



# CONSTRUCTION EQUIPMENT SOLUTIONS FOR TODAY'S MARKET

TECHNOLOGY FROM UK



www.energy-ae.uk

# INTRODUCTION

The Energy team combine over 75 years of Manufacturing know how as well as experience in sales, service and market presence in multiple regions around the world, Designed, Engineered and perfected in the UK, the Energy range of equipment is assembled to meet today's market demands where a reliable, cost effective, available solution is at the forefront of today's ever demanding construction Equipment market Place.

With operations in Europe, Middle East and Asia and Sales and service Partners around the globe, the Energy team and brand are well positioned to meet local market demands whatever the challenge.

### **MISSION STATEMENT**

To provide a value added, cost effective, reliable solution whilst complying to international standards and regulations to meet our customer demands.

### **CORE VALUES**

CUSTOMER SATISFACTION ► TEAMWORK ► EXCELLENCE ► COMMUNICATION ► INTEGRITY ► INNOVATION







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# BREAKER - EB11/20/30

For Breakup Rock, Pavement & Concrete (PNEUMATIC)



### DESCRIPTION

The Energy range of standard breakers has been developed over many years with the design proven in construction & allied industries throughout the world. Powerful and manoeuvrable, the Energy pneumatic breaker has an excellent power to weight ratio. This makes it the ideal tool for a wide variety of heavy duty demolition & narrow trench work jobs.

**EB20** 

**EB30** 

- Cushioned handle grips for operator comfort & productivity.
- Silencer for effective noise suppression.
- Well balanced, manoeuverable & high strike energy.
- Quick change retainer.
- Ease of use due to swivel air connection.
- Easily maintained without specialist tools.
- Drop forged components for minimum ware & maximum life.
- Built in reservoir for automatic oiling & smooth continuous operation.
- **Small number of moving parts to minimise internal wear.**



**EB11** 

### **SPECIFICATION**

Model	Length (mm)	Frequency (BPM)	Air Consumption (CFM)	Working Pressure (Bar / PSI)	Bore (mm)	Air House (mm)	Chuck Size (mm)	Storke (mm)	Weight (Kg)	
EB11	510	1620	30	6 / 90	40	19	22	89	12.5	
EB20	625	1250	48	6 / 90	57	19	32 or 28	125	23.0	
EB30	650	1250	65	6 / 90	57	19	32 or 28	146	34.5	



# SINGLE & TRIPLE HEAD HAND SCABBLERS - ES1/3

For Removal of Laitance & Exposing Aggregate (PNEUMATIC)

### DESCRIPTION

### ES1

The Energy single head hand held scabbler is the ideal tool for small awkward areas when removing laitance or for concrete repair work. and Removing Existing Coatings Preparing Joints and Cracks

### ES3

The Energy triple head hand held scabbler is designed for medium duty work in descaling, plus laitance removal and concrete repair work, Reduction & Leveling





# POLE SCABBLER - EPS01

For Scabbling around & Below reinforcement bar (PNEUMATIC)

DESCRIPTION

The Energy pole scabbler is designed for use in corners, edges where walls and floors join or other areas where access is diffcult. Pole scabbler will to key surface without damage the base concrete.

EPSB.01

**5 POINT BUSH PISTON** 





EHSB.01

**BUSH PISTON** 

### **SPECIFICATION**

Model	Air Consumption (cfm)	Working Pressure (BAR / PSI)	Air Hose Size (mm)	Vibration M/S <sup>2</sup>	Working Width (mm)	Length (mm)	Weight (kg)
EPS01	25	5	535	535	56	1320	13

# **FLOOR SCABBLER - EHS11**

- Ergonomic handle to reduce operator exposure to

Interchangeable tungsten carbide tipped piston for

Ideal for scabbling around and below reinforcement bars

effective production and long life

hand arm vibration

High spot removal

For Removal of Laitance, Roughning & Reduction (PNEUMATIC)

- Interchangeable Tungsten carbide heads for effective production & long life.
- Ergonomic handle to reduce operator exposure to hand are Vibration
- Well balanced & manoeuvrable tool.
- Easily maintained without specialist tools.
- 11 heads providing 2,200 blows per minute.

### DESCRIPTION

The Energy 11 head scabbler is designed for fast effective removal of laitance, roughening and reduction of levels without damaging the substructure.

RUBBER HANDLE



Model	Part No.	Air Consumption (cfm)	Blows Per Min.	Noise Level D(BA)	Length (mm)	Working Width (mm)	Working Pressure (BAR / PSI)	Air Hose (mm)	Weight (kg)
11 Head Scabbler	EHS11	55	2200	110.5	813	250	6 / 90	19	70

# Energy

# BAR BENDING - EBB 42/52

For Bending of Rebar (Electrical 🕖 - 3 Phase)



## DESCRIPTION

Suitable for bending small and medium diameter rebar for the building industry. EBB42 - Max. Bending Dia - 36 mm EBB52 - Max. Bending Dia - 42 mm

### High performance, reliable and efficient

- Designed to meet all customer's needs and adapt to all kind of building sites
- Equipped with a self-braking motor and a two stage epicyclical gear motor train which is constantly enclosed in bath oil
- Equipped with a safety system (a safety micro-switch and emergency button)
- The bending angles are determined with great precision thanks to a graduated automatic regulator



