



SYDVESTA

VÆRKTØJ OG MASKINER TIL BYGGEBRANCHEN



PRODUKTKATALOG 2022

AVMU

PORTABLE ELECTRIC VIBRATOR

AX POKERS

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	PERFORMANCE m ³ /h
AX 25	25	285	0.8	14,000	10
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

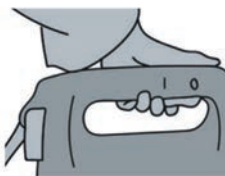
FLEXIBLE TRANSMISSIONS

MODEL	LENGTH (m)	WEIGHT (Kg)
TAX 1.5	1.5	3.5
TAX 3	3	5
TAX 5	5	7

CORRESPONDING POKER

AX 40, AX 48
and AX58

AX 25



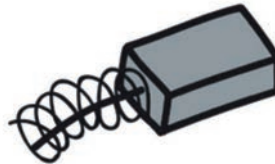
+ Easy turn on

The switch is integrated in the handle, what allows an easy start up of the machine.



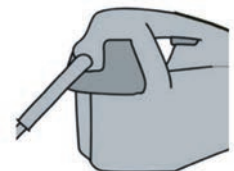
+ Light

With only 5kgs of weight, the AVMU is a compact and manageable vibrator, being comfortable to the user.



+ Easy maintenance

Carbon brushes that disconnect automatically, and easily interchangeable from the exterior.



+ Air filter

The air filter is located in the back part of the product to avoid any dirt entering into the product.

TECHNICAL DATA

MODEL	WEIGHT (Kg)	VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	DIMENSIONS (LengthxWidthxHeight)
AVMU 230V	5	230 1~	50-60	2,300 W	354x105x205
AVMU 115V	5	115 1~	50-60	2,300 W	354x105x205

➤ Easily interchangeable poker heads.

➤ 4 oil lubricated bearings with double lock.

➤ Includes a shoulder strap.

➤ Vulcanized transmission at the poker end.

FOX

PORTABLE ELECTRIC VIBRATOR

AX POKERS

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	PERFORMANCE m ² /h
AX 25	25	285	0.8	14,000	10
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

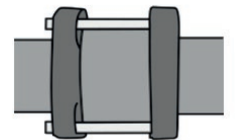
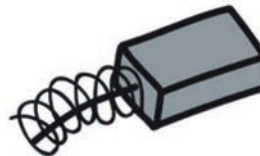
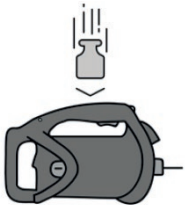


FLEXIBLE TRANSMISSIONS

MODEL		LENGTH (m)	WEIGHT (Kg)
TDX 1.5	TDXE 1.5	1.5	3.5
TDX 3	TDXE 3	3	5
TDX 5	TDXE 5	5	7

CORRESPONDING POKER

AX 40, AX 48 and AX 58 | AX 25



+ Robust and resistant

The FOX case is designed to protect it against impacts, making it far more robust and resistant.

+ Manageable

Its main handle has an integrated switch for an easy start up, and its posterior handle is ideal for vertical works.

+ Easy maintenance

Carbon brushes that disconnect automatically, and easily interchangeable from the exterior.

+ More protected

The motor in the FOX is better protected than in other vibrators thanks to its hardened casing and its protective handles.

TECHNICAL DATA

MODEL	WEIGHT (Kg)	VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	DIMENSIONS (LengthxWidthxHeight)	CABLE LENGTH (m)
FOX 230V	5.8	230 1~	50-60	2,300 W	354x105x205	0.5

➤ Easily interchangeable poker heads.

➤ 4 oil lubricated bearings with double lock.

➤ Includes a shoulder strap.

➤ Vulcanized transmission at the poker end.

PNU PNEUMATIC VIBRATORS



- › Standard transmission length: 2m
(Other lengths available upon request).
- › 6 bars is the recommended pressure to work with.
- › No particular maintenance is required to for this product.
- › Actioning handle made up of aluminium.
- › Oil deposit to extend the product's life span
(It is recommended to refill at least once a week).



+ No surprise shocks

PNU pneumatic vibrators work with air compressors, so they doesn't need electricity to work, what increases safety.



+ Versatility

The PNU is a very versatile vibrator, and it is available in a large range of poker diametres (up to 100mm) and transmission lengths.



