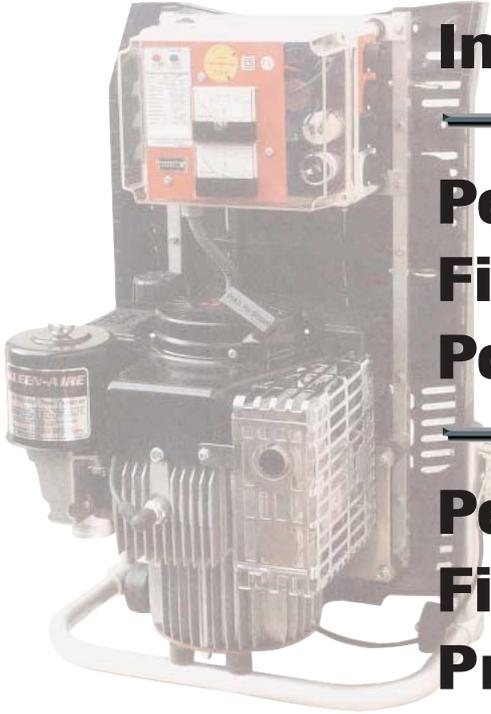
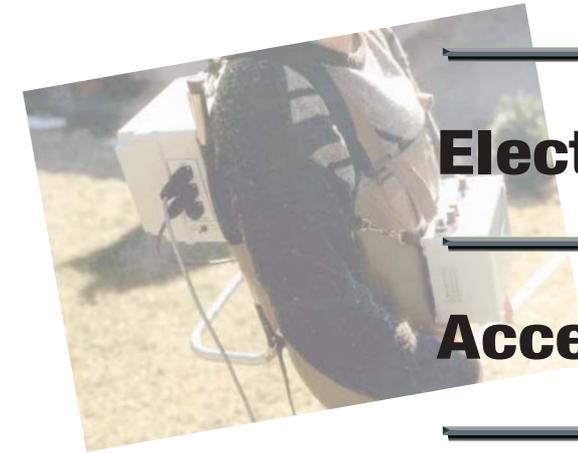


Battery Powered Impulse Fishing Device



Petrol Powered Electric Fishing Device, Portable Backpack Type

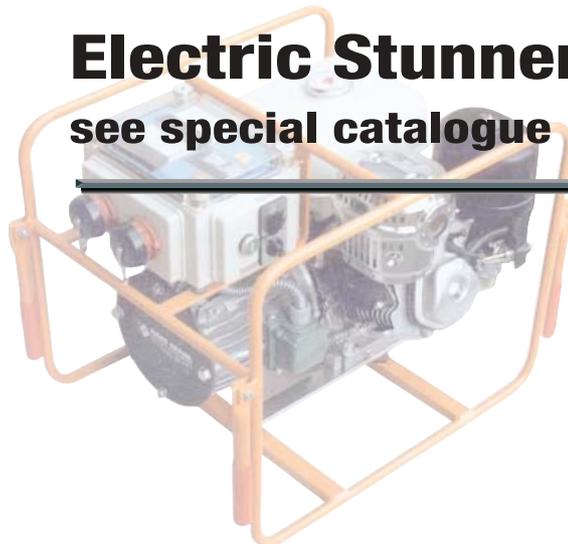
Petrol Powered Electric Fishing Device, Tubular Protection Frame Mains Connected



Electric Fishing Device

Accessories

Electric Stunners see special catalogue



ELECTRIC FISHING DEVICES



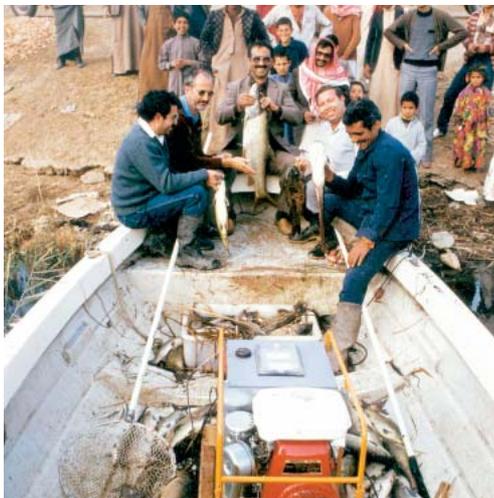


Electric Fishing Devices

ELECTRIC FISHING DEVICES



For more than 20 years we have had a reputation for efficient, safe and reliable fishing devices. They have been used successfully in many countries of Europe, Africa, Asia and America for years. Because of the unstable and often problematic fields of application we have developed a wide range of types by taking on advice of scientists, fishing biologists, fish farms and fishing associations. With their assistance we could improve and develop our devices which successfully cover nearly every field of application. It does not matter whether you want to fish in



Electro-fishery in the „Near East“



in Afrika



with backpack type devices up to 1500 W



or units up to 15000 W

Creeks, rivers or lakes with bad conductivity or in brackish water with high conductivity, with ring anodes, live nets or floating cathodes,

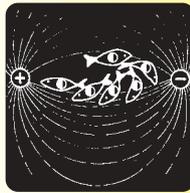
we have the right equipment for you. On top, we are happy to share our knowledge, gained through practical experience, with you in the field of electro-fishery.

