

ENAR

**World Leader
in Concrete Vibrators**



**VIBRATION
SURFACING
COMPACTION**





Our Commercial network spans across
all 5 continents

Subsidiaries in:

France

Mexico

Poland

China

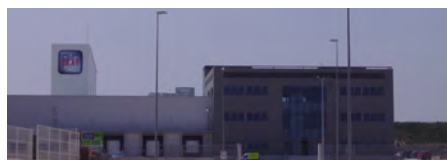
United States

OUR HISTORY

ENARCO is a Spanish company dedicated to manufacturing their own light construction machinery. ENARCO was founded in 1964 and through their dedication and success, they have become the leading company for light construction machinery both in the domestic and worldwide markets. ENARCO have grown and established a presence across all 5 continents through their exportation and the growth of commercial networks using subsidiaries in these 5 countries; France, Mexico, Poland, China & United States.



enarGroup



1964

Creation
Manufacturing pneumatic tools.

1978

Concrete Vibrators
ENAR begin manufacturing a range of Pneumatic, Pendulum and internal motor concrete vibrators.

1994

Light Compaction
The introduction of light compaction range. Making them the first Spanish company to manufacture their own tamping rammers and compaction plates.

1996

Surfacing Range/Electronic Concrete Vibrators
The creation of a complete range of vibrating screeds, both electric and petrol. The first electric concrete vibrators.

2002

Certified under ISO9001/International Expansion
The growth of ENAR creating subsidiaries in France, Poland and Mexico.

2008

ENAR Shanghai
The opening of an ENAR factory and Subsidiary in Asia.

2009

New Facility
ENAR invested and built their new 10,000m2 factory in Zaragoza. Where they began the design, manufacturing and commercialisation of more than 50,000 products a year.

2018

New Boxel/New American Subsidiary Company
The introduction of the new Boxel, a revolutionary advance in technology and the start of the subsidiary in the United States.

PORTABLE ELECTRIC DINGO

The Dingo single-phase, portable, electronic vibrator from ENAR which is protected by its robust design and thanks to its eternal housing which surrounds the motor. It has been designed to transmit power through a transmission which turns, causing an eccentric inside the poker head to spin at 12,000rpm and generate vibration.

Designed & Manufactured in Europe to a high standard of quality
Manufactured using high quality materials ensures high resistance. The Dingo uses an oversized motor and double insulation to guarantee its performance in every job condition.



+ Robust & Resistant

Against Damage.

The Dingo from Enar uses 3 handles to protect the motor and housing against damage. On top of this, the housing itself is made from high quality materials for any unlikely scenario where the handles need additional help protecting the motor.



+ Secure

In any given situation.

The motor from the Dingo is has been double insulated and also has an oversized motor to guarantee a high performance in all working conditions.



+ Manageability

Whatever the job or testing situation may be.

Thanks to the 3 handles that surround the motor and housing, the Dingo is far more comfortable to hold regardless of the length of transmission/drive, unlike other concrete vibrators.



+ Ease of Use

In any given situation.

The switch for the DINGO is at the back of the housing, behind a handle. This means the switch is protected as well as also being watertight. It also provides the advantage that you can use long or short transmissions and the switch will be close to your hand unlike other models.



TECHNICAL DATA

MODEL	WEIGHT (Kg)	VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	DIMENSIONS (LxWxH)
DINGO 230V	5.8	230 1~	50-60	2,300 W	354x244x229
DINGO 115V	5.8	115 1~	50-60	2,300 W	354x244x229



- » High resistant housing, also protected against dust and rain (IP44).
- » Includes a shoulder strap.
- » Oversized motor and double insulation.
- » Other couplings available upon request.

AX HEADS

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	PERFORMANCE m³/h
AX 25	25	285	0.8	14,000	10
AX 32	32	366	1.7	13,750	14
AX 40	40	335	2.2	13,500	17
AX 48	48	335	3.2	12,500	28
AX 58	58	344	4.5	12,000	35



- » Oversized eccentric.
- » 4 oil lubricated bearings with double lock.
- » Easily interchanged poker heads.

FLEXIBLE TRANSMISSIONS

MODEL	LENGTH (m)	WEIGHT (Kg)
TDX 0.6 - TDXE 0.6	0.6	2.6
TDX 1 - TDXE 1	1	3
TDX 1.5 - TDXE 1.5	1.5	3.5
TDX 2 - TDXE 2	2	4
TDX 3 - TDXE 3	3	5
TDX 4 - TDXE 4	4	6
TDX 5 - TDXE 5	5	7
TDX 6 - TDXE 6	6	8



- » Reinforced TAX/TDX transmissions.
- » TAXE/TDXE only for the AX25 & AX 32 poker heads.
- » Vulcanized transmission at the poker end, providing protection to the part of the transmission most likely to wear out or break.