						-		
			SP	ECIFICATIO	ON	FOOT CO	ONTROL	EMERGENCY STOP
Model	RPM	Power Supply	MOTOR KW   HP	R 45 KG/мм2 1ø   2ø   3ø	R 65 KG/мм2 1ø   2ø   3ø	R 80 KG/мм2 1ø   2ø   3ø	Dimension CM	Weight (kg)
EBB42	08	400V - 3PH	3.7-5.0	42 25 12	36 20 10	32 16 8	96x97x90	700
EBB52	06	400V - 3PH	5.6-7.5	52 32 20	42 25 16	36 20 12	96x97x90	780



# **BAR CUTTING - EBC42/52**

For Cutting of Rebar (Electrical () - 3 Phase)



### DESCRIPTION

Built according to yard requirement, this machine as three reduction gears increasing the shearing power with a minor consumption of energy. The axial gear in forged and processed steel and rotary parts are contained in an oil bath in a strong heavy rolled section casing. A hand mechanical control allows processing in any adverse condition. The interchangeable blades have several shearing positions. The machines are also equipped with a thermal switch with release coil on the motor. EBC42 - Max Cutting Dia - 36mm EBC52 - Max Cutting Dia - 42mm

- Casing built in single cast iron block for a high degree of sturdiness and reliability
- Two stage cutting helps for Soft cut
- Equipped with a control lever and emergency stop button
- Blades with 4 cutting sides
- 4 wheels helps for easy transportation





HAND LEVER

SAFETY GUARD

### **SPECIFICATION**

Model	RPM	Power Supply	MOTOR KW   HP	R 45 KG/мм2 1ø   2ø   3ø	R 65 КС/мм₂ 1ø   2ø   3ø	R 80 KG/мм2 1ø   2ø   3ø	Dimension CM	Weight (kg)
EBC42	90	400V - 3P	3.7 - 5.0	42 25 12	36 20 10	32 16 08	120x75x91	680
EBC52	47	400V - 3P	5.6 - 7.5	52 32 20	42 25 16	36 20 12	130x71x94	770



# **PLATE COMPACTOR - EPC65**

For Sand, Gravel & Paving Stone
HONDA #LONCIN



# DESCRIPTION

Single direction, midweight professional compaction plate with high performance. Designed to offer maximum compaction and is engineered for contracting and rental use.,

- 13kN Compaction Force
- Sealed Oil filled Vibrator with top quality Bearings for reliability and durability.
- Self-cleaning Cast Iron base plate.
- 12L water tank as standard.
- Wheel Kit fitted as standard.

# SPECIFICATION

Model	Description	Engine Power	Plate Size	Static Pressure Kg/m2	Centrifugal Force kN	Travel Speed	Vibration Level m/sec2	Weight	
EPC65GH	EPC65 Honda GX160 5.5HP - Petrol	4.8Hp/3.5kW	35x50cm	336	13	22m/min	2.85	65Kg	
EPC65GL	EPC65 LONCIN G200F 6.5HP - Petrol	6.5Hp/4.8kW	35x50cm	336	13	22m/min	2.85	65Kg	



# PLATE COMPACTOR EPC95 / EPC100

For Soil, aggregates, sand & cohesive materials

SYANMAR HONDA SLONCIN

### DESCRIPTION

Single direction, heavyweight professional compaction plate with high performance. Designed to offer maximum compaction, ideal for soil, aggregates, cohesive materials and is engineered for contracting and rental use.,

- High performance \*16kN 18kN Vibration unit for maximum compaction and forward travel speed.
- Sealed Oil filled Vibrator with top quality Bearings for reliability and durability.
- Self-cleaning Cast Iron base plate.
- \*12L water tank as standard- Petrol Model only
- Wheel Kit fitted as standard.

### SPECIFICATION

Model	Description	Engine Power	Plate Size	Static Pressure Kg/m2	Centrifugal Force kN	Travel Speed	Vibration Level m/sec2	Weight	
EPC95GH	EPC95 Honda GX160 Petrol	4.8Hp/3.5kW	50x53cm	442	16	26m/min	2.45	100Kg	
EPC95GL	EPC95 LONCIN G200F Petrol	6.5Hp/4.8kW	50x53cm	442	16	26m/min	2.45	100Kg	
EPC100DL	EPC100 LONCIN D230F/LCD170F Diesel	4.5Hp/3.4kW	50x53cm	547	18	26m/min	2.45	110Kg	
EPC100DY	EPC100 YANMAR L48 Diesel	5.4Hp/4.1kW	50x53cm	547	18	26m/min	2.45	110Kg	



# PLATE COMPACTOR EC95

For sand, gravel and paving stone



# DESCRIPTION

A heavyweight professional compaction plate with low hand-arm vibration and very high performance compaction. The EC 90 is designed to offer maximum compaction and is engineered for contracting and rental use.

- Low hand-arm vibration design for longer safe usage times.
- High performance 16KN vibration unit for maximum compaction and good forward travel speed.
- Sealed oil filled vibrator with top quality bearings for reliability and durability.
- Self cleaning base plate. The machine does not allow material or debris to collect.