Fields of application:

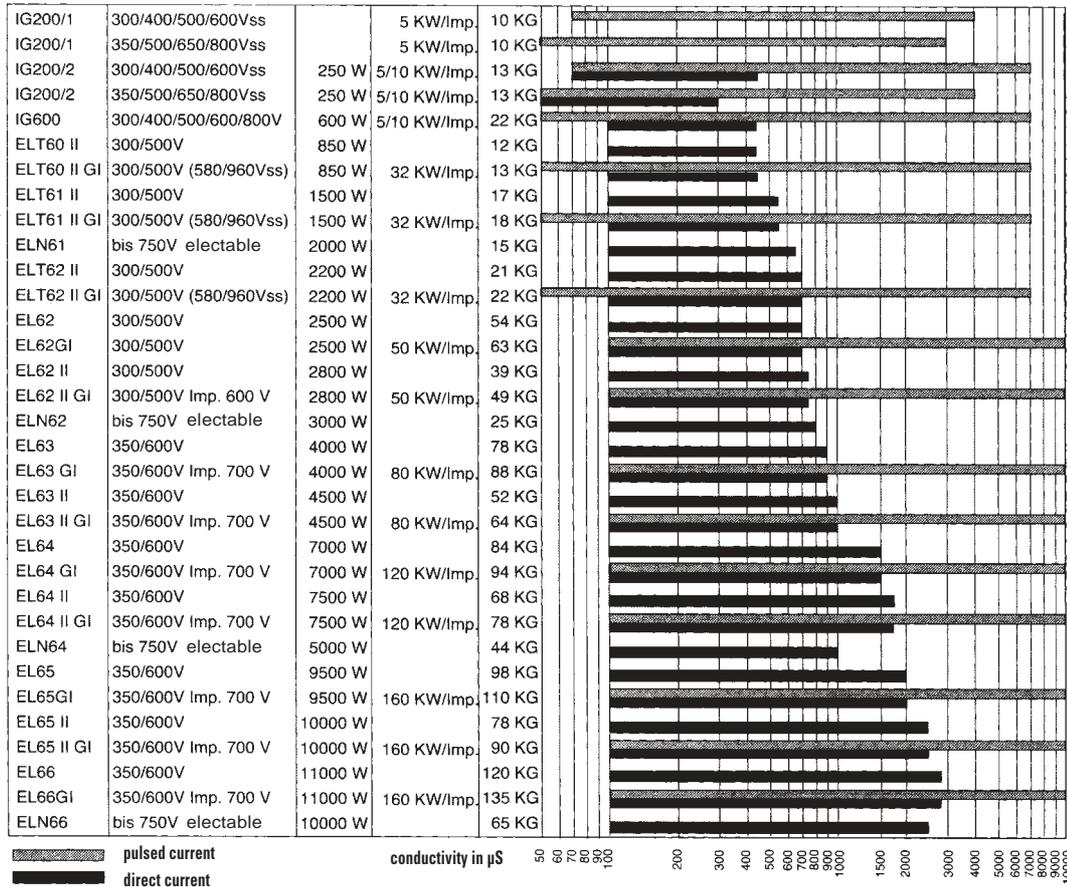
- emptying of ponds, lakes or rivers
- removal of stock from nursery creeks
- regulation of excessive amounts of predatory fish spawn fishing for breeding
- removal and sorting of stock in fish farms
- stock-count before and after fish release
- determination of the species present in a given water way
- scientific examination
- securing evidence and assessment of damage

All electric fishing devices are designed according to VDE-regulations and tested and approved by TÜV (Technical Safety Association). The electric components comply with protection class II. Hence all electrified parts have double insulation and the highest possible safety for the operator is achieved. A dead man's switch, which is compulsory in Germany, further increases the operational safety of the devices as voltage and current are cut instantaneously in case of an emergency. Every unit has to undergo a thorough mechanical and electrical tests before it leaves our house. A detailed manual of operation is included with each device. We grant a one-year warranty for all our electric fishing devices.

Trust our know-how as market leader, as thousands of satisfied clients before. We are happy to advise you free of charge and without obligation for your optimal catch.