PORTABLE PETROL VIB-BAR

The Vib-Bar from ENAR is a simple but effective set up consisting of a motor, aluminium bar with a handle, a short flexible shaft and a poker.

As always, the transmission and poker are very easy to attach making life easier for the user.

No Restriction Of Movement.

The Vib-Bar provides the user with maximum freedom of movement. No electric cables, no pieces to pull along the floor, everything held on your shoulder and controlled using both hands. This product has been designed primarily for the user's comfort and ability to move around the



+ No surprise shocks!

Added safety for the user and work colleagues.

Thanks to its petrol motor, no plugs or electric cables are used on this product. This means no tripping over loose cables, no exposed damaged or exposed wires and no risk of electric shock.



+ Super Light

No overbearing back aches.

As well as being light thanks to its simple design, the Vib-Bar is also very compact while in use and even more so when disassembled to be stored away. Another reason why the product provides the user with exceptional movement across the jobsite.



+ Independence!

No need to fight for a plug socket!

Thanks to its light and compact design as well as running on petrol, this product provides independence to the user. No need to work within the area permitted by the length of the electric cable, no need to pay extra attention to cables knotting or tripping people up and no need to share due to the limited plug sockets. Start up the motor and walk wherever the job requires to be.



TECHNICAL DATA

MODEL	WEIGHT (Kg)	POWER (CV)	ENGINE	FUEL	ENGINE CAPACITY CC	SPEED (r.p.m)
VIB-BAR H	6	1.6	HONDA GX 35 4T	GASOLINE	35.8	10,000

- » Centrifugal clutch.
- » Throttle integrated into the handle.

AX HEADS

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	PERFORMANCE m ³ /h
AX 45	45	325	3	9.500	25

- » Oversized eccentric.
- » 4 bearings lubricated with oil and a double lock.
- » Multiple poker heads available but will reduce the performance of the equipment.



FLEXIBLE TRANSMISSIONS

MODEL	LENGTH (m)	WEIGHT (Kg)
TBX 0.5	0.5	2



- » High quality, reinforced transmission.
- » The exterior of the transmission is supported by a flexible metal coil.



PENDULAR VG

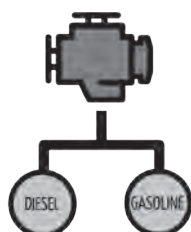
The VG series from ENAR for perfect for high performance under intensive working conditions.

The VG series is available with two differing couplings (bayonet or hexagonal).



Quality & Efficiency.

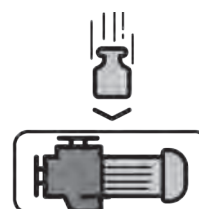
Oversized motors for intensive work. Fitted with a robust frame to protect the motor and to aide transportation. Comes with the option of varying motors: Petrol (Honda/Robin) and Diesel (Yanmar/Lombardini/Hatz/Robin), all adapted to the needs of the client.



+ Wide Range

Petrol & Diesel Motors.

The wide range of VG motors cover all of the user's needs. With the availability of both Petrol and Diesel.



+ Resistant

Shockproof design for strength and robustness.

Robust cage with shock absorbers incorporated for the best possible protection of the converter .



+ Performance

High performance motors.

The range of ENAR motors are oversized in order perform at optimum levels during intensive working loads.



+ No PLUGS!

Provides mobility.

The VG range is designed for jobs where no plug sockets or electrical ports are available.