EC95GH

EC95DL



EC95GL

ENGINE PRODUCTION FRAME

## SPECIFICATION

Model	Part No.	Engine Model	Engine Power (Hp)-(kW)	Plate Size (mm)	Static Pressure (Kg/m²)	Centrifugal Force (kN)	Travel Speed (m/min)	Vibration Level (m/sec <sup>2</sup> )	Weight (Kg)
EC95GH HONDA Petrol	EC95GH	GX160	4.8 - 3.6	420 x 550	419	16	20 - 25	2.10	100
EC95GL LONCIN Petrol	EC95GL	G200F	6.5 - 4.8	420 x 550	440	16	20 - 25	2.45	100
EC95DL LONCIN Diesel	EC95DL	D230F - LCD170F	4.5 - 3.4	420 x 550	440	16	20 - 25	2.45	110
EC95DY YANMAR Diesel	EC95DY	L48	5.4 - 4.1	420 x 550	440	16	20 - 25	2.45	110



### **REVERSIBLE COMPACTORS – ERC180/330**

For sand, gravel and paving stone

### DESCRIPTION

A heavy duty forward and reversible plate compactor with a 27-40kN centrifugal force, forward and reverse operation by cable. The ERC range is ideal for compaction work close to piles and concrete bases. Excellent for floor fillings, foundations, road repairs and back fill in pipe trenches.

- Maximum compaction force from 27-40kN vibration unit.
- Easy to Operate Forward / Reverse mechanism.
- Designed for easy maintenance with removable covers, belt tensioners.
- Compact design for easy maneuverability in tight situations.
- Built in lifting points provide easy transportation around site.





LIFTING HOOK

HANDLE MOUNTED HEAVY DUTY BASE PLATE THROTTLE LEVER

### SPECIFICATION

Model	Part No.	Engine Model	Electrical Option Available	Engine Power (Hp)-(kW)	Plate Size (mm)	Centrifugal Force (kN)	Frequency (Hz)	Weight (Kg)	
ERC - 180 LONCIN DIESEL	ERC180DL	D350F - LC178F	-	6.6 - 4.9	480x690	30	50	140	
ERC - 180 YANMAR DIESEL	ERC180DY	L70N	-	6.6 - 4.9	480x690	30	50	140	
ERC - 180 HONDA PETROL	ERC180GH	GX270	-	8.4 - 6.3	480x690	30	50	140	
ERC - 330 LONCIN DIESEL	ERC330DL	D440F - LC186F	Yes	9.6 - 6.9	680x900	40	40	320	
ERC - 330 YANMAR DIESEL	ERC330DY	L100N	Yes	10 - 7.4	680x900	40	40	320	
ERC - 330 HONDA PETROL	ERC330GH	GX390	Yes	11.7 - 8.7	680x900	40	40	320	



# **REVERSIBLE PLATE COMPACTOR-ERC3050**

For aggregates, sand & cohesive materials



### DESCRIPTION

Heavy duty forward & reversible compaction plate with high performance. Designed to offer maximum compaction, ideal for aggregates, sand & cohesive materials and is engineered for contracting and rental use.

- Hydraulic travel levers for positive control.
- High performance 30kN Vibration unit for maximum compaction and forward and reverse travel speed.
- **Oil filled Vibrator with top quality Bearings** for reliability and durability.
- Single point lifting eye
- Self-cleaning Cast Iron base plate.
- Wheel Kit fitted as standard.

## **SPECIFICATION**

Model	Description	Engine Power	Plate Size	Static Pressure Kg/m2	Centrifugal Force kN	Travel Speed	Vibration Level m/sec2	Weight
ERC3050DL	ERC3050 Loncin D350F-LC178F Diesel	6.6Hp/4.9kW	50x69cm	1135	30	24m/min	90	185Kg
ERC3050DY	ERC3050 Yanmar L70 Diesel	6.6Hp/4.9kW	50x69cm	1135	30	24m/min	90	185Kg
ERC3050GH	ERP350 Honda GX270 Petrol	9.0Hp/6.7kW	50x69cm	1150	30	24m/min	90	165Kg

TWIN DRUM ROLLER - ER650/750

For Soil, Asphalt & Gravel SLONCIN 😒 YANMAR

### DESCRIPTION

The Twin-Drum Walk-Behind Roller comes with hydrostatic drive system. The ER650/750 has a high compaction force but is also compact with well positioned controls making it easy to operate. Suitable for a wide range of soil and asphalt compaction applications.

- Highly responsive, low maintenance hydrostatic drive system
- High powered, reliable, 9.6hp Air cooled, Electric Start Diesel Engine.
- 20 & 24 kN high compaction force for productivity.
- Easy access, removable, front and rear anti-corrosive water sprinkler system.
- Standard Unit Comes with LED Light for Night Work





KEY START WITH WARNING LIGHT & BUZZER

DEADMAN SWITCH



HOUR METER HEAVY DUTY PARKING BRAKE

ENGINE GUARD

LIGHT

Engine Power (Hp) - (kW) Starting System Water Tank Capacity (Ltr) Centrifugal Force (kN) Weight (Kg) Model Drum Width (mm) Engine Type **Fuel Type** (L x W x H) (mm) Frequency (vpm) 2609 x 693 x 1079 ER650DL LONCIN 9.6 - 7.0 Diesel Electric (With 40 20 55 (3300) 640 650 D440F - LC186F Recoil Backup) ER650DY 2609 x 693 x 1079 650 YANMAR 10.0 - 7.4 Diesel **Electric (With** 40 20 55 (3300) 640 L100 Recoil Backup) ER750DL 2809 x 693 650 LONCIN 9.6 - 7.0 Diesel Electric (With 40 24 55 (3300) 750 x 1135 Recoil Backup) D440F - LC186F 10.0 - 7.4 ER750DY YANMAR Diesel **Electric (With** 55 (3300) 750 2809 x 693 650 40 24 x 1135 L100 Recoil Backup)

