

AL-ALIF CONSTRUCTION EQUIPMENTS

MANUFACTURERS OF SCAFFOLDING AND SUPPORT
SYSTEMS AN CONSTRUCTION MACHINERY



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AUTHORISED
DISTRIBUTORS FOR



**HIGH CONSTRUCTION
EQUIPMENT RANGE.**

For more information visit www.aace.co.in

PLATE COMPACTOR



Plate Compactor AACE-4050 gives a higher compaction output with a large size hardened compaction plate. Idle to compact granular soils, asphalt, and paving.

PLATE COMPACTOR AACE-4050

SPECIFICATIONS

Model		AACE4050
Prime Mover		Greaves Engine 1520with Rope starter
Fuel		Diesel
Engine Power	HP	5
Shock Absorber		Rubber Shock Absorbers
Compactor plate size L x W x H	mm	690 x 490 X 510
Applied Force	Kgf	5000
Travel speed	mtr/min	16
Weight	kg	208
Vibration Per Min	VPM	2000
Fuel Tank	Ltrs	4.5 Ltr
Frame work		Tubular steelframe work
Operating Lever		Fitted on Handle
Belt guard		Metal/Fibre beltguard
Drive		Belt drive with centrifugal clutch pulley
Size L X W X H	mm	1480 X 600 X 900
Packing Size L X W X H	mm	900 X 600 X 990
Drive wheel		Optional on extracost

TAMPING RAMMER



The Wacker Neuson Plus series 2-stroke rammers have all the advantages of classic two-stroke rammers, and offer practical convenience: two separate tanks for fuel and oil for two-stroke engines. Both fluids are poured separately, and the patented oil lubrication system automatically creates the correct mix ratio. For more excellent safety, the oil tank can be closed, thus preventing incorrect topping up of the oil level. The Plus series rammers are available in three weight classes. The low centre of gravity provides reliable propulsion and enormous stability. This prevents tilting and facilitates the work of the compactor.

Variant description: Weight 66 kg, foot width 280 mm

BS60-2 PLUS		
Ramming shoe size(W*L)	MM	280*340
Operating weight	KH	66
Stroke at ramming shoe	MM	65
Max. percussion rate	(1/MIN)	700
Engine type		WM 80

DINGO 230V



DINGO, portable electric concrete vibrator

DINGO portable concrete vibrator. A very light and easy to handle concrete vibrator that comes with a shoulder strap for easy transport, additionally, the DINGO has 3 handles for easy transportation as well as providing protection to the highly resistant housing.

The case also uses an air filter to protect against dust entering and causing damage. The DINGO comes with a 3hp motor to run the full range of AX vibrators (25mm to 58mm) and TDX transmissions (0.5m to 6m). The TDX transmissions are reinforced and the AX poker heads are fitted with 4 oiled bearings for intensive use.

MODEL	WEIGHT KG	POWER W	VOLTAGE	FREQUENCY HZ	VIBRATIONS R.P.M.	SIZE MM
DINGO 230V	5.4	2.300	230 1~	50-60	18.000	244*345*229



Rocket is a compact and efficient piece of equipment

for vibration professionals

Rocket has an electronic converter connected to a high frequency vibrator. The Rocket provides the same benefits as the AFP series but without the need for a separate generator/converter.

- Thermal protection for the stator.
- Oversized motor.
- Lubricated using oil for high performance and benefits
- Hardened head and neck on the concrete vibrator.
- No maintenance needed.

ROCKET

230V-38

DIAMETER 38 mm

LENGTH 370 mm

AMPERAGE 8 A

POWER INPUT 0,75 KW

TOTAL WEIGHT 14,6 Kg

PERFORMANCE Up to 20 m³/h

ROCKET

230V-60

DIAMETER 60 mm

LENGTH 420 mm

AMPERAGE 15 A

POWER INPUT 1,5 KW

TOTAL WEIGHT 20,6 Kg

PERFORMANCE Up to 35 m³/h

i-Spyder 230V-38/60/70



Portable electronic converter i-SPYDER

High frequency electronic concrete vibrator.

Protection at converter inlet against abrupt fluctuations in voltage.

Protection at converter outlet limiting consumption per phase.

Ergonomic box making transport and handling easier.

15 m of cable provides the concrete vibrator with plenty of autonomy.

Weight: 3,4 Kg.

Power input/Frequency: 230v~50/60Hz.

Also, available in 110v~50/60Hz.

12,000 vpm

Progressive start up to prevent high current through the poker, avoiding damage.