+ Durability

A robust and strong piece of equipment. The parts for the PNU have been made to perform at a high level during a long life span.



+ Light and compact

The PNU are reduced in volume, what allows the user a great manageability.

TECHNICAL DATA

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	CENTRIFUGAL FORCE (N)	CONSUMPTION (l/min)	PERFORMANCE (m ³ /h)
PNU 25	25	220	3.5	20,000	700	400	5
PNU 45	45	330	6.3	18,000	3,200	750	18
PNU 60	65	340	10	17,000	9,000	1,000	28
PNU 80	75	360	13	15,000	12,000	1,250	38
PNU 100	100	390	18	13,500	22,000	2,000	55

AFE

HIGH FREQUENCY CONVERTERS



**AFE SUITCASE
2000P**



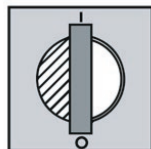
**AFE TUBULAR
3500**

- › 5-metres cable.
- › Electronic junction box protected against splashes and dust (IP44).
- › Integrated transport trolley (AFE 3500).
- › Protective tubular frame made of aluminium of Ø30mm.
- › Power input voltage/frequency: 230V 3 ~ 50Hz.



+ **Secure and reliable**

Its safety voltage of only 42V ensures the user's protection, eliminating the risk of electric shocks.



+ **Reliability**

Superior- quality switch that disconnects the machine when a peak of current occurs.



+ **Resistant**

Thanks to its high-quality materials and its robust cage, the AFE series means can survive even the toughest working conditions.



+ **Mobility**

The suitcase cage of the AFP allows for a comfortable transportation due to being easier to lift and carry.

TECHNICAL DATA

MODEL	WEIGHT (Kg)	N° PLUGS	INPUT		OUTPUT	
			POWER	VOLTAGE/FREQUENCY	POWER	VOLTAGE/FREQUENCY
AFE 2000M P	29	2	2.0 KW 9A	230V 1 ~ 50Hz	1.6 KVA 23A	42 V3 ~ 200 Hz
AFE 3500	59	3	6 KW 8A	400V 3 ~ 50Hz	3.5 KVA 50A	42 V3 ~ 200 Hz

BOXEL ELECTRONIC CONVERTER

POSSIBILITY OF CONNECTIONS



	M38	M5	M6	M7	M8
BOXEL 215	x2	x2	x1	x1	x1
BOXEL 225	x2	x2	x2	x1	x2
BOXEL 325	x3	x3	x2	x1	x2

* N° of ENAR M-AFP high frequency poker tools that can be connected at the same time to each BOXEL model.

- › Protective frame with aluminium bars assembled with rubber ends.
- › 5 metres cable (Other lengths available upon request).
- › BOXEL runs at a low safety tension of 42V, what eliminates electric shock risks.



+ Light and compact

Reduced weight and volume. Robust and manageable. Highly resistant aluminium casing to protect the BOXEL against impacts.

+ Superior performance

Intelligent system that stabilizes optimum frequency and voltage, allowing to vibrate a larger area in less time.

+ Secure and reliable

Completely protected against water entrance (IP67) and triple protection against overvoltage, overcharge and overheating.

+ Ecological

No spare parts or waste generated. No scheduled maintenance. 90% energy efficiency.

TECHNICAL DATA

MODEL	DIMENSIONS (cm) LENGTH x HEIGHT x WIDTH	WEIGHT (Kg)	N° PLUGS	INPUT			OUTPUT		
				POWER	CURRENT	VOLTAGE	POWER	CURRENT	VOLTAGE
BOXEL 215	48 x 31 x 18	9	2	1.7KW	7.5 A	230V 1-50Hz	1.5KVA	21 A	42V 3-200Hz
BOXEL 225	53 x 31 x 18	10	2	2.8KW	12.5 A	230V 1-50Hz	2.5KVA	35 A	42V 3-200Hz
BOXEL 325	53 x 31 x 18	10	3	2.8KW	12.5 A	230V 1-50Hz	2.5KVA	35 A	42V 3-200Hz

M-AFP

HIGH FREQUENCY POKERS



- › Vibration frequency: 12.000 v.p.m.
- › Reinforced optional rubber poker tip available.
- › Lengths: 10m cable and 5m drive shaft (Other lengths available upon request).
- › Safety working tension of 42V/3~200Hz.
- › Hardened poker tip and body.
- › The 240Hz connection is also available upon request.