**SPECIFICATION** 



# **TRENCH RAMMERS - ETR01/02**

For Compaction of Sand, Gravel, Soil & Rock Fill

# DESCRIPTION

The Energy Trench Rammer comes equipped with a 4 stroke Honda / KAMA for easy starting and eliminates the need for pre mixing of fuel. It features excellent balance for easy control and high compaction level compaction and Suitable for Confined Spaces Such as trenches Pipework, Back Filling and also Application's

- Extra power for on cohesive materials & gradients.
- Extra strong, durable design.
- Duel-Filtration Fuel System.
- Efficents Shock Absorbers





### **SPECIFICATION**

Model	Dimensions (L x W x H) mm	Shoe Size (L x W) mm	Max Output (Hp - KW)	Fuel Type	Fuel Tank Capacity (Ltr)	Starting Mechanism	Opertional Weight (Kg)	Impact Force (KN)	Vibration Frequency (Hz)	Jumping Stoke (mm)	Percussion Rate per Min.
ETR01 Honda GX1	60 760x460x1140	330x285	4.8 / 3.6	Petrol	2.8L	Recoil	70	14	11	40-85	450-650
ETR02 Kama 173	F 760x460x1140	330x285	4.7 / 3.5	Diesel	2.8L	Recoil	80	14	10	40-85	450-650



# TRENCH RAMMERS - ETR03/04/05

For Compaction of Sand, Gravel, Soil & Rock Fill

### DESCRIPTION

The Energy Trench Rammer comes equipped with a 4 stroke Honda / Yanmar Engine for easy starting and eliminates the need for pre mixing of fuel. It features excellent balance for easy control and high compaction level compaction and Suitable for Confined Spaces Such as trenches Pipework, Back Filling and also Application's

- Extra power for on cohesive materials & gradients.
- Extra strong, durable design.
- Engine Protection Guards
- Triple-Filtation Air Cleaner System on Petrol Models
- Duel-Filtration Fuel System.
- Efficents Shock Absorbers











AIR FILTER

FILTER ELEMENTS

LIFTING HOOK

HIGH QUALITY BELLOWS HEAVY DUTY FOOT

### SPECIFICATION

Dimensions (L x W x H) mm Shoe Size (L x W) mm Opertional Weight (Kg) Percussion Rate per Min. Jumping Fuel Type Starting Mechanism Output (Hp - KW) Frequency (Hz) Capacity (Ltr) Stoke (mm) Force (KN) ETR03 760x365x1140 330x285 3.6 / 2.7 Petrol 2.8L Recoil 70 14 11 40-85 450-650 Honda GXR120 FTR04 760x460x1140 330x285 5.4 / 4.1 Diesel 2.8L Recoil 80 14 10 40-85 450-650 Yanmar L48 ETR05 760x365x1140 330x285 3 / 2.3 Petrol 2.8L Recoil 70 14 11 40-85 450-650 GX100



# **TIPUP MIXER - E140E**

For Mixing of Concrete



### DESCRIPTION

A heavy duty mixer designed for professional and rental use. The Tipup Mixer 140 can be used on and off its stand and is the ideal portable and robust solution for mixing concrete and mortar.

- Compact and portable for easy transportation.
- Mixes a full barrow load of concrete or mortar.
- Complete with barrow height swivel stand.
- Proven robust and durable design.
- Extra thick drum with 'quick mix paddles'.





## **SPECIFICATION**

Model	Part No.	Motor Power (Hp) - (kW)	Max. Drum Capacity (Ltr)	Max. Mixing Capacity (Ltr)	Drum Speed (rpm)	Paddle Type (mm)	Width (mm)	Height (mm)	Length (mm)	Weight (Kg)
TIPUP MIXER 140 230v	E140E	0.75 - 0.55	140	100	24	2x Rapid Mix	597	890	1211	55
TIPUP MIXER 140 110v	E140E/110	0.75 - 0.55	140	100	24	2x Rapid Mix	597	890	1211	55



# CONCRETE MIXER - E350

For Mixing of Concrete



## DESCRIPTION

e

A heavy duty, large capacity site mixer, with all the common features that a professional builder needs. Designed and manufactured with high performance and durability in mind the E 350D is ideal for continuous use on large sites.

- Heavy duty and robust chassis designed to withstand the worst site condition.
- Loads and tips either side for fast operation.
- Foot operated tip lock and large tip wheel for added safety and control with large mixes.
- Lockable 'stay cool' engine compartment for security and 'lid down' operation.
- Large wheels, draw bar and steering axle for easy maneuverability on site.



