alfalfa, millet, sesame	1,400 lbs / hr 2,750 CFM	4,000 lbs / hr 6,900 CFM	5,700 lbs / hr 9,500 CFM

Options include	
<ul style="list-style-type: none"> • Overcovers • Dust hoods • Electrical panels • Worldwide motor voltages 	<ul style="list-style-type: none"> • Vibratory feeders • All stainless steel contact points available for food applications • ISE-flex overcover



© 2014 Rockwell Automation, Inc. All Rights Reserved.

RELIABLE, SUPERIOR, REPEATABLE PERFORMANCE FROM BREAKTHROUGH TECHNOLOGY

Maximize control and boost your bottom line. Oliver introduces the first fully automated, power control, PLC-governed gravity separator — the *Voyager*. Memorized routines speed setup and cleanout, and centralized power control simplifies adjustments. The most advanced gravity separator on the market comes with legendary made-in-America Oliver reliability with Colorado-based support.

- Computerized touchscreen
- 4-way joystick tilt control
- Power controls with digital readout
- PLC memory for stored routines
- 100% repeatable setup
- Multiple fans with improved air segregation
- Longest warranty in the industry — 3 years
- Fast service and tech support turnaround from our USA plant



Model	GVX1020	GVX1040	GVX1050
Height	78" (192 cm)	82" (208 cm)	82" (208 cm)
Width	60" (152 cm)	67" (170 cm)	73" (185 cm)
Length	91" (231 cm)	128" (325 cm)	152" (386 cm)
Deck size	30" x 60" (76 x 152 cm)	42" x 96" (107 x 229 cm)	48" x 120" (122 x 300 cm)
Weight	2,450 lbs (1,111 kg)	3,900 lbs (1,770 kg)	4,300 lbs (1,950 kg)
Shipping tare	2,650 lbs (1,202 kg)	4,600 lbs (2,086 kg)	5,000 lbs (2,268 kg)

MAXIMIZE YOUR CONTROL. BOOST YOUR BOTTOM LINE.

Oliver's Voyager™, the gravity separator that sets new standards in the degree of control. No other separator puts so much adjustment precision in the hands of the operator. Voyager lets you separate more materials into more grades more precisely and more consistently than ever. Period.

Features of the Voyager Gravity Separator include the following:

- Spring assisted stone discharge regulator
- Advanced counter-balance design
- Mechanical boot clamps
- Redesigned eccentric machinery
- Maintenance access panels
- Safer, enclosed design
- Computerized touchscreen
- Heavy skim cut-out gates
- Improved air segregation
- High side blender trough
- Superior deck clamping
- Improved rock trap
- 4-way joystick tilt control
- Multiple fans
- Tubular frame
- Flush mount filters
- Reduced vibration
- Quieter operation



COMPLETE AUTOMATION

Voyager automates the entire setup and operation procedure. Every parameter that can be controlled has been automated, which means you spend less time in training and oversight. Switching back and forth between materials is as easy as recalling adjustment setting "recipes" from over 20 programmable routines. Rockwell Automation ensures repeatability, and legendary state-of-the-art Allen-Bradley™ electronic controls allow easy integration into the most comprehensive plant automation strategies with basic plug-and-play wiring.

SMARTER RESULTS FROM A SMARTER DESIGN

The most advanced separator in the world is over 80 years in the making. In that time, our research and engineering have refined the overall design to increase control, boost capacity, improve structural integrity, widen the range of materials, simplify operation and extend durability.

EXPECT MORE FROM THE OLIVER VOYAGER — YOU WON'T BE DISAPPOINTED

With its outstanding performance, exceptional durability and the longest warranty in the industry (3 years) the Voyager represents your best choice in accurate, reliable, long-term product refinement. It's a pure product, sure profit equation for fast and reliable ROI.

ADVANCING THE SCIENCE OF SEPARATION

We know what it takes to raise the bar in gravity separation performance. We were there at the beginning as the original patent holders, and we're here at the forefront with Voyager, the most advanced technology and performance available.