+ **Reduced maintenance**

The M-AFP pokers require less maintenance as they do not have a flexible transmission as mechanic vibrators do.



+ **Adaptability**

Availability of different configurations in diverse diameters and poker sizes to cover all the users' needs.



+ **Intensive works**

The M-AFP pokers bring a more powerful and stable vibration than mechanic vibrators, being ideal for the most intensive jobs.



+ **IP67 protection**

They are completely protected against rain and dust.

TECHNICAL DATA

MODEL	DIAMETER (mm)	LENGTH (mm)	AMPERAGE (A)	WEIGHT (Kg)	PERFORMANCE (m ³ /h)
M38 AFP	38	370	8	11	Up to 20
M5 AFP	50	365	10.5	13	Up to 30
M6 AFP	58	403	15	15	Up to 35
M7 AFP	65	365	22	16	Up to 40

SPYDER-PRO

ELECTRONIC VIBRATOR

- › Converter weight: 3.4kg
- › Standard length: 5m transmission and 15m cable (Other lengths available upon request).
- › Hardened poker tip and body.
- › Input voltage/frequency: 230V~50/60Hz.
- › 110V~50/60Hz is also available on request.
- › Vibration frequency: 12,000 r.p.m.
- › Progressive start up to avoid current peaks, preventing damages to the motor and the poker.
- › Optional reinforced rubber poker tip.



+ “Plug and play”

The SPYDER pro is a piece of equipment that integrates the converter and the poker, so it is ready to work.

+ Zero maintenance

No spare parts needed, no waste generated.

+ Light and compact

Lightweight and very manageable, allowing to access the most difficult places.

+ Safe and reliable

The SPYDER is protected against overcharge, overheating and overextension. Its is also protected against rain and dust (IP67).

TECHNICAL DATA

MODEL	DIAMETER (mm)	LENGTH (mm)	POWER INPUT (KW)	TOTAL WEIGHT (Kg)	PERFORMANCE (m ³ /h)
SPYDER-PRO 230V-38	38	370	0.75	15	Up to 20
SPYDER-PRO 230V-50	50	365	1.1	17	Up to 30
SPYDER-PRO 230V-60	58	403	1.5	19	Up to 35

TRO

OSCILLATING BULL FLOAT

The bull floats have been designed to perfect the concrete after the use of a vibrating screed by eliminating any imperfections on the surface of the wet concrete.

On floors where concrete is not vibrated, but a professional finish is required, these bull floats provide the perfect result.



OSCILLATING BULL FLOAT

TECHNICAL DATA

MODEL	LENGTH (m)	WEIGHT (kg)	PROFILE WIDTH (mm)
TRO 1200 MG	1.2	5.8	205



BRUSH KIT

ACCESSORIES

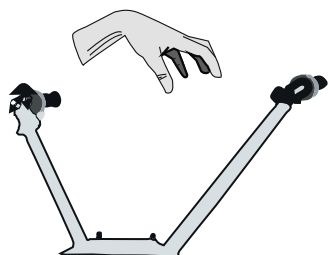
BRUSH KIT FOR OSCILLATING BULL FLOAT

The brush allows the user to smooth and clean the concrete for a better finish.

MODEL	DESCRIPTION
B 1200	BRUSH 1.2m

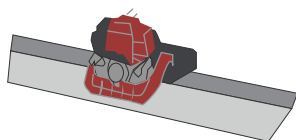
TORNADO GH & QZGH

PETROL-POWERED SCREEDS



+ Handling

Its folding handle makes it easy to transport without the need for additional tools.



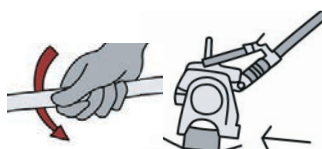
+ Engine support

It helps protect and reduce vibrations in an engine by 50%, thus extending its life.

- › Handlebar equipped with stop switch.
- › The frame protects the motor from concrete splashes.
- › Optional grips with VAS anti-vibration system.



TORNADO H



+ Oscillating profile

By turning the handle, the profile oscillates until the proper inclination is achieved, while changing the working direction.



+ Bidirectional

The QZ oscillating screed allows you to work in both directions.

- › Rotating system integrated in the handle, which also enables changing angle of the screed.

