



White Paper – J&H Vibrator Motor

Date: April 25th, 2025

Current Motor Phase-Out Notification:

Dear Valued J&H Equipment Customer,

Effective immediately, JHV Vibrator Motors 17-114 and 17-115, which has been a valued part of our offerings, will be phased out. The decision was not made lightly, and we appreciate your understanding as we transition to new generation motors.

Reasons for this phase-out include the following:

- Improved technologies: Model 17-114 and 17-115 JHV has been utilized for over 35 years with limited design improvements to date.
- Supplier limitations: J&H's current stator manufacturer has updated their manufacturing standards and can no longer offer the required parts to produce the previous model.
- Compliance Certifications: There is an increased need for compliance certifications from our customers, in which our previous models were unable to achieve.
- New generation motors will provide greater output force with reduced power consumption.

New Motor Introduction:

With that said, J&H is proud to introduce our next generation of JHV vibrator motors and are committed to ensuring a smooth transition for our clients moving forward.

J&H has collaborated with Uras Techno for over 3 years to develop, test, and optimize a new generation vibrator motor that is specifically designed for the J&H equipment line, prioritizing performance and longevity.

Improvements and features include the following:

- Same footprint as previous model motor, mounts directly to existing bolt pattern.
- IP66, continuous rated duty.
- Lower operating temperatures than previous generation, cast frame with cooling fins.
- Higher force output than previous generation motor with lower energy consumption.
- Enlarged frame design optimized for 50°C operation.
- Reduced noise level, under 65 dBA at one meter.
- Easier weight adjustment with visible force indicator
- Redesigned vibration resistant cable relief gland
- Inverter duty rated



New Motor Model Numbers:

Model	Poles / RPM	Max Force (kN)	Voltage	Frequency	Certifications
17-115A	2 / 3600	12	230/380/460	60	CE
	2 / 3000	12	380/400/415	50	CE
17-115B	2 / 3600	12	575	60	CSA
17-115C	2 / 3000	12	380/660	50	-
17-114A	4 / 1800	8	230/380/460	60	CE
	4 / 1500	8	380/400/415	50	CE
17-114B	4 / 1800	8	575	60	CSA
17-114C	4 / 1500	8	380/660	50	-

*Note: UL Class II, Div. II certification to be available on select models in 2026.

New Motor Brochure:

[JHV Motor Brochure](#)

Request for Quote / Ordering Instructions:

When requesting a quote and/or ordering a new motor, please contact sales@jhequipment.com and provide the following information:

- Current motor model number
- Operating voltage
- Operating frequency
- Equipment name and model number the new motor will be installed on.

*Note: feeder replacement motors must be purchased in even increments on initial order. Refer to page 3 for detailing explanation.

Installation Hardware:

- Mounting hardware is provided with each motor purchase.
- All motors will use 3/4" x 2 1/2" long bolts with the exception of the J&H 73 Series Vibrating Feeders, which will utilize longer 3/4" x 3 1/2" bolts.

Motor Installation Instructions:

- New generation motors have the same footprint as the previous models and will bolt directly to the existing JHV mounts without any rework.
- **Critical Note:** when installing new generation JHV motors onto vibrating feeders that currently have obsolete JHVs installed, both motors must be replaced.
- If (1) new model is installed with (1) obsolete model, damage to the feeder drive tube will occur as the motors will not sync, thus voiding any warranty. See example images below.



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	<u>OBSOLETE CONFIGURATION</u>	<u>UNACCEPTABLE CONFIGURATION</u>	<u>ACCEPTABLE CONFIGURATION</u>
<u>MODEL 73 FEEDERS</u>			
<u>MODEL 93 FEEDERS</u>			
<u>MODEL 94/98 FEEDERS</u>			



= Obsolete Motor



= New Motor