



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



MAIN MARKET PLACE

Middle East - Europe - UK - Africa - Americas - Asia

MARKET SECTORS

- Construction Equipment Suppliers and Partners
- Rental Companies
- Fleet based end users
- Equipment finance companies

KEY MANUFACTURING AND OPERATIONAL HUBS

UK
EUROPE
MIDDLE EAST
ASIA



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BREAKER - EB11/20/30

For Breakup Rock, Pavement & Concrete
(PNEUMATIC)



EB30

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.

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



EB20



EB11

SPECIFICATION

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

SINGLE & TRIPLE HEAD HAND SCABLERS - 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

- The tool incorporates a special shaped handle for operator comfort
- Interchangeable Tungsten Carbide tipped piston for effective production and long life
- Lightweight & maneuverable for working in confined spaces
- Designed for quick and easy maintenance without specialist tools.
- It is made to the same high standards for reliable and durable performance as the larger tools in the range



ESB.01



BUSH PISTON

ESC.01



CRUCIFORM PISTON

SPECIFICATION

Model	Part No.	Air Consumption (cfm)	Blows Per Min.	Length (mm)	Working Pressure (BAR / PSI)	Air Hose (mm)	Weight (kg)
Single Head Scabbler	ES1	5	2800	535	6 / 90	19	2.75
Triple Head Scabbler	ES3	25	2800x3	535	6 / 90	19	5

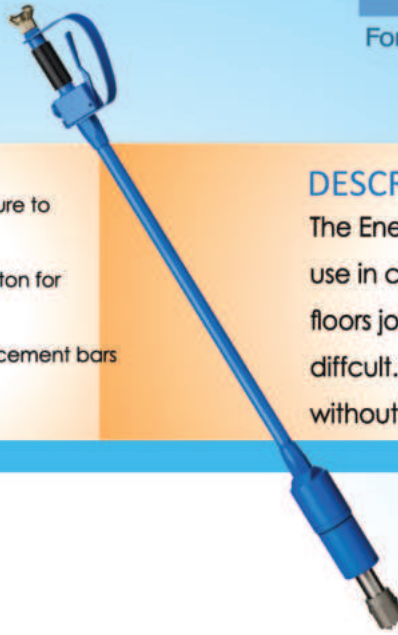
POLE SCABBLER - EPS01

For Scabbling around & Below reinforcement bar
(PNEUMATIC)

- Ergonomic handle to reduce operator exposure to hand arm vibration
- Interchangeable tungsten carbide tipped piston for effective production and long life
- Ideal for scabbling around and below reinforcement bars
- High spot removal

DESCRIPTION

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



EPSB.01



RUBBER HANDLE



5 POINT BUSH PISTON

SPECIFICATION

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

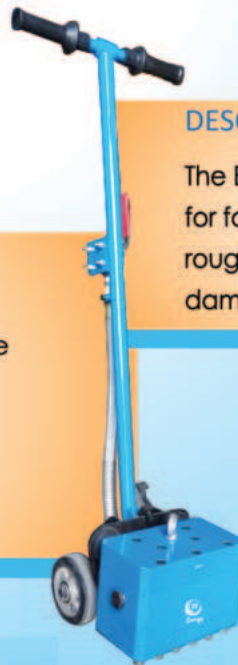
FLOOR SCABBLER - EHS11

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.



EHSB.01



RUBBER HANDLE



BUSH PISTON

SPECIFICATION

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

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



FOOT CONTROL



EMERGENCY STOP

SPECIFICATION

Model	RPM	Power Supply	MOTOR KW HP	R 45 KG/MM ² 1ø 2ø 3ø	R 65 KG/MM ² 1ø 2ø 3ø	R 80 KG/MM ² 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



EASY TRANSPORT



SAFETY GUARD

SPECIFICATION

Model	RPM	Power Supply	MOTOR KW HP	R 45 KG/MM2 1φ 2φ 3φ	R 65 KG/MM2 1φ 2φ 3φ	R 80 KG/MM2 1φ 2φ 3φ	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

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 Rebar Hardness	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

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/m ²	Centrifugal Force kN	Travel Speed	Vibration Level m/sec ²	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



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/m ²	Centrifugal Force kN	Travel Speed	Vibration Level m/sec ²	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

