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**EVCA**

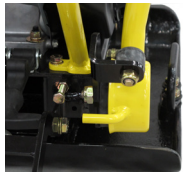


**ESI announces our air motor-powered vibratory plates. There is an increasing need for alternative power for gasoline and diesel equipment. Gasoline engines emit dangerous fumes that could jeopardize the health of the equipment operator. ESI's air motor-powered vibratory plates are perfect for those applications where an internal combustion engine is not desirable and it provides a clean low-maintenance power trowel. There is no regular servicing required of the air motor and requires only 60 CFM of air from your job site air compressor.**

Examples of applications where an air-powered rammer would be desirable:

- Inside of buildings where engine exhaust will be a problem
- Use in oil refineries where spark-operated equipment may not be desirable
- Take advantage of the air compressors on your job and not have to stop and refuel.

To service between users requires only clean-up and occasional checking of the vibratory eccentric oil reservoir – that's it! The air motor eliminates many of your typical plate service issues.



Anti-vibration handle with padded grip protects the top and sides of the engine and provides the operator comfort with the replaceable padded handle.



Lifting handles located on the base plate for easy loading and unloading



Attached swingaway wheel kit, the ultimate in convenience for jobsite transportation



Large capacity water tank to use with asphalt compaction applications (on EVC70 & EVC90 models)



Heavy duty long lasting cast steel base plate long-life smooth base plate for a quality finish

Technical Data

DESCRIPTION	EVC40A	EVC60A	EVC70A	EVC90A
Dimension (LxWxH) in (mm)	21.9 x 12.2 x 40.4 (558 x 310 x 1,028)	30.0 x 14.2 x 39.8 (761 x 360 x 1,007)	29.3 x 16.5 x 43.3 (745 x 420 x 1,099)	32.1 x 19.6 x 40.2 (819 x 500 x 1,022)
Operating Weight lbs (kg)	106 (48)	136 (62)	161 (73)	209 (95)
Plate Size (LxW) in (mm)	17.4 x 11.8 (420 x 300)	20 x 14.2 (510 x 360)	20.4 x 16.5 (520 x 420)	23.1 x 18.9 (590 x 480)
Working Speed mph (km/h)	0.62 - 0.81 (1-13)	0.75 - 0.93 (1.2 - 1.5)	0.75 - 0.87 (1.2 - 1.4)	0.75 - 0.93 (1.2 - 1.5)
Vibration Frequency v.p.m. (Hz)	5,580 (93)	5,580 (93)	5,820 (97)	5,820 (97)
Centrifugal Force lbs (kg)	1,461 (665)	1,978 (897)	2,630 (1,193)	3,439 (1,560)
Compacted Area ft <sup>2</sup> /h (m <sup>2</sup> /h)	3,229 - 3,875 (300 - 360)	5,920 - 6,459 (550 - 600)	6,243 - 6,997 (580 - 650)	6,674 - 7,535 (620 - 700)
Max. Gradeability - °	20	20	20	20
Power Type	Air	Air	Air	Air
Air Consumption	60 cfm	60 cfm	60 cfm	60 cfm



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