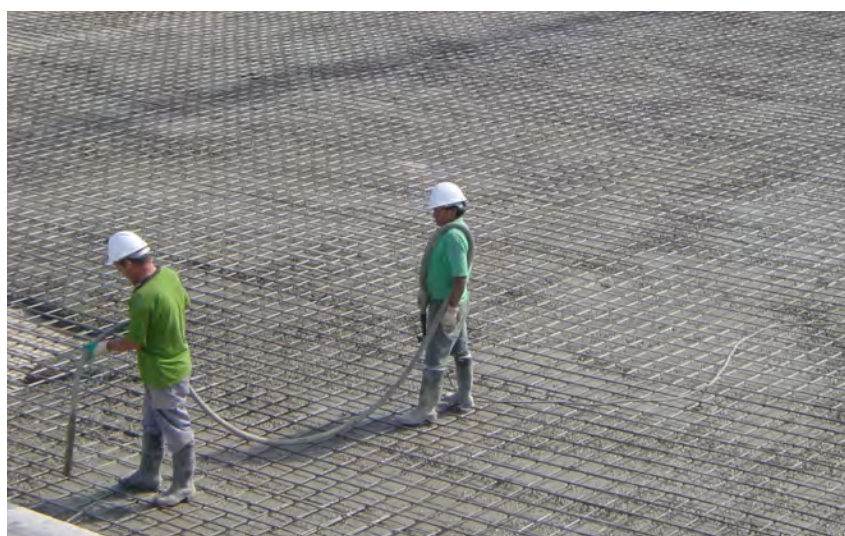


TECHNICAL DATA

MODEL	WEIGHT (Kg)	FUEL	MOTOR	POWER (CV)
VGR 4	19.5	Gasoline	ROBIN EY15 3D	3.5
VGH 5	21.5	Gasoline	HONDA GX 160	5.5
VGR 6	22	Gasoline	ROBIN EX-17 DU	6
VGE 5	21.5	Gasoline	ENAR G160	5.5
VHD	38	Diesel	HATZ IB 20	4.6
VYD	35	Diesel	YANMAR L48	4.7
VRD	38	Diesel	ROBIN DY 23	4.8
VLD	40	Diesel	LOMBARDINI 15LD-315	6.8
VED-D	30.5	Diesel	ENAR DIESEL	5.5



- » Oversized motors.
- » Doesn't require an electrical connection.
- » Strong steel frame.
- » Two types of coupling (Bayonet & Hexagonal), other types are also available.



TRANSMISSIONS & POKER HEAD PENDULUM

The TNR Transmissions and ANR poker heads from ENAR provide the absolute optimal compaction of concrete, making it easier and quicker to vibrate the concrete to a high quality. The range is also provided with a variety of couplings which connect to electric, petrol and diesel motors.

Assured Range.

Every need is covered by ENAR as the ANR/TNR series ranges from 25mm to 75mm poker heads and 4m to 9m transmissions.



+ Adapts to the job!

Made to last.

The ANR pokers are available with a rubber tip to increase the durability and is also well protected against damage by the mechanical system.

+ Robust and Durable

Y robusto.

La gama ENAR incorpora refuerzo de caucho en los puntos de mayor esfuerzo.
Diseño robusto del sistema mecánico.

**GASOLINE/
DIESEL/
ELECTRIC**

+ Cost Effective

And quality assured.

The TNR/ANR range is cheaper than the High frequency range but offers all the quality in the finish of the concrete vibrated.



TECHNICAL DATA

POKER HEADS ANR

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	PERFORMANCE (m³/h)	TRANSMISSIONS
ANR25	25	350	1.2	16,000	10	TNR4-25/TNR6-25
ANR38	38	375	2.5	12,000	15	TNR4-38/TNR6-38
ANR48	48	445	4.3	12,000	25	TNR4-48/TNR6-48
ANR58	58	450	6.4	12,000	30	TNR4-58/TNR6-58
ANR70	70	510	7.5	12,000	35	TNR4-70/TNR6-70

» Axle rotates at 3,000RPM with the Pendular system reaching 12,000RPM.

» Wide range of connections.

TRANSMISSIONS TNR

MODEL	LENGTH (mm)	WEIGHT (Kg)
TNR4-25	4	6
TNR6-25	6	8
TNR4-38	4	11.1
TNR6-38	6	15.8
TNR4-48	4	11.1
TNR6-48	6	15.8
TNR4-58	4	11.1
TNR6-58	6	15.8
TNR4-70	4	11.1
TNR6-70	6	15.8



» Poker end of the transmission is vulcanized for poker heads 48, 58 and 70mm.

» High quality transmission hose, 26mm diameter (ANR25) and 36mm (all other sizes).

» Different couplings available on request.



TYPE D (universal)



TYPE A (Australia)



TYPE H (hexagonal 10mm)

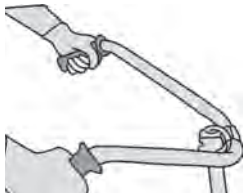


VIBRATING SCREED TORNADO

The Tornado vibrating screed is an exceptional option when choosing to vibrate concrete. Enar guarantees an optimum level of concrete compaction regardless of the type of concrete being vibrated. The profiles used on the Huracan are resistant and glide comfortably across concrete due to its floatability.

Designed & Manufactured in Europe for Quality and Efficiency

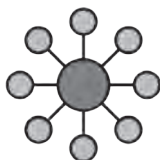
Robust, easy to use and ergonomic are words more frequently used when describing the Tornado from Enar. The rubber handles conform to many regulations and also provide a reduced level of vibrations to the user. The range includes either petrol or electric motors.