YANMAR LONCIN HONDA



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/m ²)	Centrifugal Force (kN)	Travel Speed (m/min)	Vibration Level (m/sec ²)	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

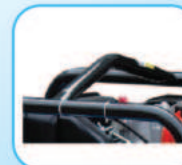
YANMAR LONCIN HONDA



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 THROTTLE LEVER



HEAVY DUTY BASE PLATE

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/m ²	Centrifugal Force kN	Travel Speed	Vibration Level m/sec ²	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
LONCIN **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



LIFTING HOOK



KEY START WITH WARNING LIGHT & BUZZER



DEADMAN SWITCH



HOUR METER



HEAVY DUTY PARKING BRAKE



LIGHT



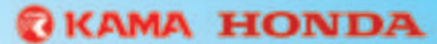
ENGINE GUARD

SPECIFICATION

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

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

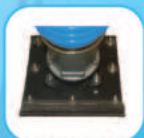
- Extra power for on cohesive materials & gradients.
- Extra strong, durable design.
- Duel-Filtration Fuel System.
- Efficents Shock Absorbers



LIFTING HOOK



HIGH QUALITY BELLOWS



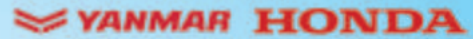
HEAVY DUTY FOOT

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	Operational Weight (Kg)	Impact Force (KN)	Vibration Frequency (Hz)	Jumping Stoke (mm)	Percussion Rate per Min.
ETRO1 Honda GX160	760x460x1140	330x285	4.8 / 3.6	Petrol	2.8L	Recoil	70	14	11	40-85	450-650
ETRO2 Kama 173F	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-Filtration Air Cleaner System on Petrol Models
- Duel-Filtration Fuel System.
- Efficients Shock Absorbers



AIR FILTER



FILTER ELEMENTS



LIFTING HOOK



HIGH QUALITY BELLOWS



HEAVY DUTY FOOT

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	Operational Weight (Kg)	Impact Force (KN)	Vibration Frequency (Hz)	Jumping Stoke (mm)	Percussion Rate per Min.
ETR03 Honda GXR120	760x365x1140	330x285	3.6 / 2.7	Petrol	2.8L	Recoil	70	14	11	40-85	450-650
ETR04 Yanmar L48	760x460x1140	330x285	5.4 / 4.1	Diesel	2.8L	Recoil	80	14	10	40-85	450-650
ETR05 GX100	760x365x1140	330x285	3 / 2.3	Petrol	2.8L	Recoil	70	14	11	40-85	450-650

TIPUP MIXER - E140E

For Mixing of Concrete
Electrical ⚡



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'.



SWIVEL STAND



RUBBER HANDLE



EASY TRANSPORT

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

LONCIN HONDA Electrical ⚡



DESCRIPTION

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.



FOOT LEVER



LARGE HEAVY 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	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

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 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



SPECIFICATION

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 Voltage: 230/110 - 50/60 Hz.