Converter weight: 3.4kg

MODEL	DAIMETER	LENGTH (MM)	AMPAGE (A)	POWER INPUT (KW)	TOTAL WEIGHT (KG)	PERFORMANCE (M ³ /H)
i-Spyder 230V-38	38	370	8	0.75	14.6	UP TO 20
i-Spyder 230V-60	58	420	15	1.5	20.6	UP TO 35
i-Spyder 230V-70	65	400	22	1.9	22	UP TO 40

Electronic converter - BOXEL 42V 200Hz

High frequency electronic converter for concrete vibrator
 The electronic control of the frequency guarantees maximum performance from the vibrator
 Performance of the converter is optimized by indirect cooling
 Water-resistant and damp proof
 Safe utilization voltage of - 42V
 Galvanic insulation by means of transformer
 Shock resistant robust housing
 Comes with 5 m of standard electric cable



Converter and pokers protected against:

- High current
- High voltage
- Low voltage

CONFIGURATION

MODEL	ENAR M38 AFP	ENAR M5 AFP	ENAR M6 AFP	ENAR M7 AFP	ENAR M8 AFP
BOXEL 215	2	2	1	1	1
BOXEL 225	2	2	2	1	2
BOXEL 325	3	3	2	1	2

TECHNICAL DATA

MODEL	DIMENSIONS (cm)			WEIGHT (Kg)	N° PLUGS	INPUT			OUTPUT		
	LENGTH	WIDTH	HEIGHT			POWER	CURRENT	VOLTAGE	POWER	CURRENT	VOLTAGE
BOXEL 215	48	31	18	9	2	1,7KW	7,5 A	230 V 1-50 Hz	1,5KVA	21 A	42 V 3-200 Hz
BOXEL 225	53	31	18	10	2	2,8KW	12,5 A	230 V 1-50 Hz	2,5KVA	35 A	42 V 3-200 Hz
BOXEL 325	53	31	18	10	3	2,8KW	12,5 A	230 V 1-50 Hz	2,5KVA	35 A	42 V 3-200 Hz

ENAR M AFP



Motor-in-head pokers for concrete M AFP

High frequency concrete vibrator.

The switch box, made of technical plastic (PA), is robust and watertight, completely prevents any moisture from the cement entering.

Switch protected by a reinforced rubber washer resistant to continuous use and the wear and tear of abrasive materials.

Enar motor-in-head pokers operate at a vibration frequency of 12.000 v.p.m.

The broad range of Enar vibrators can be employed for all types of vibration operations.

Their frequency and amplitude guarantee an optimal compaction of the concrete without any segregation of the elements composing the mass.

Optimal performance results in fissure free resistant concrete with a finish that is free of common defects such as honeycomb or pinholes , and a finish that is homogeneous and has no holes.



TECHNICAL DATA

MODEL	DIAMETER (mm)	LENGH (mm)	AMPERAGE (A)	WEIGHT (Kg)	PERFORMANCE (m ³ /h)
M38 AFP	38	370	8	11	Up to 20
M5 AFP	50	365	10,5	13	Up to 30
M6 AFP	58	403	15	15	Up to 35
M7 AFP	65	365	22	16	Up to 40
M8 AFP	75	400	18	18	Up to 45

- Connection: 42V/3~200Hz .
- Vibration frequency: 12,000vpm.
- Lengths: 10m cable and 5m drive shaft with other lengths available upon requested.
- Reinforced: optional rubber poker tip available.
- The 240Hz connection is also available upon requested.

MINI CRANE



Mini Crane is used to lift concrete, cement, sand, bricks, tiles, steel rods and other building material. It is widely used in high rise buildings, water proofing, quarries, building foundations, chemical factories, dam, bridge and well works.

- » Lifting Capacity of 150 kg, 300 kg, 500 Kg and 1 Ton
- » Simple Winch Hoist Mechanism
- » No foundation is required
- » Self Balanced with Smart Counter Weight System
- » 360 Degree Rotation
- » Simple Operation
- » Manufactured in Detachable Parts For Portability
- » Installed Quickly
- » Affordable Low Prices

- Reliable & Efficient
- Very Portable and Light Weight
- Low Power Consumption
- Smooth Finish
- High Quality

Lifting capacity	Wire rope specifications	Rated voltage	Rated power	Work time	Bracket takes up rope length	Applicable venue	Lifting speed	Optional wire rope length
400KG	5mm	220V	1800w	1h	5m	Minor decoration	12m/min	12/20/30
500KG	6mm	220V	2200w	2h	5m	Building decoration	14m/min	12m
	6mm	380V	1500w	continuous	5m		fast: 24m/min	20m 30m

STAR 42/P



REBAR BENDING MACHINE

- All the sheet metal parts are Powder coated.
- All electrical used are of German manufacturer like Siemens, Schneider, Nord
- it is semi-automatic with pre selection of three angles in +/- bending
- Gear Boxes of Bar Bending and Bar Cutting machines are made of Alloy Steel with heat treatment and comes with very special design as without OIL. only Grease for lubrication, so low maintenance