Overview of Types - Application



The table above shows an overview of our fishing devices with specification of type, its standard voltage, power and weight. The bars indicate the fields of in respect of the conductivity of the water. They are valid for the use of rope cathodes and a single hand-held anode. The devices can as well be adjusted to other levels of conductivity. For optimum setting of the voltage to the conductivity of the water you wish to fish in, send us a 0.2 l sample. We are happy to determine the conductivity of your water free of charge for you.

Impulse Current or Direct Current?

Basically direct current is to be preferred to impulse current, as its anodic effect enables the fish to keep more of its swimming capability. If you are confronted with extremely high conductivity or if you want to electrify a net to serve as a barrier, you will soon meet the limits of direct current operation, as the device simply cannot deliver the required power. Of course it would be possible to build units with 20 or 30 KW but these would not be mobile enough. If the conductivity is very low, you are limited by the maximum permitted voltage of 750 V direct current: On the other hand the use of pulsed current is permitted up to 1000 V. Consequently we have developed very powerful impulse devices which also meet extreme requirements in respect to the conductivity of the water. Very good results can be achieved because of the infinitely variable impulse frequency and voltage (via the rpm or voltage selectors on

petrol- or battery powered units respectively).

Standard or Lightweight Construction

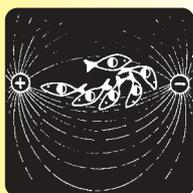
All units containing ...II... in their name feature reduced weight compared to the standard models. They produce slightly increased power output and are more expensive due to the use of modern lightweight permanent magnets. All backpack-type units are designed as lightweight models.

Fish Barriers

Devices to guide fish, also called fish barriers, are quite often used nowadays. Their applications are the shutting off of the inlets of power plants and factories, the guidance of fish to fish ladders near river locks or barriers to divide fish farming ponds. Our devices are available in various power ratings, serving many different barrier sizes. They work fully electronically following the capacitor-discharge principle. The discharges are anti-parallel, i.e. a positive impulse is followed by a negative one. This ensures the optimal life-span of the electrodes. The units can be efficiently controlled by the digital display of the impulse frequency and impulse range. Due to the use of the capacitor discharge technology the big transformer, which would otherwise be necessary, is redundant and the requirements are reduced to a minimum. The devices are characterised by their lightweight and slim build. Tell us your problem and we will be happy to work out a non-committing offer for you.

ELECTRIC FISHING DEVICES





Battery-Powered Impulse

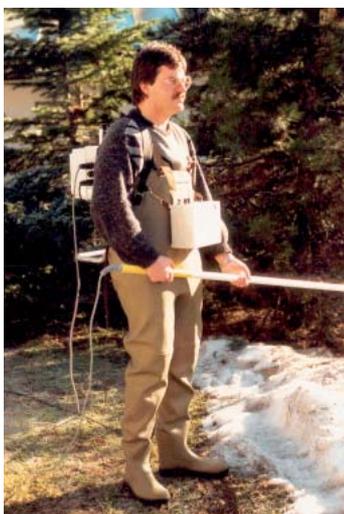
- Order No. IG200-1B – IG200/1 (300/400/500/600V)
- Order No. IG200-1D – IG200/1 (350/500/650/800V)
- Order No. IG200-2B – IG200/2 (300/400/500/600V)
- Order No. IG200-2D – IG200/2 (350/500/650/800V)
- Order No. IG600 – IG 600 (300/400/500/600/700 V)

With Direct Current Output

- powerful, up to 10KW/Impulse and 600 W direct current
- large voltage range up to 800V
- frequency infinitely variable
- noiseless
- highest quality, modern electronics
- leak-proof batteries

Technical Specifications	IG200/1	IG200/2	IG600
		<i>Gel-lead battery 12 V</i>	
Battery	2*6,5Ah/12V=	20Ah/12V=	2*25Ah/12V=in Reihe
Input voltage	12 V=	12 V=	24 V=
Voltage output impulse type B	300/400/500/600 Vss	300/400/500/600 Vss	300/400/500/600/700 Vss
Voltage output DC type B	–	150/200 V=	150/200/250/300/350 V=
Voltage output impulse type D	350/500/650/800 Vss	350/500/650/800 Vss	–
Voltage output DC type D	–	175/250 V=	–
Input current setting 1	max. 15A	max. 15A	max. 15A
Input current setting 2	–	max. 20A	max. 20A
Input current setting 3	–	max. 25A	max. 30A
Power output impulse setting 1	5kW/impulse	5kW/impulse	5kW/impulse
Power output impulse setting 2	–	10kW/impulse	10kW/impulse
Power output DC setting	–	250 Watt	600 Watt
Impulse frequency	35 - 100 Impulse/second		
Protection class	II		
type of protection	IP 54		
Dimensions (H*W*D)	58*33*21 cm	58*33*21 cm	
Weight	ca. 10 kg	ca. 13.5 kg	ca. 20 kg

The height of the device voltage depends on the conductivity of the water to be fished in. The standard model delivers up to 600 V.