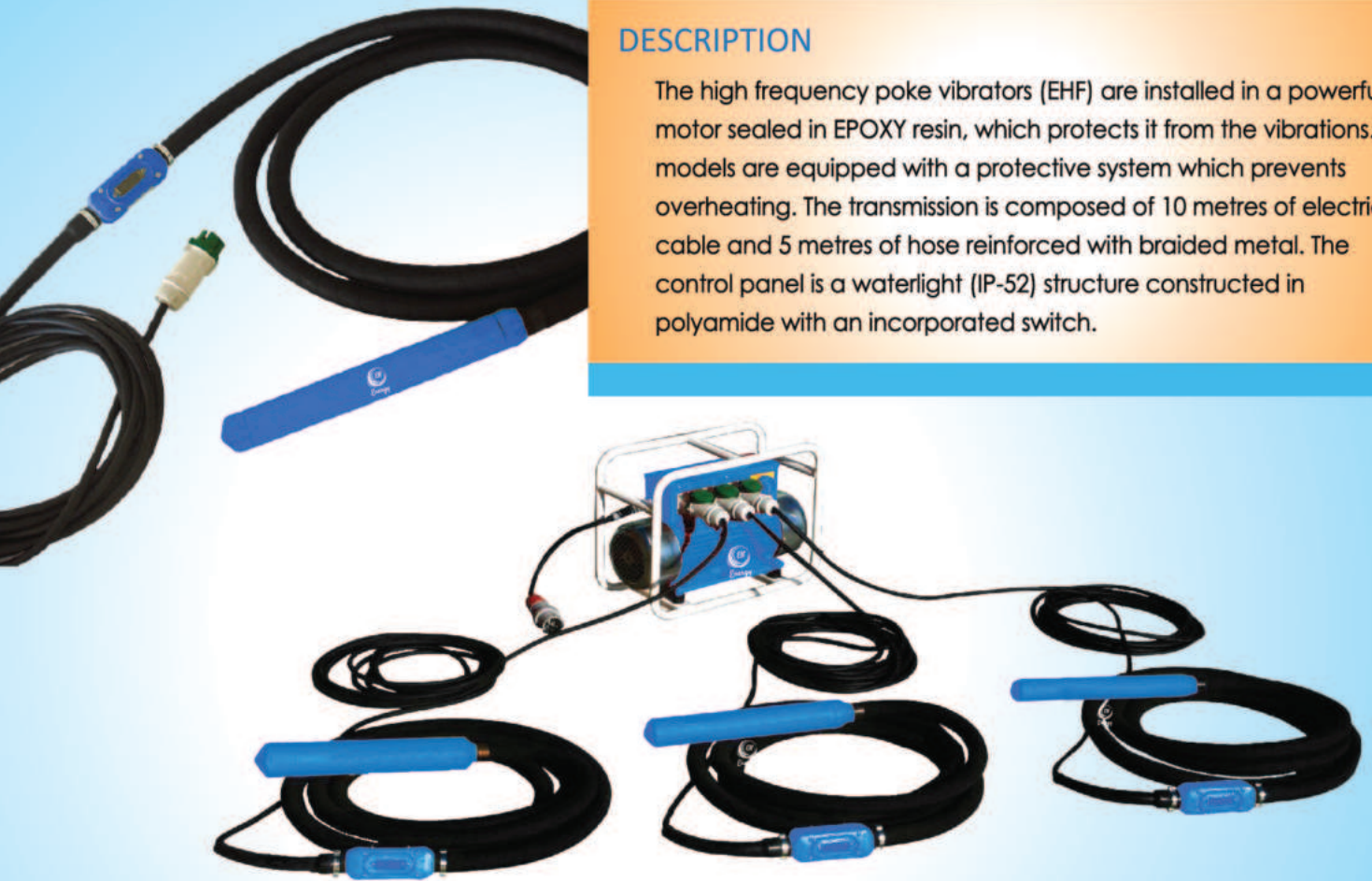
Other Sizes Available on Request

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 watertight (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	410	5	12000	2.8	3500	12	14
EHF 50 / 12	50	410	12	12000	2.8	3500	12	24
EHF 60 / 5	60	416	5	12000	3.3	5500	18	16
EHF 60 / 12	60	416	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 ⚡)

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 20M

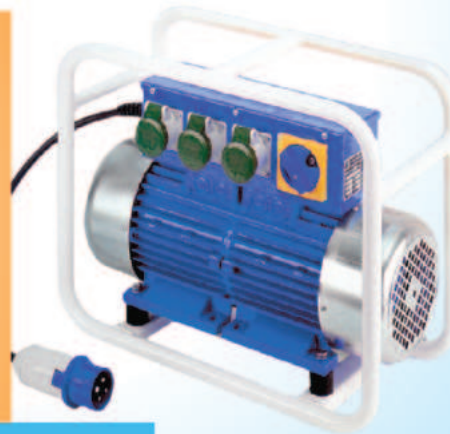


EFC 60TF

EFC MAGNETIC CONVERTERS

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



EFC 20TF

High frequency generator petrol



EFC 20GH

SPECIFICATION

Part Number	Type	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

MECHANICAL POKERS & DRIVE UNITS

For Driving Mechanical Pokers

Robin **Loncin** **KAMA** (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



POKER 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)	Width (mm)	Height (mm)	Weight (kg)
EDU20G - Robin Petrol	EY20D	5 - 3.7	2800	445	420	520	26
EDU20GL - Loncin Petrol	G200F	6.5 - 4.8	2800	445	420	520	26
EDU20GH - Honda Petrol	GX160	5-3.7	2800	445	420	520	26
EDU20D - Kama Diesel	KM173F	5 - 3.7	2800	500	430	630	38
EDU20DY - Yanmar Diesel	L48	5.4 - 4.1	2800	500	430	630	42
EDU20E - Electric	230v Motor	3.4 - 2.5	2800	450	240	300	14

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.

