



Service Manual 2019 HV Series Handy-Vib



 **HANDY-VIB**

P.O. Box 13274
Maumelle, AR 72113

501.812.0220 (Phone)



9627 Rowlett Dr.
N. Little Rock, AR 72113

501.812.0770 (Fax)

www.iskco.com

Thank you for purchasing the ISKCO HV Series Handy-Vib. This unit is designed to be a durable, lightweight tool used in the consolidation of concrete. Prior to use of this vibrator, it is very important that this service manual be read and understood to ensure the proper operation and maintenance of the unit.

This service manual contains four (4) sections as follows:

- Tool Safety
- Operation Safety
- General Maintenance
- Warranty

Along with these sections, a current parts list and breakdown for the unit is included.

Tool Safety

The following guidelines should be followed to ensure the unit operates safely.

- Inspect the vibrator before each use. Replace any damaged or worn parts.
- Be sure that all screws are securely tightened.
- Check the carbon brush periodically.
NOTE: Carbon brush life is approximately 250-300 hours of continuous run time.
- Check electrical cord for exposed connections.
- Be sure the input voltage is 110 volt single phase. Improper voltage will damage the unit.

Operation Safety

The following guidelines should be followed to ensure the unit operates optimally. Failure to follow these guidelines can cause premature and unnecessary damage to the unit.

- Do not leave the vibrator running outside the concrete.
- Avoid getting concrete or water in the motor case.
- Never pull or carry the vibrator by the power cord.

General Maintenance

The following guidelines should be followed to maintain the unit properly and ensure extended service life.

- Be sure to remove any concrete buildup after use.
- Check carbon brushes to prevent damage to the armature shaft. If wear on the shaft is visible, polish the shaft with fine grade sandpaper until smooth.
- Periodically, blow out the motor case using low air pressure to reduce carbon buildup and remove dust and dirt.
- Lubricate the flex-shaft after approximately 100-125 hours of use.

Warranty

ISKCO, Ltd. warrants to the purchaser that the equipment to be delivered herein will be free from defects in material, workmanship, and title and will be of the kind and quality designated or described in the contract. The foregoing warranty is exclusive and in lieu of all other warranties whether written or implied (including any warranty of merchantability or fitness for purpose). If it appears within three (3) months from the date of shipping by the Company that the equipment delivered herein does not meet the warranties specified above and the purchaser notifies the Company promptly, the Company shall thereupon correct any defect, including non-conformance

with the specifications, at its option, either by repairing any defective part(s) or by making available at the Company's plant, a repaired or replacement part.
 In no event will ISKCO, Ltd. be liable for business interruptions, loss of profits, personal injury, cost of delay, or for any other special, indirect, incident, or consequential losses, costs, or damages.

For assistance, contact the ISKCO Customer Service Department
 501.812.0220 (phone) 501.812.0770 (fax)
 On the web at: www.iskco.com

			2019
Ref. No.	Item Code	Description	Qty.
	100844000	HV-E Motor (Complete)	
1	482005025	Screw M5X25 S pan head	4
2	302016000	Bearing case E motor	1
3	300864000	Armature E motor	1
4	411306290	Bearing 629ZZ	1
5	411206080	Bearing 608ZZ	1
6	300865000	Fan guide D/E motor	1
7	400624000	Tapping screw M5X45 YPF	2
8	300866000	Field coil D/E motor	1
9	310315250	Insulation tube	2
10	310215250	Connector 170037-2	2
11	300867000	Insulation sleeve D/E motor	1
12	455000280	Closed End Crimp Connector	2
13	300868000	Motor frame E motor	1
14	300872000	Brush holder cap D/E motor	1
15	300869000	Brush D/E motor	2
16	310915250	Vibration rubber Ring E motor	1
17	310815250	Anti-vibration Grommet	4
18	300879000	Handle cover (Left) E motor	1
19	300878000	Switch cover Plastic D/E (Left)	1
20	310513250	Switch lock cover D/E motor	1
21	300875000	Switch cap D/E motor	1
22	300876000	Holding plate D/E motor	1
23	453000220	Switch SGEL115CDY-4	1
24	300877100	Condenser Assy D/E motor	1
27	300874000	Switch cover Plastic D/E (Right)	1
28	300873000	Handle cover (Right) E motor	1
29	585004018	Screw M4X18 SW SUS	4
30	310313250	Filter Screen D/E	2
31	310415250	Filter Screen Cover E motor	1
32	583504010	Screw M4X10S SUS	2
33	300880000	Mold cord D/E motor	1
34	480805010	Screw M5X10 pan head	4

ISKCO, Ltd. 9627 Rowlett Dr. N. Little Rock, AR 72113 Ph:501-812-0220 Fax:501-812-0770 www.iskco.com

ISKCO HV-E Series Motor

