



FINE EQUIPMENTS

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FINE CONCRETE PRODUCT RANGE



STRENGTH YOU CAN TRUST

FINE PNEUMATIC & ELECTRICAL SHUTTER VIBRATORS

FINE External Shutter Vibrators are high-frequency vibrators engineered for superior concrete compaction in precast and shuttering applications. Their advanced design ensures high performance at increased RPM levels, guaranteeing a dense, smooth, and uniform concrete finish.

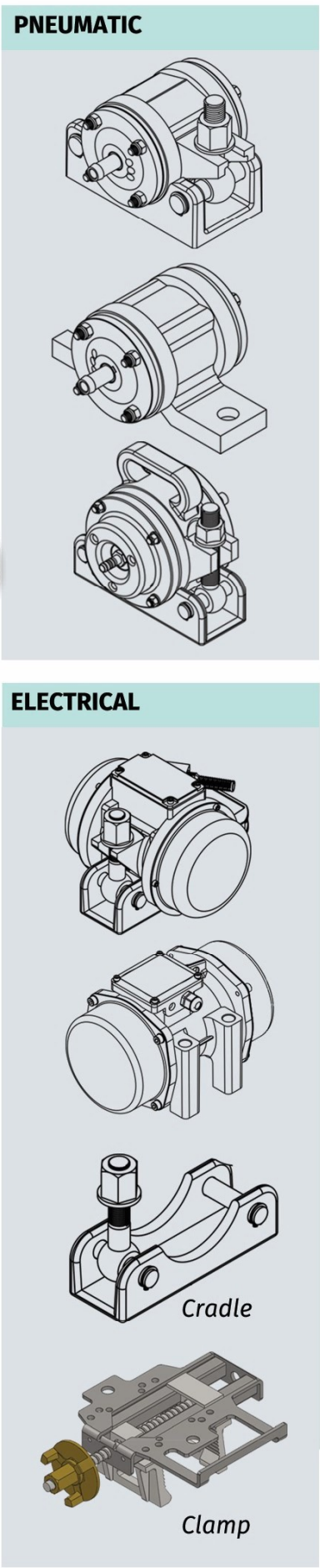
PNEUMATIC SHUTTER VIBRATOR



- Key Features:**
- Compact, lightweight, and robust construction for easy installation and mobility
 - High-frequency vibration for flawless concrete consolidation and reduced air voids
 - Available in both Pneumatic and Electrical versions to suit various site requirements
 - Compatible with Fine Frequency Converter with Variable Frequency Drive (VFD) for precise speed control
 - Designed for continuous-duty operation with low maintenance needs
 - Ensures durable, watertight, and high-quality concrete surfaces

High Frequency Pneumatic Shutter Vibrators								
Model	Mounting	Force	Vibration	Working	Air Consumption	Noice	Working	Weight
	Method	kg	VPM	Pressure	(L/min)	Level dB (A)	Temperature	(kg)
FVHP 1000 FT	Foot	1122	16500	6 Bar	1100	100	-10° C to 60 °C	7
FVHP 1400 FT	Foot	1453	16000	6 Bar	1200	100	-10° C to 60 °C	7.3
FVHP 1000 CR	Cradle	1122	16500	6 Bar	1100	100	-10° C to 60 °C	9.8
FVHP 1400 CR	Cradle	1453	16000	6 Bar	1200	100	-10° C to 60 °C	10.5
FVHP 4000 CR	Cradle	4079	15200	6 Bar	1800	103	-10° C to 60 °C	19.6
FVHP 6000 CR	Cradle	6118	14500	6 Bar	1800	103	-10° C to 60 °C	21.4