DUTY HAND WHEEL



E350E ELECTRIC

# SPECIFICATION

Model	Part No.	Engine / Motor Power (Hp) - (kW)	Max. Drum Capacity (Ltr)	Max. Mixing Capacity (Ltr)	Drum Speed (rpm)	Width (mm)	Height (mm)	Length (mm)	Weight (Kg)	
E350 Diesel LONCIN D350F - LC178F	E350DL	6.6 - 4.9	350	290	26	900	1600	2100	328	
E350E Electric 230V & 400V	E350E/E350TF	3.0 - 2.2 / 4.0 - 3.0	350	290	26	900	1600	2100	328	
E350G Petrol Honda GX270	E350GH	6.2 - 4.6	350	290	26	900	1600	2100	328	



# ENERGYVIB+ 01/02

(Electrical 🕖)



### DESCRIPTION

Handheld Concrete Vibrator (starts with 1.5m Flexible Shaft) is a professional compact system, widely used in construction places. Easy to operate, the electric concrete vibrator is essential to ensure air removal from concrete.

- Compact in design.
- Double isolated electric motor for high protection of the operator.
- Light weight.
- Great zone area and vibration.
- Long-lasting flexible shaft. Vibrating Heads which incorporate double bearing.
- Quick connection system to exchange shafts and vibrating poker heads.
- Available in various Flexible Shaft
- Clip on shoulder strap included.



### **SPECIFICATION**

Model	Part No.	Motor Speed (No Load)	Input Power (V - amp)	Power (W)	Weight (Kg)
Energyvib+ Drive unit 230v 50/60Hz	Energyvib+ 01	16000	230 - 10	2800	6
Energyvib+ Drive unit 115v 50/60Hz	Energyvib+ 02	16000	110 - 15	2800	6

Poker Heads	2				
Head Diameter (mm)	Head Length (mm)	Frequency (Hz)	Centrifugal Force (kN)	Frequency VPM	Weight (Kg)
25	315	230	900	12000	0.8
38	455	220	4050	12000	2.5
48	495	210	5060	12000	4
60	575	200	6500	12000	6

Flexible	e Shafts
Length (m)	Weight (Kg)
1.5	3.5
2	5
3	7.5
4	10
5	12.5



# **ENERGYTECH+**

(Electronic 🕖)

# DESCRIPTION

Our new range of electronic vibrators represent a significant technological advancement over conventional high-frequency vibrators. The electronic converter is integrated within the transmission, eliminating the need for standalone converters commonly used, thereby offering greater versatility for many applications.

 Built-in motor protection for short circuits, ground fault, high temperature and phase failures. Electronic components are well-protected against power surges and vibration, offering greater safety, reliability and handling. (15m Cable as Standard)

### NEW GENERATION DIGITAL ELECTRONICS

Easy to use: just connect it directly to a single phase 230 V - 50/60 Hz grid. Also available with tension of 115 V - 50/60 Hz



Part Number	Model	Poker Diameter mm	Length Head mm	Hose Length M	VPM	Centrifugal Force (N)	Nominal Current (amp)	Weight (Kg)
ETH 38 230/7	Energytech+ 38 (230V)	38	360	7	13500	1500	2.5	17
ETH 38 115/7	Energytech+ 38 (115V)	38	360	7	13500	1500	2.5	17
ETH 50 230/7	Energytech+ 50 (230V)	50	398	7	12000	3400	4	19
ETH 50 115/7	Energytech+ 50 (115V)	50	398	7	12000	3400	4	19
ETH 60 230/7	Energytech+ 60 (230V)	60	405	7	12000	5200	6	20
ETH 60 115/7	Energytech+ 60 (115V)	60	405	7	12000	5200	6	20
ETH 70 230/7	Energytech+ 70 (230V)	70	405	7	12000	7000	8	21
ETH 70 115/7	Energytech+ 70 (115V)	70	405	7	12000	7000	8	21
Supply Valt	200.230/110 50	/40 H-			Othor	Cinco Aug	ilabla on l	Dequest

# SPECIFICATION

Supply Voltage: 230/110 - 50/60 Hz.

Other Sizes Available on Request



# **EHF POKERS**

(Electrical 🕖)

### DESCRIPTION

The high frequency poke vibrators (EHF) are installed in a powerful motor sealed in EPOXY resin, which protects it from the vibrations. All models are equipped with a protective system which prevents overheating. The transmission is composed of 10 metres of electric cable and 5 metres of hose reinforced with braided metal. The control panel is a waterlight (IP-52) structure constructed in polyamide with an incorporated switch.

# SPECIFICATION

Part Number	Poker Diameter mm	Length Head mm	Hose Length m	VPM	Amplitude	Centrifugal Force (N)	Nominal Current (amp)	Weight (Kg)
EHF 38 / 5	38	360	5	13500	1.5	1500	5	12
EHF 38 / 12	38	360	12	13500	1.5	1500	5	22
EHF 50 / 5	50	398	5	12000	2.8	3500	12	14
EHF 50 / 12	50	398	12	12000	2.8	3500	12	24
EHF 60 / 5	60	405	5	12000	3.3	5500	18	16
EHF 60 / 12	60	405	12	12000	3.3	5500	18	26
EHF 70 / 5	70	405	5	12000	2.5	7000	17	18
EHF 70 / 12	70	405	12	12000	2.5	7000	17	28

Other Sizes Available on Request



# **EFC ELECTRONIC CONVERTERS**

(Electrical ())

# EFC 20M



EFC 60TF

### **DESCRIPTION**

Electronic converters are completely safe, with no risk of breakdown from wear and tear, due to their lack of mobile elements. The incorporated electric security measures protect them from breakdown due to voltage variations and power surges. The weight difference with regards to rotative converters ensures an ease to use working condition as well as high reliability.