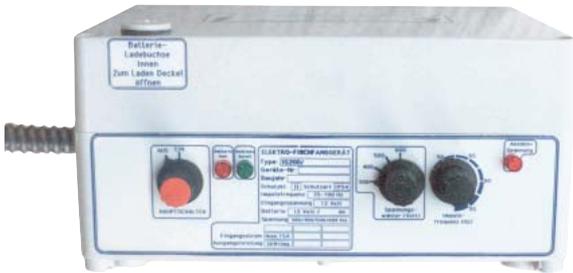
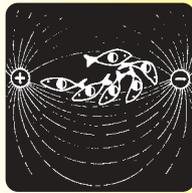
The units IG200/2 and IG600 additionally allow to fish with direct current without annoying engine noise. A button built into the anode rod or mounted to the unit itself, allows to switch to direct current in an instant whenever wanted. One other additional feature is that they offer two impulse strengths.

Operation:

A dead man's switch built into the catching rod allows easy use of the device. An additional external dead man's switch can be connected. Then it is possible to cast the rod (an ordinary electric catching rod without built-in dead man's switch must be used).

Accessories

- Order No. EL20061 battery 12V/6,5Ah (2 required for IG 200/1)
- EL20062 battery 12V/20Ah (1 required for IG 200/2)
- EL20069 battery 12V/25Ah (2 required for IG600)
- EL20068 Adapter to separately charge batteries
- EL20067 battery charger 12V/1A (for IG200/1 and IG200/2)
- EL20076 battery charger 24V/1A (for IG600)



Control unit IG200/1

Control box IG200/1

Equipment and Controls

On/Off switch, AC/DC switch, voltage selector, frequency selector, display lamps for: empty battery, device ready, anode voltage.

Sockets for: 1 cathode, 1 anode, 1 dead man's switch

IG200/2 and IG600 additionally:

Power-level switch (impulse 1, 2 and direct current), overload indicator

IG600 additionally:

Voltage selector switch for direct current, display of feed current strength

Special catcher rods can be connected to the devices:

Anode-set 1b (for IG200/1) has a dead man's switch built into the rod. Anode-set 1c (for IG200/2 and IG600) has a dead man's switch built into the catcher rod as well as a switch for AC/DC selection (power level selection directly on the device). If you decide to use one of these sets, there is no need to order any additional dead man's switch.

Operational Time:

Continuous impulse current operations can last up to 5 hours in the field. The units IG200/2 and IG600 last about 35 minutes during continuous direct current operations. In the field this time will be extended to about 2-3 hours as maximal output will not be needed continuously and the dead man's switch will not be pushed all the time. If you want to fish for a longer time it is advisable to take a replacement battery pack with you. All devices allow to simply and easily exchange the batteries during minimum of time needed. The device IG600 allows to connect external batteries (for example large lead batteries) if you want to use it on a boat or do not want to carry the battery pack on your back.

Applications:

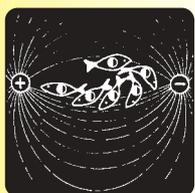
The units are especially suited for creeks of up to 5 m width. The removal of fish from farming ponds becomes easier. Ideal for scientific examinations. Because of the impulse current operation the devices are highly suitable for water with high conductivity (for example highly polluted water)



Control unit IG200/2



The electronic unit with the controls is attached to the shoulder straps of the battery pack by means of two hooks.



Backpack Unit ELT 61 II

Order No. ELT61 II – 300/570 V selectable

Order No. ELT61 II GI – 300/570 V selectable, with impulse-output

A substantially reduced weight and simultaneously increased power is characteristic for the new portable devices. Their compact design and an entirely new, permanently energised generator represent the latest standard. High quality magnetic materials which guarantee long-lasting and reliable operations are used.

Technical Data:

Engine:

Type: Tecna 2-stroke petrol engine (mixture 1:50)

Version: XLPro5

Power: 3.75 KW at 3600 rpm

Generator:

Type: three phase SD-generator, permanently energised, 360 Hz, protection class IP55, short-circuit proof

Version: G2, 1D

Power: 2100 W

Device:

Construction: Protection Class II, dual insulation according to VDE 0686, thermal and short-circuit protection, dead man's switch

Voltage: 300/500 (as well as 750 V max. according to customer's wish) selectable. Additionally adjustable through the speed of the engine.