ELECTRICAL SHUTTER VIBRATOR



High Frequency Electrical Shutter Vibrators								
MODEL	CENTRIFUGAL FORCE	NOMINAL	NOMINAL	NOMINAL	NOMINAL	RPM	PHASE	WEIGHT
	MAX- kg	POWER	VOLTAGE	CURRENT	FREQUENCY			
FV 3/300 FT	297 kg	0.27 kW	400 V	4.8 A	50 Hz	3000	3	17 kg
FV 6/300 CL	297 kg	0.27 kW	42 V	5 A	0-200 Hz	6000	3	5.2 kg
FV 3/1530 FT	1411 kg	1.00 kW	400 V	2.4 A (Y)	50 Hz	3000	3	15 kg
FV 6/1530 FT	1411 kg	1.00 kW	42 V	15 A	0-200 Hz	6000	3	15 kg
FV 156/42 CR	1440 kg	1.10 kW	42 V	18.2 A	0-200 Hz	6000	3	19.5 kg
FV 156/230 CR	1440 kg	1.10 kW	230 V (DELTA Δ)	2.7 A	0-200 Hz	6000	3	17.5 kg
FV 156/400 CR	1440 kg	1.10 kW	400 V	2.5 A (Y)	50 Hz	3000	3	17.5 kg
FV 166/42 CR	1600 kg	1.50 kW	42 V	23.50 A	0-200 Hz	6000	3	22 kg
CRADLE	Suitable for Model No FV 6/300 or FVE 30/03							5 kg
CLAMP	Suitable For Model No FV 156/42, 230,400							6.3 kg

- Construction & Material Highlights:**
- Rugged housing made from SG iron
 - EN-graded shaft designed to provide vibration stability and enhanced durability.
 - Sealed heavy-duty bearings for long service life
 - Corrosion-resistant finish for harsh site conditions
 - IP66 protection for dust and water resistance

FINE ELECTRONIC FREQUENCY CONVERTER

FINE Electronic Frequency Converter designed for reliable operation in demanding construction and precast sites. Converts standard mains input (230V or 415V, 50Hz) to a stable low-voltage, high-frequency output (42V, 200Hz).

- Available in single-phase and three-phase configurations with Variable Frequency Drive (VFD) for adjustable frequency output (100–150–200Hz).
- Robust construction with IP44-rated enclosure providing protection against dust and water splashes.
- Fitted with overload protection (MCB trip) and supplied with 3-meter heavy-duty power cable.

Benefits :

- Reliable Operation in Harsh Environments
- Stable Output Voltage and Frequency
- Variable Frequency Drive (VFD) Option
- Overload Protection with Heavy-Duty Power Cable Included
- Compact and User-Friendly Design
- Low noise in use
- Lightweight compared to traditional frequency converters
- No turning parts, hence no wearing out.

Model Details	FINE Frequency Converter			
	Model No.	FFC/1PH/2/35/42-IP44	FFC/3PH/2/35/42-IP44	FFC/3PH/4/75/42-IP44-VFD
INPUT	Outlets	2	2	4
	Voltage	230V	415V	415V
	Frequency	50Hz	50Hz	50Hz
	Current	12 A	4 A	10 A
	Power -kVA Max	2.9	2.9	7.2
OUTPUT	Voltage	42V	42V	42V
	Frequency	200Hz	200Hz	100-150-200Hz
	Frequency Type	Fixed	Fixed	Adjustable
	Current	35 A	35 A	75 A
	Power -kVA Max	2.5	2.5	6.5
Other Technical Details	Mechanical Protection	IP44	IP44	IP44
	Power Cable	3 Mtr	3 Mtr	3 Mtr
	Overload Protection /MCB Trip	Yes	Yes	Yes
	Weight	25 kg	25 kg	52 kg



ELECTRO MECHANICAL CONVERTER

FINE Electro-Mechanical High Frequency Converter designed for reliable operation in rugged construction environments. Converts standard 400V, 3-phase, 50Hz input to a stable 42V, 3-phase, 200Hz output for high-frequency electric vibrators. Available in 2.5 kVA and 6.0 kVA models with 2 or 4 outlets respectively. The unit is equipped with thermal overload protection, durable IP-rated housing, and heavy-duty lifting handles for portability. Ideal for precast, formwork, and on-site concrete compaction applications.

MODEL	INPUT POWER	INPUT	INPUT	OUTPUT	OUTPUT	OUTLET	WEIGHT
	kVA	VOLTAGE/FREQUENCY	CURRENT	VOLTAGE/FREQUENCY	CURRENT	NOS	kg
HFO 2.5/400	2.5	400V /3PH/50 Hz	5.4 A	42V/3PH/200HZ	34.4 A	2	29
HFO 6.0/400	6	400V /3PH/50 Hz	11 A	42V/3PH/200HZ	82.5 A	4	68



Benefits

Provided with patented "syntec" magnetsystem.