# **EFC MAGNETIC CONVERTERS**

EFC 20TF

# DESCRIPTION

Our converters do not require any maintenance as they are fitted with permanent magnets, which guarantee a stable output voltage throughout their entire useful life and allow disassembly of the converter without danger of demagnetisation. Our entire range of converters can be connected to any poker vibrator of the same voltage.



EFC 30TF



High frequency generator petrol



EFC 20GH

Part Number	Туре	Supply (V - Hz)	Phase	No. of Outlet	Current (amp)	Weight (Kg)
EFC 20M	ELECTRONIC	230 - 50/60	1	2	30	18
EFC 20TF	MAGNETIC	400 - 50	3	2	30	24
EFC 30TF	MAGNETIC	400 - 50	3	3	40	36
EFC 60TF	ELECTRONIC	400 - 50/60	3	4	65	58
EFC 20GH	PETROL / DIESEL	5.5 Hp	-	2	30	31

## **SPECIFICATION**





# **MECHANICAL POKERS & DRIVE UNITS**

For Driving Mechanical Pokers **Robin Sconcin (Electrical )** 1 Phase)

### DESCRIPTION

A robust and compact drive system designed for heavy site and rental use, providing effective air removal from concrete from a portable independent power source.

- 6m heavy duty reinforced flexible shaft.
- Industry standard 'Two dog' drive coupling.
- Robust and durable engine protection frame.





TWO DOG DRIVE COUPLING

JKER HEADS





### **SPECIFICATION**

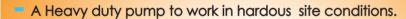
Model	Part No.	Poker Diameter (mm)-(Inch)	Head Length (mm)	Shaft Length (m)	Frequency (Hz)	Amplitude (mm)	Weight (kg)
Mech 25mm Poker	EVP25	25	295	6	187	1.0	9.5
Mech 35mm Poker	EVP35	35	330	6	187	1.2	14.5
Mech 45mm Poker	EVP45	45	375	6	187	1.2	18
Mech 55mm Poker	EVP55	55	390	6	187	1.2	19
Mech 65mm Poker	EVP65	65	410	6	187	1.2	24
Part No.		Engine model	Engine Power (Hp)-(kW)	Engine Speed (Recommended rpm)	Length (mm)		eight Weight mm) (kg)
EDU20G - Robin Pe	etrol	EY20D	5 - 3.7	2800	445	420 5	520 26
EDU20GL - Loncin P	etrol	G200F	6.5 - 4.8	2800	445	420 5	520 26
EDU20D - Kama Di	esel	KM173F	5 - 3.7	2800	500	430 6	530 38
EDU20DY - Yanmar I	Diesel	L48	5.4 - 4.1	2800	500	430 6	530 42
EDU20E - Electri	ic	230v Motor	3.4 - 2.5	2800	450	240 3	300 14

Energy

EWP WATER PUMP 6M -75MM - EWP01 For Dewatering the water

# DESCRIPTION

Energy EWP Heavy Duty water pump is designed for pumping even with the dirtiest of water.



- Can be used for pumping water with small solids.
- Good flow rates with high lift head.
- Standard 2 dog coupling.
- Used in conjunction with a Poker Drive unit.



TWO DOG COUPLING

# SPECIFICATION

	acity ( L / Min)	Lift (M)	(mm) / (Inch)	Shaft Length (M)	Weight (kg)
EWP01	1200	16	75 / 3	6	18



# **SINGLE BEAM SCREED - ESG01**

# For Finishing Freshly Poured Concrete HONDA



### DESCRIPTION

When finishing concrete slabs, Energy wet screed can fit the demands of every job site with a variety of blade lengths, plus each unit is designed to fit the demands of every operator. Two isolators and specialized lower handle mount design reduce vibration to the operator. The squeeze grip handle is also foldable for easy transport and storage.

- Quick clamp on 4 stroke petrol power unit.
- Lightweight unit features lifting handle for easy transport.
- High production unit for quick and accurate strike-off of concrete slabs with or without the support of grade stakes and forms.
- Fully enclosed exciter for operator production and low maintenance.





EASY TO ATTACH

SPECIFICATION

Model	Part No.	Engine Power (Hp) - (kW)	Frequency (Hz)	Max. Compaction Deptch (mm)	Width (mm)	Height (mm)	Length (mm)	Weight (Kg)	
Single beam screed Petrol	ESG01	Gx35 Honda 1.6 / 1.2	83	75	700	440	1040	14.6	
	Mode	el Part N	o. Width (mm)	Height (mm)	Length (mm)	Weight (Kg)			
	1.9m B	eam ESB1	200	100	1900	8			
	3m Be	am ESB3	200	100	3000	12.5			
	4m Be	am ESB4	200	100	4000	17			



# **POWER TROWEL – ET600**

For Smooth Finish of Concrete HONDA #LONCIN Electrical (3)

### DESCRIPTION

600mm Power Trowel for producing high quality finish on concrete in small confined areas, with the top rotating guard enables close to wall trowelling to suit professional users and rental fleets.