+ Comfortable to Manage

Reliably simple.

The Enar Tornado has handles that are designed to reduce the vibrations to the users hands making it more comfortable when being used.



+ Complete Range

Variety of models.

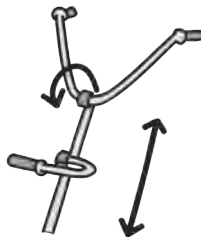
The range provided by Enar in the Tornado range means it is easier to facilitate the user's needs. This is achieved through its range of profile lengths and differing motors.



+ Light

And easy to use.

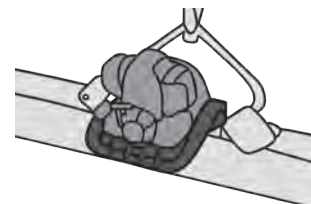
This product is easily used by one person on a job site thanks to its size and weight. This also allows for better transportation of the product.



+ Economic

In price and quality.

The handle for the Tornado is adjustable in height making it better suited to the individuals needs and also easier to store away/transport.



+ Motor Support

Restricted Vibrations.

As well as providing protection to the screed, the motor support reduces vibration by up to 50% increasing the product life and reducing the vibrations passed onto the user.



TECHNICAL DATA

PETROL SCREEDS

MODEL	ENGINE	POWER (cv)	FUEL	FUEL TANK (L)	FREQUENCY (vib/min)	CENTRIFUGAL FORCE (N)	WEIGHT (Kg)
TORNADO H	HONDA GX25 4t/st	1.1	Gasoline	0.5	Up to 9,000	1,500	15

ELECTRIC SCREEDS

MODEL	ENGINE	POWER (W)	FREQUENCY (vib/min)	CENTRIFUGAL FORCE (N)	WEIGHT (Kg)
TORNADO E	External Vibrator 230V 1~	125	3,000	700	10.5
TORNADO E TURBO 230V	Vibrator 230V 1~	500	12,000	1,300	12
TORNADO E TURBO 115V	Vibrator 115V 1~	500	12,000	1,300	12



PROFILES

LENGTH (m)	WEIGHT (Kg)
1.5	4.6
2	6.2
2.5	7.8
3	9.3
4	12.5



- » High resistance, aluminium profiles.
- » Rounded ends to the profiles.
- » Strict flatness control while in use.
- » Profile base of 200mm/20cm to obtain a greater control and glide.
- » Profiles available from 1.5m to 4m .



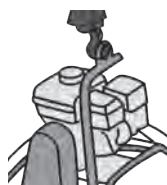
POWER TROWELS

601/901/1201

The wide range of power trowels from Enar is perfect for all the users' needs thanks to their differing sizes.

Designed Europe for Quality & Efficiency

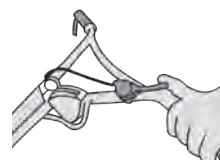
These power trowels were designed to provide coverage across varying floor sizes. This means they are offered as 600mm and 1200mm as easy to use power trowels. They all have adjustable handles, a dead man's switch and control of the height of the trowels for varying surface levels.



+ Eye Bolt

For lifting and transportation.

Every power trowel from Enar comes with an eye bolt allowing the user to lift the machinery and also allowing for easier transport.



+ Throttle

Comfortable to control.

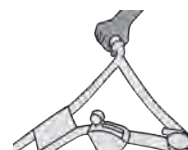
Each machine has a throttle to control the acceleration of the power trowel which is comfortably placed in the handle of the power trowel.



+ Adjustable Handles

Height for each user.

With the adjustable handle each user can freely move with the product without the stress as the trowel is at the preferred height.



+ Dead Man's Switch

Safety First.

The dead man's switch system is incorporated in each power trowel. This is the automatic disconnection of the power in the machine when the handle is released.



TECHNICAL DATA

MODEL	ENGINE	POWER (CV)	r.p.m.	DIAMETER (mm)	WEIGHT (Kg)
TIFON 910	Loncin	5.5	127	900	73



ACCESSORIES

- » Resting mat for the power trowel to protect the trowels.
- » Set of 4 trowels.
- » Tifon 901/1201: 4 set of combined trowels.



TAMPING RAMMERS DEEP

DEEP ENAR Series is easy to handle, reliable and easy to handle and transport.
They the best choice for works in trenches and narrow sites.

Variety and Efficiency

DEEP ENAR Series offers a range from 70 up to 90kg with different engine configuration and options according to the needs of each client.

The robust and ergonomic handle includes a set of wheels and makes it easy to load and unload in transportation.