Power: 2000 W

Weight: approx. 21 Kg

Dimensions: 450 x 390 x 680 mm

Pulser, for ELT61 II GI

Frequency: 25 – 100 Hz infinitely variable

Voltage: peak 580/960 V standard

Weight: 1 Kg of additional weight

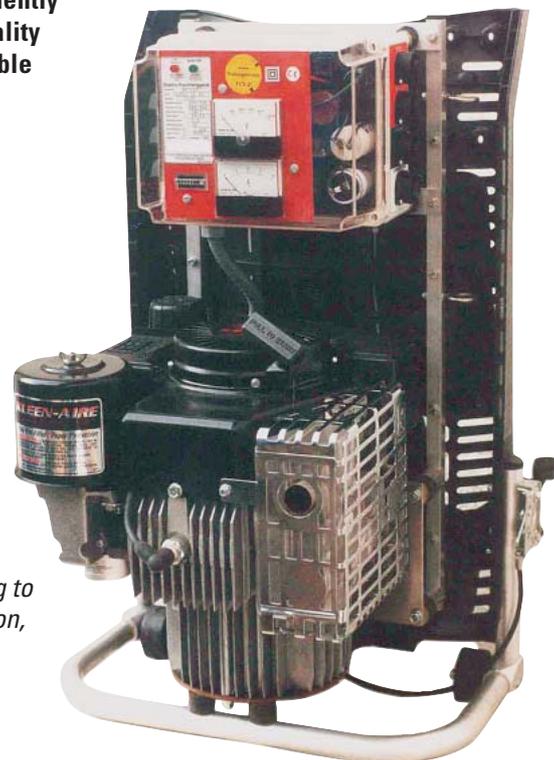
Power: 32 KW/Impulse

Operation:

A new type of control provides the highest possible comfort. In case of overload or even short-circuit, the protection of unit switches off the whole machine letting it power up again after one second (self-resetting protection). Therefore you can concentrate fully on fishing and will not lose time fiddling with the machine or even restarting the engine.

Impulse Device:

It differs with its slightly larger control box and an additional weight of approximately 1 Kg. Because of the impulse output it can be used under extremely bad or particularly good conductivity conditions. The impulse frequency can be set between 25 and 100 pulses per second. An additional switch allows the easy choice between direct and impulse current.



Equipment:

- slim unit completely mounted on backframe

Control Box:

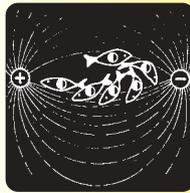
- power switch
- voltage selector
- display "unit ready"
- display "thermal overload"
- 2 anode jacks
- 1 cathode jack
- dead man's switch connection
- voltmeter
- ampere-meter

Additional ELT 61 II GI

- impulse control (20 – 100 Hz)
- switch for selection AC/DC

Accessory:

Order No. PU5924 Special handheld engine control
With built-in dead man's switch



Backpack Unit ELT 62 II

Order No. ELT62 II – 300/570 V selectable

Order No. ELT62 II GI – 300/570 V selectable, with impulse-out

A substantially reduced weight and simultaneously increased power is characteristic for the new portable devices. Their compact design and an entirely new, permanently energised generator represent the latest standard. High quality magnetic materials which guarantee long-lasting and reliable operations are used.

Technical Data:

Engine:

Type: Honda 4-stroke petrol engine, (92 octane, lead-free)

Version: GXV120

Power: 2.94 KW at 3600 rpm

Generator:

Type: three phase SD-generator, permanently energised, 360 Hz, protection class IP55, short-circuit proof

Version: G2, 1D

Power: 2100 W

Device:

Construction: Protection Class II, dual insulation according to VDE 0686, thermal and short-circuit protection, dead man's switch

Voltage: 300/500 (as well as 750 V max. according to customer's wish) selectable. Additionally adjustable through the speed of the engine.

Power: 2000 W

Weight: approx. 21 Kg

Dimensions: 450 x 390 x 680 mm

Pulser, for ELT62 II GI

Frequency: 25 – 100 Hz infinitely variable

Voltage: peak 580/960 V standard

Weight: 1 Kg of additional weight

Power: 32 KW/Impulse

Operation:

A new type of control provides the highest possible comfort. In case of overload or even short-circuit, the protection of unit switches off the whole machine letting it power up again after one second (self-resetting protection). Therefore you can concentrate fully on fishing and will not lose time fiddling with the machine or even restarting the engine.

Impulse Device:

It differs with its slightly larger control box and an additional weight of approximately 1 Kg. Because of the impulse output it can be used under extremely bad or particularly good conductivity conditions. The impulse frequency can be set between 25 and 100 pulses per second. An additional switch allows the easy choice between direct and impulse current.