- Compact design
- **Foldable** handle
- **Centrifugal Clutch**
- Top rotating Guard Ring for close to wall applications
- Trowel comes with float pan as standard
- Screw Pitch blade adjustment
- Safety Deadmen Switch



FINISH BLADE SWICH

COLLAPSIBLE HANDLE

PAN

# **SPECIFICATION**

Model	Part No.	Engine/Motor Power (Hp)-(kw)	Trowelling Diameter (mm) - (Inch)	Trowelling Speed (rpm)	Width (mm)	Height (mm)	Length (mm)	Weight (Kg)		
Power Trowel Robin / Honda GX160	ET600GH	5.5 - 4	600 - 24	60 - 165	600	930	1500	65.0		
Power Trowel Loncin G200F	ET600GL	6.5 - 4.8	600 - 24	60 - 165	600	930	1500	65.0		
Power Trowel 220v	ET600E	3.0-2.2	3.0-2.2 600 - 24		600	930	1500	65.0		
			MODEL							
		Model				Part No.				
	Ρον	wer Trowel Float Pan			ET600.000					
	Power Tro	wel Finishing Blades (			ET600.001					



# **POWER TROWEL – ET1000**

For Smooth Finish of Concrete **#LONCIN HONDA Robin** Electrical (7)

### DESCRIPTION

High power trowels, available in 900 diameter, help produce high quality finish on concrete. They have a very high specification to suit professional users and rental fleets and are designed for continuous use on large floors.

- Accurate screw adjusted pitch control.
- Operated clutch system for ultimate low speed control and easy starting.
- Excellent operator comfort handle bar.
- Trowel comes with float pan as standard.











LIFTING HOOK SAFETY DEADMEN

### **SPECIFICATION**

FINISH BLADE SWICH

COMBINATION BLADE

PAN

Model	Part No.	Engine/Motor Power (Hp)-(kw)	Trowelling Diameter (mm) - (Inch)	Trowelling Speed (rpm)	Width (mm)	Height (mm)	Length (mm)	Weight (Kg)	
Power Trowel Loncin G200F	ET1000GL	6.5 - 4.8	925 - 36.5	65 - 155	975	1005	2021	98.5	
Power Trowel Honda / Robin	ET1000GH ET1000G	5.5 - 4.0	925 - 36.5	65 - 155	975	1005	2021	98.5	
Power Trowel 220v	ET1000E	3.0-4.0	925 - 36.5	65 - 155	975	1005	2021	98.5	
Power Trowel Locin D230F - LCD170F	ET1000DL	4.5 - 3.4	925 - 36.5	65 - 155	975	1005	2021	98.5	
			MODE						
			Part No.						
		E	T1000.000						
Power Trowel Finishing Blades (Set of 4)						ET1000.001			
	Power Trowe	el Combination Blade		E	T1000.002				





# **FLOOR SAW - EFS 450/500**

For Straight Cutting of Concrete and Asphalt

₩YANMAR **#LONCIN HONDA** 

### DESCRIPTION

High capacity saw, heavy duty steel chassis, this rugged machine meets demands of tough materials and applications for long and trouble free operations. The EFS 450D is a very productive saw for all floor and road applications in concrete and asphalt. Accurate control and good stability ensures smooth cutting and reduces blade wear. An ideal machine for rental and endurance.

- Accurate easy moving 'Hand Wheel' depth adjustment
- Corrosion resistant water tank 45 litres
- Easy to operate and accelerate-efficient weight distribution
- Central lift points and handles fitted as standard
- Cutting depth gauge with indicator for both 400
   & 450mm blades and cut pointer guide fitted as standard
- Available with Petrol Engine (Honda)







POINTER



SPECIFICATION

TRANSPORT WHEEL

DEPTH GAUGE

Part No	Model	Engine Power (Hp/kW)	Electrical Start Available	Blade Size (mm)	Max. Depth of Cut (mm)	Width (mm)	Height (mm)	Length (mm)	Weight (kg)
EFS450DL EFS500DL	450mm Floor Saw Loncin diesel engine D440F - LC186F	9.6 - 6.9	Yes	450 x 25.4 500 x 24.4	170 186	550	920	1100	140
EFS450DY EFS500DY	450mm Floor Saw Yanmar diesel engine L100	10.0 - 7.4	Yes	450 x 25.4 500 x 24.4	170 186	550	920	1100	140
EFS450GH EFS500GH	450mm Floor Saw Honda Petrol engine GX390	9.6 - 6.9	Yes	450 x 25.4 500 x 24.4	170 186	550	920	1100	140



1

# **FLOOR GRINDER - ECG520**

For levelling & smoothing of concrete (Electrical ) - 1 & 3 Phase)

### DESCRIPTION

The Energy floor grinder (ECG520) is designed for medium to heavy duty application & floor preparation.

This highly effective and powerful machine which is widely used for new coatings preparation, Removal of Exsiting coatings and adhesives, polishing of concretes, Repairing of old and damaged concretes.