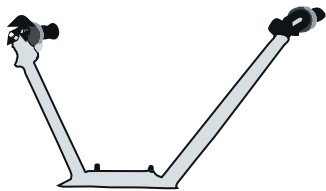


QZ H

TECHNICAL DATA

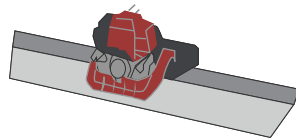
MODEL	ENGINE	POWER (CV)	FUEL	FUEL TANK CAPACITY (L)	FREQUENCY (vib/min)	CENTRIFUGAL FORCE (N)	WEIGHT (Kg)
QZ H	HONDA GX25 4t/st	1.1	Unleaded Petrol	0.5	Up to 9,000	1,500	12.5
TORNADO H	HONDA GX25 4t/st	1.1	Unleaded Petrol	0.5	Up to 9,000	1,500	12.2

TORNADO E & QZE ELECTRIC SCREEDS



+ Handling

Its folding handle makes it easy to transport without the need for additional tools.



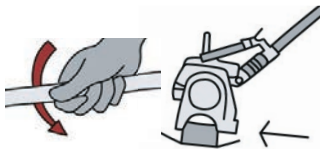
+ Engine support

It helps protect and reduce vibrations in an engine by 50%, thus extending its life.

- › Handlebar equipped with stop switch.
- › The frame protects the motor from concrete splashes.
- › Optional grips with VAS anti-vibration system.



TORNADO E



+ Oscillating profile

By turning the handle, the profile oscillates until the proper inclination is achieved, while changing the working direction.



+ Bidirectional

The QZ oscillating screed allows you to work in both directions.

- › Rotating system integrated in the handle, which also enables changing angle of the screed.



QZ E TURBO

TECHNICAL DATA

MODEL	ENGINE	POWER (W)	FREQUENCY (vib/min)	CENTRIFUGAL FORCE (N)	WEIGHT (Kg)
TORNADO E	External Vibrator 230V 1~	135	2,850	700	9.5
QZ E TURBO	Electric 230V 1~	500	12,000	1,300	12

BOXEL E-BATT

BATTERY-POWERED ELECTRONIC CONVERTER

BATTERY



BATTERY LIFE USING ENAR POKERS* (min)

M38AF	M5AF	M6AF	M7AF	M8AF
120	95	65	40	55

* The battery life is indicative, and it may vary depending on the type of concrete, temperature and work cycle.

- › Protective frame made up of reinforced rubber ends and extruded aluminium handles.
- › It works with a low safety tension of 42V, eliminating electric shock risks.



+ Light and Compact
Reduced weight and volume. Very manageable and robust. Hardened aluminium casing for improved protection against impacts.



+ Superior Performance
Intelligent system maintaining optimum frequency and tension, allowing to vibrate a larger area in less time.



+ Battery
Powerful battery that provides a great working autonomy and allows to connect pokers of all diameters.



+ Zero Maintenance
90% energy efficiency. No spare parts, no wear & tear. No waste generated.

TECHNICAL DATA

MODEL	DIMENSIONS (cm)			WEIGHT (Kg)	BATTERY				OUTPUT	
	LENGTH	WIDTH	HEIGHT		Ah	V	Wh	CELL TYPE	TENSION	FREQUENCY
BOXEL E-BATT	54	29	20	11	15.9	68.4	1,087	Li-ion	42 V	200 Hz

TORNADO E-BATT BATTERY-POWERED VIBRATING SCREED

MORE THAN 2 HOURS OF BATTERY DURATION

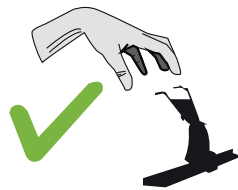


- › High resistance aluminium profiles.
- › Rounded profile ends with anti-corrosion treatment.
- › Profile base of 200mm to obtain a greater control and glide.
- › The TORNADO E-BATT shares interchangeable profiles with other ENAR screeds.



+ **Safe and reliable**

Its safety voltage of only 24V ensures the user's protection. The absence of cables eliminates the risk of electric shocks.



+ **Light and manageable**

Its foldable handle makes it easy to transport without needing additional tools to fold it.



+ **"Eco-Friendly"**

Less environmental impact thanks to its battery-powered electric motor.



+ **Zero Maintenance**

Thanks to the TORNADO's electronic conversion system, there are no parts that need to be replaced.