- Suitable for continuous use.
- Maximum reliability, safety and results.
- Strong power output.
- Can also be used under rough conditions.

STRENGTH YOU CAN TRUST

CONCRETE RANGE



FINE CONVERTER FIXEL

- Durable**
Resilient, shock-resistant, lightweight, and user-friendly.
- Effective and Environmentally Friendly**
Environmentally conscious, with 90% energy efficiency, minimizing energy wastage.
- Maintenance-Free**
No need for spare parts or worry about wear and tear.

- Compact and Lightweight**
Reduced weight and size for ease of use while maintaining robustness.
- Smart Performance**
Intelligent system that regulates voltage and frequency.
- Safe and Dependable**
Equipped with shock protection for added security, eliminating the risk of electric shocks.

Model	Fixel 225	
Weight	10	INPUT
No. Of Plugs	2	
Power	2.7 Kw	
Current	15.5A	
Voltage	230v1-50 hz	
Power	2.5kw	OUTPUT
Current	31A	
Voltage	42V3- 200Hz	

FINE HIGH FREQUENCY POKER RANGE

They are highly versatile, with a comprehensive range of models, each equipped with a 10-meter cable and 5-meter rubber hose, compatible with any FINE converter for 42 volts
These high-frequency vibrators outshine standard mechanical pokers, offering precision and stability at an impressive 12,000 RPM.



STANDARD RANGE

- Operates at a secure voltage of 42 volts. Stator benefits from thermal protection.
- Features an oversized motor for enhanced performance.
- Utilizes oil lubrication, ensuring both high performance and extended longevity.
- Poker tip and bottle are constructed with hardened metal, enhancing durability.
- Available diameter in 38mm/58mm/65mm
- Custom length available upon request.



PREMIUM RANGE

- LHF are designed for long life times and use high tech solutions to realise this.
- Brushless electric motor directly in vibrator bottle provides for non-stop working.
- Only electrical wires in hose make the machine extremely flexible and lightweight. Ideal for reaching hard places through the concrete reinforcement mesh.
- Available diameter in 36mm/57mm/65mm
- Custom length available upon request.

FINE HIGH FREQUENCY POKER WITH IN-BUILD CONVERTER RANGE

The **FINE SMART POKER** is a compact and efficient equipment featuring an electronic converter linked to a high-frequency vibrator. It offers the same advantages as the FHFN series but eliminates the requirement for a separate generator or converter.

The **FINE SMART POKER** comes equipped with a 15-meter electric cable and a 5-meter transmission shaft that directly connects to a single-phase 230-volt power source. This equipment is robust, reliable, and safety-conscious, making it perfect for job sites. Its manageable size and weight enable easy use in challenging or remote locations, as well as on the go.

Smart Poker Standered Range:

Thermal protection for the stator, an oversized motor, oil lubrication for optimal performance, a reinforced head and neck on the concrete vibrator and Zero maintenance.



- Available diameter 38 & 60 mm
- Power Input/Frequency: 230V-50/60 Hz
- Vibration Frequency 12,000 Vpm
- Converter weight: 3.4Kg
- Progressive start up to prevent High current through Poker avoiding damage



SMART POKER - PREMIUM RANGE

- Available diameter 36 & 57 mm.
- Integrated inverter for 230V power enables the LHF-E to be used with any 230V wall socket.
- Ideal for rental and small jobs where a separate convertor is a hassle.
- HF-E are designed for long life times and use high tech solutions to realise this.
- Brushless electric motor directly in vibrator bottle provides for non-stop working.
- Only electrical wires in hose make the machine extremely flexible and lightweight. Ideal for Reaching hard places through the concrete reinforcement mesh.

FINE MECHANICAL PRODUCT RANGE

A mechanical needle vibrator, also known as a concrete poker vibrator, is a construction tool that uses a motor to power a rotating eccentric weight within a head. This process creates high-frequency vibrations that are transmitted through a flexible shaft to the needle head

PORTABLE ELECTRIC FINO

FINE, an electric vibrator from FINE, is a single-phase and portable device, notable for its robust construction, including an external housing that envelops the motor for protection. Its ingenious design enables the transfer of power through a transmission mechanism, inducing the eccentric rotation of the poker head at a rapid 12,000 RPM, generating powerful vibrations.