+ Full range

A variety of models.

DEEP rammers come in a complete range of engines for the needs of each client.



+ Light foot

& strong.

The foot is light and wear resistant. It provides an optimal compaction of soil.



+ Air filter

3 stage.

DEEP ENAR rammers has a 3-stage filter that holds particles according to their size in a progressive way.



+ Comfort

In use.

Stroke is balanced for a better use of the equipment by user.



+ Economic

Cost saving.

DEEP ENAR range is designed for a low cost in maintenance. It has elements as a low cost spares.



TECHNICAL DATA

MODEL	WEIGHT WITHOUT FUEL (Kg)	JUMPING STROKE (mm)	IMPACT FORCE (Kg)	ENGINE	r.p.m.	POWER (cv)	OUTPUT (m²)	FUEL
PH 70LC	74	70	1,540	ENAR G165F	3,600	4	210	Gasoline
PH 80YD	81	70	1,510	YANMAR L 48 AE	3,600	4	205	Diesel

- » Dimensions: 770x398x1038 mm.
- » Foot dimensions: 332x280 mm.
- » Frequency: 700 r.p.m.
- » Tachymeter for recording operation hours and engine r.p.m as an option.
- » Saturation sensor for air filter as an option.



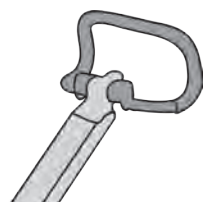
REVERSIBLE PLATE COMPACTORS TEN 25/30

TEN 25/30 reversible plate compactors are an excellent option for jobs on granular soils, due to its high performance.

VARIETY AND EFFICIENCY.

Plate compactors with a reversible drive from 100kg to 150kg. There is availability of different engines and other options according to the needs of each client.

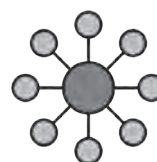
Driving assembly makes operation easy.



+ Ergonomics

Comfortable use.

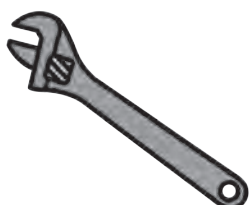
TEN 25/30 ENAR range is designed for an ergonomic work by user. The handle includes a shock-absorber device.



+ Full range

Variety of models.

Full range of reversible plate compactor adapted to each client. Different engines can be selected for every need.



+ Adaptability

For each work.

TEN 25/30 ENAR plate compactors allow adjustment to any work by means of a progressive drive.



+ Maintenance

easy.

TEN 25/30 ENAR range is designed for a low cost maintenance.



TECHNICAL DATA

MODEL	WEIGHT WITHOUT FUEL (Kg)	CENTRIFUGAL FORCE (N)	SPEED (m/min)	FREQUENCY (vib/min)	DIMENSIONS (WidthxLongxHigh)	ENGINE	FUEL	POWER (cv)
TEN 2540GL	134	24,500	0-22	5,400	400x1171	Loncin	Gasoline	5,7

- » Optimal frequency and amplitude for compaction.
- » Dead man system.
- » Tensioning system for easy assembly of transmission band.
- » Light weigh for maneuvering and transportation.
- » Wheel set for transportation as an option.



HYDRAULIC ROLLERS REN

REN hydraulic rollers are an excellent choice for compaction jobs in granular filling, asphalt laying, foundations, layers and embankments.

VARIETY AND EFFICIENCY.

REN range offers hydraulic rollers up to 650kg, with different engines and other options according to each user's needs.



+ Robust

& resistant.

REN range rollers have a shock-proof structure to protect engine and provide a long life span.



+ Safety

for the user.

REN rollers keep user safer by their dead man system.



+ Maintenance

low.

Maintenance routines are few and easy because of a simple design.



+ Sprinkler

system.

REN range rollers have a water tank and distribution pipes for both rolling drums.



TECHNICAL DATA

MODEL	WEIGHT (Kg)	CENTRIFUGAL FORCE (kN)	SPEED (m/min)	POWER (kW)	ENGINE	START
REN 650 DK	640	10.8	0-3,5	4	KUBOTA E75NB3	Eléctrico

- » Frequency: 60Hz.
- » Water tank capacity: 45l.
- » Access to narrow sites.
- » Handle with shock absorbing system.
- » Transmission system by an independent hydraulic engine for each drum.



South Africa

ENARCO, ZA

1031 Katrol Avenue, Robertville Ext. 10, Florida 1710
Republic of South Africa
Tel: (+27) 116-720-847 / (+27) 828-525-371
e-mail: dzuma@enar.es
web: www.enar.es

EN-1811