Equipment:

- slim unit completely mounted on backframe

Control Box:

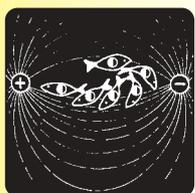
- power switch
- voltage selector
- display "unit ready"
- display "thermal overload"
- 2 anode jacks
- 1 cathode jack
- dead man's switch connection
- voltmeter
- ampere-meter

Additional ELT 61 II GI

- impulse control (20 – 100 Hz)
- switch for selection AC/DC

Accessory:

Order No. PU5924 Special handheld engine control
With built-in dead man's switch



Backpack Unit ELT 62 II – 160

Order No. ELT62 II –160 – 300/570 V selectable

Order No. ELT62 II GI – 160 – 300/570 V selectable, with impulse-out

A substantially reduced weight and simultaneously increased power is characteristic for the new portable devices. Their compact design and an entirely new, permanently energised generator represent the latest standard. High quality magnetic materials which guarantee long-lasting and reliable operations are used.

Technical Data:

Engine:

Type: Honda 4-stroke petrol engine, (92 octane, lead-free)

Version: GXV120

Power: 2.94 KW at 3600 rpm

Generator:

Type: three phase SD-generator, permanently energised, 360 Hz, protection class IP55, short-circuit proof

Version: G2, 1D

Power: 2100 W

Device:

Construction: Protection Class II, dual insulation according to VDE 0686, thermal and short-circuit protection, dead man's switch

Voltage: 300/500 (as well as 750 V max. according to customer's wish) selectable. Additionally adjustable through the speed of the engine.

Power: 2000 W

Weight: approx. 21 Kg

Dimensions: 450 x 390 x 680 mm

Pulser, for ELT62 II GI

Frequency: 25 – 100 Hz infinitely variable

Voltage: peak 580/960 V standard

Weight: 1 Kg of additional weight

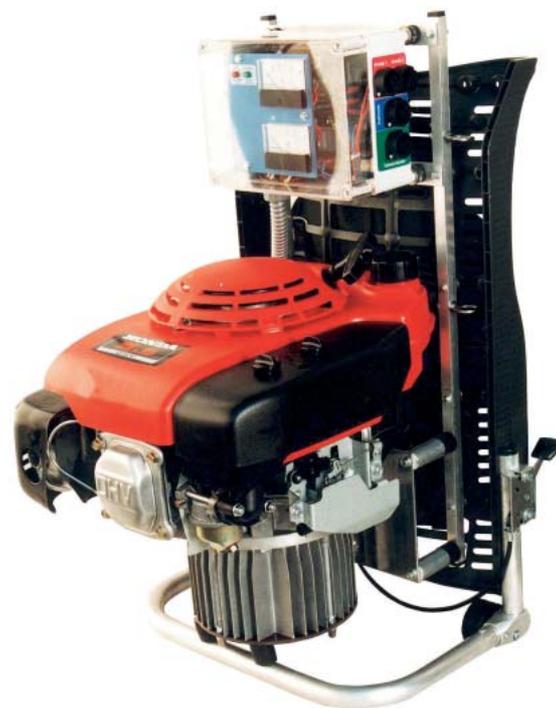
Power: 32 KW/Impulse

Operation:

A new type of control provides the highest possible comfort. In case of overload or even short-circuit, the protection of unit switches off the whole machine letting it power up again after one second (self-resetting protection). Therefore you can concentrate fully on fishing and will not lose time fiddling with the machine or even restarting the engine.

Impulse Device:

It differs with its slightly larger control box and an additional weight of approximately 1 Kg. Because of the impulse output it can be used under extremely bad or particularly good conductivity conditions. The impulse frequency can be set between 25 and 100 pulses per second. An additional switch allows the easy choice between direct and impulse current.



Equipment:

- slim unit completely mounted on backframe

Control Box:

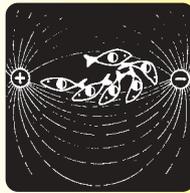
- power switch
- voltage selector
- display "unit ready"
- display "thermal overload"
- 2 anode jacks
- 1 cathode jack
- dead man's switch connection
- voltmeter
- ampere-meter

Additional ELT 61 II GI

- impulse control (20 –100 Hz)
- switch for selection AC/DC

Accessory:

Order No. PU5924 Special handheld engine control
With built-in dead man's switch



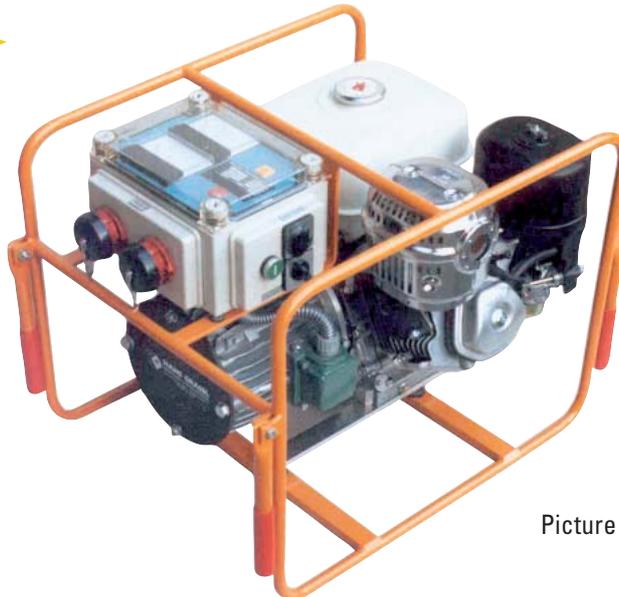
Electric Fishing Devices with Transport/Protective Frame

Lightweight Version

- Order No. EL62 II - EL62 II, 300/500 V selectable
- Order No. EL62 II GL - EL62 II GL, 300/500 V selectable with impulse output 600 V
- Order No. EL63 II - EL63 II, 350/600 V selectable
- Order No. EL63 II GL - EL63 II GL, 350/600 V selectable with impulse output 700 V
- Order No. EL64 II - EL64 II, 350/600 V selectable
- Order No. EL64 II GL - EL64 II GL, 350/500 V selectable with impulse output 700 V
- Order No. EL65 II - EL65 II, 350/600 V selectable
- Order No. EL65 II GL - EL65 II GL, 350/500 V selectable with impulse output 700 V

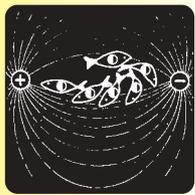
A substantially reduced weight characterise these new units. Nevertheless they provide even a little higher power output than the standard devices EL62, EL63, EL64 and EL65. Their compact design and the permanently energised generator represent state of the art technology. Highest quality magnetic materials are used, guaranteeing a long service life and high reliability.

**Lightweight,
Sturdy Stainless
Steel**



Picture EL63 II

Technical Specifications	EL62 II	EL63 II	EL64 II	EL65 II
Drive :	Honda 4-stroke petrol engine			Briggs&Stratton
	GX 160	GX270	GX390	Vanguard 18 HP
Power :	4 kW at 3600 Upm	6,6 kW at 3600 Upm	9,6 kW at 3600 Upm	12,8 kW at 3600 Upm
Generator:	3 phase SD generator, permanently energised, 360 Hz, protection class II, VDE 0686, IP55			
	Power 3200 Watt	Power 5000 Watt	Power 8000 Watt	Power 11000 Watt
Voltage:	Voltage: 350/600 V selectable (EL62II:300/500 V). Additionally adjustable through engine rpm			
Construction:	Protection Class II, dual insulation according to VDE 0686, short circuit protection, dead man's switch, two anode sockets			
Power:	2800 Watt	4500 Watt	7500 Watt	10000 Watt
Weight	Approx. 39 kg	Approx. 52 kg	Approx. 68 kg	Approx. 79 kg
	Pulser for units with impulse output			
Frequency:	Impulse frequency infinitely variable 25 – 80 Hz			
Voltage:	Peak voltage 700 V standard (EL62 II: 600 V)			
Weight:	Additional weight approx. 10 Kg			
Power:	50 kw/Impulse	80 kw/Impulse	120 kw/Impulse	160 kw/Impulse



Electric Fishing Devices

ELECTRIC FISHING DEVICES



Operation:

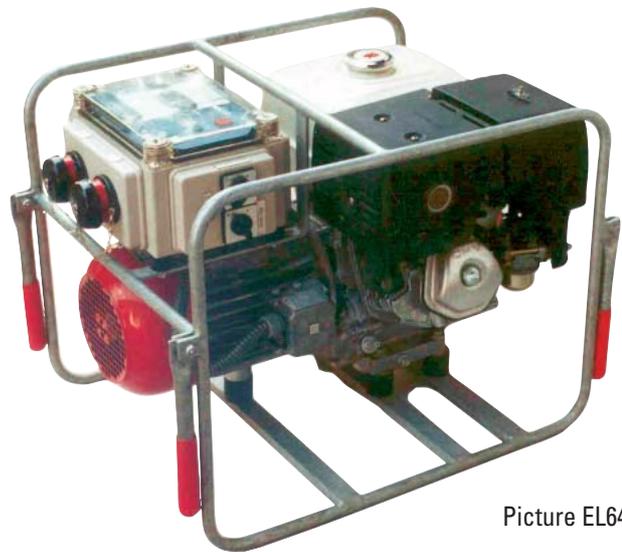
A new type of control provides the highest possible comfort. In case of overload or even short-circuit, the protection circuit switches off the whole machine instantaneously, letting it power up again after one second (self-resetting protection). Therefore you can concentrate fully on fishing and will not lose time fiddling with the machine or even restarting the engine.