- Robust & Resistant
- IP 44 Certified
- Secure
- Ease of Use



TECHINICAL DATA					
MODEL	Weight (Kg)	Voltage (V)	Frequency (Hz)	Dimensions (LxWxH)	Power (W)
FINO 230 V	5.8	230	50-60	354 x 244 x 229	2300

- Available Diameter 25/40/58 mm
- Available in 05 Meter Hose
- PIN Type Coupling
- Oversized Ecentric Shaft in Head.
- 04 Oil Lubricated Bearing with Double Lock



PIN TYPE COUPLING

FINE PREMIUM GS VIBRTAOR

DRIVE UNITS

DIESEL

ELECTRIC

DRIVE UNIT COUPLING

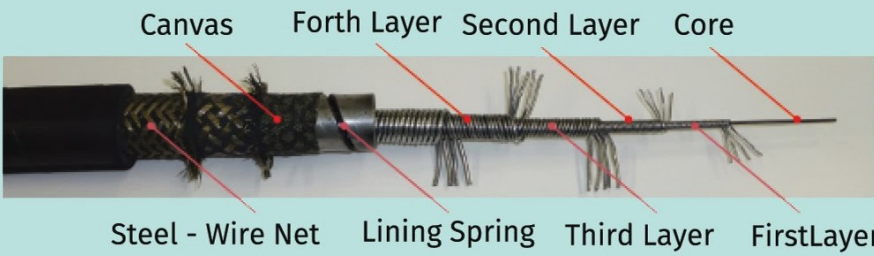
DYNAPAC COUPLING



Available in 28mm/38mm/60mm

HIGH TORQUE

- Inner shaft is hard steel wires. This is strong in tensile and twisting stress, and has resistance to wear.
- Outer hose is robust structure with high torque resistant. Strong against high speed running, vibration and water.
- Outer liner on outer hose prevent inner shaft from premature damage by bending



WET SCREEDS

An excellent manoeuvrable, super lightweight wet screed for levelling and vibrating concrete floors. A handy and light wet screed for all types of concrete, which works well without guiding rails. The standard working width of K-150 is 1,5 meter. Different K-150 types are available, depending on the type of drive unit used.

CHARACTERISTICS OF OF K- 150:

- 9.500 up to 12.000 vibrations per minute ensure rapid and easy levelling and vibrating of floors.
- The in height adjustable steering handle is directly connected to the blade.
- The specially designed shape of the blade, together with the low weight (only 9 kg for a working width of 1.5 meter), prevents ridges on the concrete surface.



LIGHTWEIGHT PNEUMATIC POWER TROWEL

This pneumatic power trowel is a sturdy and easy-touse machine, featuring a long life span. The longwearing components and high performance operating method has resulted in a strong and powerful trowel which is very user-friendly thanks to its low weight. LAP 45 pneumatic trowel can be applied to smoothen concrete surfaces or elements, for instance, in the prefab industry.

CHARACTERISTICS OF OF LAP 45:

- Provided with a powerful, heavy duty pneumatic drive unit with silencer.
- Easy replacement of the longwearing trowel disc.
- The operation handle (length max. 3 meter) features an extension fitted with an air valve and quick action coupling for connection to the air supply. This unit has to be equipped with an atomized oil lubricator, a dehumidifier and a pressure regulator.
- With operation handle for easy and quick movement of the machine

FINE COMPACTION RANGE



TAMPING RAMMER



CONCRETE CUTTER



WALK BEHIND ROLLER

STRENGTH YOU CAN TRUST

LESS MAINTANANCE MORE WORK STRENGTH YOU CAN TRUST

MOTOR GRADER

TRUCK MOUNTED
CRANE

QUICK COUPLER

NEXT GEN
CRANELIGHT
TOWER

ROCK BREAKER

MINI CRAWLER
CRANESKID STEER
LOADER

MINI EXCAVATOR



FINE EQUIPMENTS INDIA PVT LTD

Fine Centre, Behind Shroffs Shrushti,
Off Mumbai Bangalore Highway, Mhalunge
Pune 411045 - India

Mob: +91 83082 88600 / 93264 39921

Email: info@fineequipment.net

Web: www.fineequipment.net



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