BENDING CAPACITY

MODEL	STAR 42	
	1	2
UNIT		
450 N/MM2	36MM	18MM
650 N/MM2	32MM	16MM

TECHNICAL SPECIFICATIONS	STAR 42
WIDTH	700MM
LENGTH	890MM
HIGHT	890MM
MOTER POWER (KW)	3KW
ROTATION (RPM)	1440 RPM
FREQUENCY (HZ)	50HZ
VOLTAGE (V)	145V-AC
WEIGHT	380 KG
GEAR MOTOR TYPE	PLANETARY GEAR MOTOR



REBAR BENDING MACHINE

A very robust machine for bending an accurate shape and size. It is equipped with a high quality Gear Motor. It's control system consist of electrical automation where three angles can be pre-selected and it can also bend in both the directions Le, clockwise and anti-clockwise.

BENDING CAPACITY

MODEL	DCB 52	
UNIT	1	2
450 N/MM2	<input type="checkbox"/> 45MM	<input type="checkbox"/> 25MM
650 N/MM2	<input type="checkbox"/> 40MM	<input type="checkbox"/> 2016MM

TECHNICAL SPECIFICATIONS	DCB 52
WIDTH	800MM
LENGTH	1240MM
HIGHT	940MM
MOTER POWER (KW)	5.5KW
ROTATION (RPM)	1440 RPM
FREQUENCY (HZ)	50HZ
VOLTAGE (V)	415V-AC
WEIGHT	510KG
GEAR MOTOR TYPE	PLANETARY

REBAR CUTTING MACHINE



REBAR CUTTING MACHINE

SIGMA heavy duty REBAR CUTTER has robust alloy casting body coupled with heavy duty electrical motor. The rebar cutter has capacity to cut High tensile rebar. It is portable and can be operated with minimum effort.

All the cutting machines has special blade design where you can use 8 cutting edges. Our Cutters are all free and requires only greasing and quality bearings

MODEL	DCM42		DCM52	
UNIT	1	2	1	2
450 N/MM2	□ 36MM	□ 18MM	□ 45MM	□ 26MM
650 N/MM2	□ 32MM	□ 16MM	□ 40MM	□ 20MM

TECHNICAL SPECIFICATIONS	DCM 42	DCM 52
WIDTH	600MM	600MM
LENGTH	1100MM	1320MM
HIGHT	1040MM	1100MM
MOTER POWER (KW)	3.7KW	5.5KW
FREQUENCY (HZ)	50HZ	50HZ
VOLTAGE (V)	415V-AC	415V-AC
WEIGHT	510KG	510KG

PETROL VIBRATOR

2 HP PETROL KEROSENE



- High-Speed
- Four Stroke
- Agricultural & Industrial Engines



Petrol Concrete Vibrator

The offered concrete vibrator is specially designed for the compaction of concrete. Our supplied concrete vibrator is highly acclaimed and liked for removing air gaps and voids from concrete. The offered concrete vibrator is easy to operate, owing to simple design. Our supplied concrete vibrator is available in variants powered by liquid fuel such as petrol and kerosene.

CAPACITY	2HP
WEIGHT	15KG
DRIVE MODE	PETROL/KEROSENE
FREQUENCY	50H _z
SPEED	3000
QUALITY	SUPERIOR
Vibrating Amplitude	3000
Automation Grade	Semi-Automatic
Voltage	NIL

ELECTRIC VIBRATOR



ELECTRIC VIBRATOR

The offered vibratory motors developed by our experts by utilizing high quality components and modern technology as per the set market standards. Accurate examined on numerous quality parameters to make certain its high performance, we provide this vibratory motor at market price to the clients.

Features:

- Cylindrical roller bearing
- Dust proof air cooled design
- Rust resistance

Other Details:

- Increased efficiency
- Enhanced reliability & low maintenance
- Rugged construction for tough environment
- Cylindrical roller bearing. Prefabricated for long life
- Robust design, body made from high grade C.I. casting
- Totally dust proof air cooled design. Can operate in dusty environments

Specifications:

- Make: Crompton Greaves
- Centrifugal force range: From 42 to 14250 N
- Operating torque range suitable for vibrating units from 3.6 to 3600 Kgs
- Working weight range: From 1 to 25 Kgs
- Power connection: From 3 Phase current with 50 Hz 415 V A.C
- Rated consumption: 0.1 to 10 KW
- Ambient temperature: Up to 60°C
- Capacity: Range starts from 0.25 hp to 5 hp





AVON
CONCRETE VIBRATOR

**WACKER
NEUSON**

SIGMA

Excalibur

USHA

BRIGGS & STRATTON



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