- Dual Grinding disc with 590 mm grinding width
- Dual dust extract ports for dust free environment
- Heavy duty steel large gears & small gears
- Reduced vibration and smooth operation on rough surfaces.
- Additional weights options for increased production





Dual Diamond Disc

EGD3505620B M 30#

### SPECIFICATION

Model	Motor Power (Hp) - (kW)	Voltage	Frequency	Disc Speed	Disc Size	Vacuum Port	Dimention (L x W x H) (mm)	Weight (Kg)
ECG520	3 - 2.2	230 V	50/60 Hz	360 rpm	250 x 2	50mm x 2	1220 x 660 x 914	130
ECG520T	7.5 - 5.5	400 V	50/60 Hz	360 rpm	250 x 2	50mm x 2	1220 x 660 x 914	140

# FLOOR SCARIFIER - EFP220

For Removal of hard coating & Excess concrete (Electrical 🕖 - 1 Phase)

### **DESCRIPTION**

The Energy floor scarifer (EFP220) is designed for light to medium duty application / floor preparation This simple and effective machine which is widely used in rental fleets.





200mm TCT Cutter Drum

EFP3205500

- Removal of excess concrete & hard coatings
- Ieveling and removing layers of hard material
- Removing hard painted lines Texturing and grooving concrete
- Fitted with vacuum adaptor for dust free performance
- Depth control for very accurate performance
- Easy maintainence Roughening concrete
- Deadman switch for easy and controlled performance

Model	Motor Power (Hp) - (kW)	Voltage	Frequency	Cutter Speed	Working Width	Vacuum Port	Max Depth of Cut (mm)	Dimention (L x W x H) (mm)	Weight (Kg)
EFP220	3 - 2.2	230 V	50/60 Hz	1650 rpm	195 mm	50mm	4 mm	800 x 500 x 950	72



# TABLE SAW – ETS - 315 - 500

For wood cutting Electrical  $(\mathcal{F})$  -1 & 3 Phase

### **DESCRIPTION**

Energy table saw designed for cutting solid wood and composite boards. It is powerful and easy to use, available with a choice of motors and is ideal for contractors and rental users.

- Powerful 2200W, 2800W and 4200W induction motors.
- Long life TCT blades 315mm & 500mm.
- Sturdy, powder coated sheet steel design and galvanized tabletop.
- Left and right table length extension
   (with option to use as table width extension).
- = Suction guard with suction hose.
- Height adjustment saw blade by a hand wheel.
- 2 handles and wheels for easy transport.
- **Sturdy parallel guide/ripping fence.**



# SPECIFICATION

Model Code	Description	Motor Power	Table Size(mm)	Cutting height Maximum(mm)	Idle Speed 1/min	Weight kg
ETS01M	Table saw 315mm 230v	230v - 2200w	800*550	83	2800	53
ETS02T	Table saw 315mm 400v	400v - 2800w	800*550	83	2800	55
ETS03T	Table saw 500mm 400v	400v - 4200w	660*1000	150	2800	103



# **PORTABLE REBAR BENDER – EHBB01**

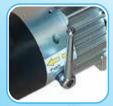
For Bending of Rebar

(Electrical 🕖 - 1 Phase)

### **DESCRIPTION**

Energy Portable Rebar Bender with an electro-hydraulic drive, that offers great user comfort when bending reinforcing steel. Suitable for bending small-diameter rebar for the construction industry. EHBB01 – Max. Bending Dia – 32mm

- Compact, High performance, reliable and efficient.
- Designed to meet the smaller site demands and confined areas.
- Quick and clean bends on varying rebar diameters (MAX 32mm) easy and quiet operation.
- Advanced technology with a one-button start and directional valve
- lever for excellent bending results



MODE CONTROL LEVER



LIFTING HOOK

# SPECIFICATION

Model	Power Supply	Watt	Bending Range	Max RebarHardness	Bending Speed	Dimensions	Weight
EHBB01	230v –1PH	1600 W	4mm – 32mm	Tensile strength 650N/mm	5.0 – 8.0 sec	560*260*200	24 kg

### **SERVICES**

**Stock and Availability:** Energy understands the need for an on time delivery in everyway. Energy guarantees all customised stock solutions and supports a healthy local stock holding at a partner near you.

**Spare Parts:** Through our many years of experience not only on the manufacturing front but also with sales and distribution, Energy understand that unplanned breakdowns and events are inevitable. Energy ensure a reliable availability of spare parts via local partner network and or customized agreement helping ensure all eventualities are dealt with in speed.

**Engineering and Design:** Energy are happy to hear feedback on the performance of their equipment and also any recommendations for improvement. Key to our success is not only our valuable experience but the important customer feedback that we continue to receive today. Energy also considers itself a flexible supply chain partner so if you don't see what you want today, please let us know and we will be happy to work with you on a solution.

Service and Suport: At Energy we understand that once you make to the decision to work with us a supply chain partner, the product must be supported to the best levels possible. We offer industry standard warranties and are also available for special customised packages on request.

Energy are well placed to do this with regional operations and local partners offering fully certified training either directly or via the growing distribution network





SPARE PARTS





ENGINEERING AND PRODUCTION









AFTER SALES SERVICE AND SUPPORT





### INTERNATIONAL STANDARDS

Complying, achieving and being awarded international standards for production and genera overall quality standards is at the heart of Energies success and future. Energy are happy to boast the fallowing approvals to date and are open to achieving more in he with customer country specific demands. If you don't see what you want, please ask and I am sure we can achieve.



### OPERATIONS 🖨

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