

**FINE EQUIPMENTS**

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**FINE CONCRETE  
PRODUCT RANGE**



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# FINE PNEUMATIC AND ELECTRICAL SHUTTER VIBRATOR AND FF CONVERTER WITH VFD



FINE External Shutter Vibrators represent cutting-edge High-Frequency Vibrators meticulously designed to function at increased RPM levels, guaranteeing flawless concrete compaction in precast applications. These vibrators are distinguished by their lightweight and compact form, rendering them extremely user-friendly.

Effective compaction of concrete is absolutely essential when aiming to build a sturdy, durable, and watertight structure. FINE External Shutter Vibrators, specially crafted for concrete consolidation, assume a pivotal role in eliminating air voids within the formwork and decreasing the permeability of the concrete. This process ultimately leads to achieving a dense compaction with a uniform and sleek surface finish.

## HIGH FREQUENCY PNEUMATIC SHUTTER VIBRATOR

Model	Force (Kg)	Vibration (VMP)	Working Pressure	Air Consumption (l/min)	Weight (Kgs)
FVHP 1400 FR	1,453	16000	6 Bar	1,200	7.3
FVHP 1000 CT	1,122	16500	6 Bar	1,100	7.2
FVHP 6000 CR	6,118	14500	6 Bar	1,800	16.3



## ELECTRIC SHUTTER VIBRATOR

MODEL		MAX FORCE	NOMINAL POWER	NOMINAL VOLTAGE	NOMINAL CURRENT	NOMINAL FREQUENCY	RPM	PHASE	WEIGHT
FV 3/300	FT	297Kg	0.27 kw	400 V	4.8 A	50 Hz	3000	3	17 Kg
FV 6/300	CL	297Kg	0.27 kw	42 V	5 A	0-200 Hz	6000	3	4.5 Kg
FV 3/1530	FT	1411Kg	1.00 kw	400 V	2.4 A(Y)	50 Hz	3000	3	15 Kg
FV 6/1530	FT	1411Kg	1.00 kw	42 V	15 A	0-200 Hz	6000	3	15 Kg
FV 156/42	CR	1440Kg	1.10 kw	42 V	18.2 A	0-200 Hz	6000	3	19.4 Kg
FV 156/230	CR	1440Kg	1.10 kw	230 V	2.7 A	0-200 Hz	6000	3	19.4 Kg
FV 156/400	CR	1440Kg	1.10 kw	400 V	2.5 A(Y)	50 Hz	3000	3	19.4 Kg
FV 166/42	CR	1600Kg	1.50 kw	42 V	23.50 A	0-200 Hz	6000	3	22 Kg



### WHY FINE

- Cutting-Edge High-Frequency Design
- Increased RPM Levels
- Precise and Meticulous Design
- Lightweight and Compact Form
- Elimination of Air Voids
- Reduced Permeability
- Dense Compaction

## FINE FREQUENCY CONVERTER

Model Details	Model Number	FFC / 3PH / 2/ 35/ 42 - IP44
	Outlets	2
Input	Voltage	415V
	Frequency	50HZ
	Current	4
	KVA	2.9
Output	Voltage	42V
	Frequency	200HZ
	Frequency Type	FIXED
	Current	35
	KVA Max	2.5
Other Details	Mechanical Protection	IP44
	Power Cable	3 MTR
	Overload Protection /MCB Trip	YES
	Weight	27 KG



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