- A Heavy duty pump to work in hardous site conditions.
- 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

Model	Maximum Capacity (L / Min)	Maximum Lift (M)	Outlet size (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.



RUBBER HANDLE



STAND



EASY TO ATTACH

SPECIFICATION

Model	Part No.	Engine Power (Hp) - (kW)	Frequency (Hz)	Max. Compaction Depth (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

Model	Part No.	Width (mm)	Height (mm)	Length (mm)	Weight (Kg)
1.9m Beam	ESB1	200	100	1900	8
3m Beam	ESB3	200	100	3000	12.5
4m Beam	ESB4	200	100	4000	17

POWER TROWEL – ET600

For Smooth Finish of Concrete

HONDA **LONCIN** Electrical ⚡



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



SAFETY DEADMEN SWITCH



FINISH BLADE



PAN



COLLAPSIBLE HANDLE

SPECIFICATION

Model	Part No.	Engine 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	2.2Kw	600 - 24	60 - 165	600	930	1500	65.0

MODEL

Model	Part No.
Power Trowel Float Pan	ET600.000
Power Trowel Finishing Blades (Set of 4)	ET600.001

POWER TROWEL – ET1000

For Smooth Finish of Concrete

LOCIN HONDA Robin Electrical



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 SWITCH



FINISH BLADE



COMBINATION BLADE



PAN

SPECIFICATION

Model	Part No.	Engine 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	925 - 36.5	65 - 155	975	1005	2021	98.5
Power Trowel 220v	ET1000E	3Kw	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

MODEL

Model	Part No.
Power Trowel Float Pan	ET1000.000
Power Trowel Finishing Blades (Set of 4)	ET1000.001
Power Trowel Combination Blades (Set of 4)	ET1000.002

RIDE ON TROWEL - EROT01

For smooth finish of concrete

HONDA

DESCRIPTION

The Energy Ride on Power Trowel is a well balanced high torque floating and finishing machine. Rigid in design but with simple mechanical construction to ensure contractors get the optimum productivity and finishing required on small or large sites. It has a floating diameter of 2 x 925 mm along with comfortable operating position and easy to use controls.



Wheel & Tow



Adjustable LED



Strong Blade Pitch control



Heavy Twin Stick Steering



Heavy Duty Guard

- Heavy duty gearboxes provides longer life and low maintenance.
- Steering system features a twin-stick multi-directional steering system, providing immediate machine control and precise manoeuvrability.
- Fine hand control for blade pitch ensures precise blade adjustment.
- Tilt forward seat reveals a built-in hoist hook for transport on or off the work site and allows easy engine access.
- Low machine profiles provide a low centre of gravity and check the working area easily.
- Side mounted fuel tank and water tank for longer operating time.
- Trowel arm alignment: adjustment screws allow easy job site blade alignment.
- Light is adjustable for a different direction.
- Finish blades x 8 and 2 Pans included
- Wheel kit included

Ride On Trowel Pan - EROT1000.000

SPECIFICATION

Model	Engine	Power	RPM	Fuel Tank	Water Tank	Working Speed	Blade size	Working size	Weight (Dry)	Package size CM
EROT01	Honda GX690	24HP	3600	20 L	20 L	70 – 160 RPM	5" * 9"	190 * 92cm	350kg	202 * 106 * 107

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)



TRANSPORT WHEEL



POINTER WHEEL



DEPTH GAUGE

SPECIFICATION

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

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 Existing 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	Dimension (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 scarifier (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
- leveling 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)	Dimension (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 ⚡ -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

SERVICES

Stock and Availability: Energy understands the need for an on time delivery in everyday. 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 Support: 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

STOCK AND AVAILABILITY



SPARE PARTS



ENGINEERING AND PRODUCTION



AFTER SALES SERVICE AND SUPPORT

SERVICE & SPARE PARTS



MAINTENANCE CONTRACTS



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 following 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.





Energy



OPERATIONS

ENYCO FZCO
Jebel Ali Free Zone
Dubai, U.A.E.

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