

Vibratory Feeder Bowl Operator Quick Reference Troubleshooting Guide

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Parts moving slow or not feeding at rate, normal controller settings	Dirt or oil build up on track	Remove parts and clean bowl with appropriate cleaners.
	Too many parts in bowl	Remove parts until bowl runs properly.
	Not enough parts in bowl	Increase amount of product in bowl until parts feed at acceptable rate.
	Parts jammed in track	Remove jammed part.
	Feeder under-tuned	Refer to trouble shooting and maintenance guide
Parts are jamming in outside fan, track/tooling	Defective/wrong part being fed into system	Remove part. Check that correct parts are being used.
	Tooling not properly adjusted	Adjust tooling so parts move freely.
	Flashing on plastic parts	Return parts for additional finishing
	Discharge improperly aligned with inline or gravity track	Confirm inline or gravity track is properly aligned to discharge. Confirm discharge tooling is properly
	Rails or blades worn	Confirm edges of rails or tooling are sharp and not rounded.
	Air jet(s) not set correctly	Check air pressure. Check air jet alignment.
Parts moving slow, erratically, or not feeding at rate, controller at high settings	Dirt or oil build up on track	Empty bowl and clean track and tooling
	Feeder under-tuned	Refer to trouble shooting and maintenance guide
	Broken spring	Refer to trouble shooting and maintenance guide
	Broken weld	Refer to trouble shooting and maintenance guide
Controller not working	Controller not turned on	Confirm switch for bowl is on.
	Not connected to power source	Plug controller into power source.
	Controller connected to incorrect power source	Confirm power source is correct for controller.
	Blown fuse in controller	Replace fuse
Controller has power, Bowl not vibrating	Speed is turned down	Turn dial clockwise to increase speed.
	Broken/disconnected wires to coils	Contact maintenance or call Jerhen
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Controller has power, Bowl not vibrating (continued)	Track sensor eyes are misaligned or dirty	Adjust eyes of track sensor shutoff
	Full track, track sensor shut off activated	Parts are backed up in gravity or inline track. Nothing wrong with bowl.
	Blown fuse	Open controller and confirm fuse is not blown

For additional help, refer to Jerhen Industries Troubleshooting and Maintenance Guide, or call customer service, (815) 397-0400.