TECHNICAL DATA

ENGINE	POWER (W)	FREQUENCY (vib/min)	CENTRIFUGAL FORCE (N)	WEIGHT (Kg)	VOLTAGE (V)	RATED CAPACITY (Ah)
External Vibrator 24V	130	5,500	1,400	12	24	14.5

- › With all the robustness, manageability and ergonomics that characterize all the TORNADO screeds range from ENAR.
- › The best option in terms of environmental care and sustainability, thanks to its battery.
- › Ideal for centric city works and interior workplaces thanks to its low noise levels.

VIBBAR E-BATT

BATTERY-POWERED PORTABLE VIBRATOR



PENDULUM POKER

MODEL	DIAMETER (mm)	LENGTH (mm)	WEIGHT (Kg)	SPEED (r.p.m)	PERFORMANCE m ³ /h
APB 38	38	370	2.3	12,000	25

TRANSMISSION

MODEL	LENGTH (m)	WEIGHT (Kg)
TPB 0,5	0.5	2



+ No surprise shocks

As the Vib-Bar E-BATT is battery-powered, it doesn't need electricity to work, what increases safety.



+ Light and Compact

Thanks to its design, the Vib-Bar E-BATT is light and compact, and it's easily transportable.



+ "Eco-Friendly"

Less environmental impact thanks to its battery-powered electric motor.



+ Zero Maintenance

Thanks to the Vib-Bar E-BATT's electronic conversion system, there are no parts that need to be replaced.

TECHNICAL DATA

MODEL	WEIGHT (Kg)	POWER (W)	ENGINE	BATTERY
VIB-BAR E-BATT	5	max. 800	Electric	ion-Li 58V

- › The kit is composed by the transport strap, the charger and the battery.
- › Ideal for continuous, intensive work.

TROUBLESHOOTING AIDS

Located in every user manual

11 LOCATING MALFUNCTIONS OF MOTOR

PROBLEM	CAUSE / SOLUTION
The unit is not working	1. Make sure power is on 2. Carbon brushes defect 3. Defective switch
The motor works but it overheats	1. Clean the air intake and output openings in the housing and/or change filter. 2. Make sure nuts and bolts fixing outer housing are properly fixed
The motor works slowly and it overheats	1. Verify voltage of electrical system 2. Check the cable specification 3. Defective poker or shaft
The motor becomes too noisy	1. Defective carbon brushes 2. Defective bearings 3. The rotor might be touching the stator 4. Outer housing is broken or has loose bolts

12 LOCATING MALFUNCTIONS OF FLEXIBLE SHAFT AND POKERS

PROBLEM	CAUSE/SOLUTION
The motor works overload and overheats	1.- Head is overlubricated.
	2.- Too much grease in shaft or too little.
	3.- Failure of seal and the transmission grease have gone into the head or the head oil have gone out.
	4.- Head movement is restricted.
	5.- Transmission with extreme bents.
	6.- Transmission in bad condition, broken hose.
Bearing failure	1.- Not enough oil in the head.
	2.- The head has been working out of the concrete during a long time.
	3.- Water has penetrated the head.
	4.- The housing has received strong stroke.

WARRANTY CLAIMS

Easy steps

How to document a warranty claim for assessment?

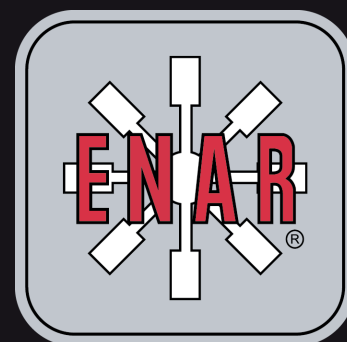
1. Name of the product
2. Serial Number
3. Selling date (if available)
4. Description of the failure
5. Visual aids (ideally a picture that shows overall state of the machine)

ENAR will follow-up with a result after assessment: Warranty granted / Warranty rejected.

When a product needs to be repaired, ENAR reserves the right to decide one of the following:

1. Direct replacement without reparation
2. Reparation carried out by ENAR's
3. Reparation carried by customer (previous agreement)

SYDVESTA
VÆRKTØJ OG MASKINER TIL BYGGEBRANCHEN



KVAGLUNDVEJ 82 · 6705 ESBJERG Ø · TLF.: 75 14 28 22 · WWW.SYDVESTA.DK