Equipment:

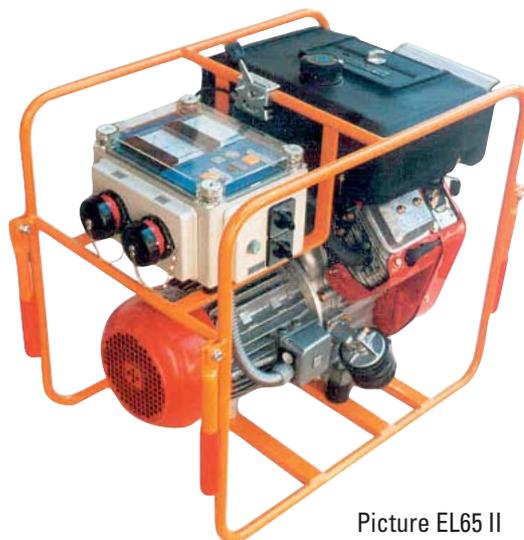
Unit suspended by means of stabiliser elements in a carry-frame made of stainless steel.
Switch box made of especially sturdy, shock-proof plastic attached to the frame with shock-absorbing elements. It is equipped with: power switch, voltage selector, display "device ready" and "thermal overload", 2 anode sockets, 1 cathode socket, connector for dead man's switch, voltmeter and ampere-meter
Additional pulser for GL series:
Frequency selector, 2 impulse anode sockets, switch for impulse operation.

Impulse Devices:

These units in addition to the direct current output offer an impulse-out with a power of 50-160 KW/impulse and 600/700 V peak voltage depending on the version. Now it is possible to fish in waters with high conductivity, too. These devices are especially suited for electrifying nets in lakes or barriers in rivers. The device has about 10 Kg of additional weight as compared to the standard version. Impulse frequency infinitely variable between 25 – 80 Hz. The impulse-out can simply be selected with a switch. It is not possible to fish with direct and pulsed current at the same time.

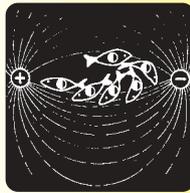


Picture EL64 II



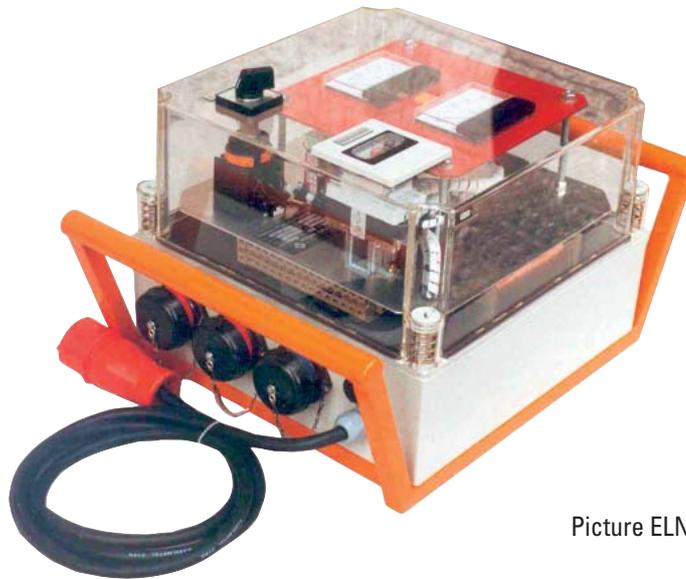
Picture EL65 II

Starting with EL64 II the generators are separately suspended and equipped with a fan for a long service life.



Mains-Operated Electric Fishing Devices

- connectable to normal 3 phase AC
- Type ELN 61 also single phase AC
- Connectable to emergency generators
- High operational safety and reliability due to use of special transformer



Picture ELN 64

Technical Specifications:

- Power:** see order table
Transformer: depending on type, single or three phase AC special transformer
Voltage: selectable in two steps, depending on conductivity (possible voltage up to 750 V) for mains frequency of 50 Hz
Construction: Protection Class II, short circuit proof, dead man's switch, two anode sockets, power-out: 2000 – 15000 W
Weight: see order table

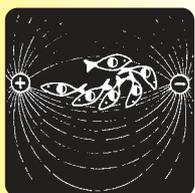
Equipment:

Unit completely built into insulating switch-box with rubber stands and handles. Switchbox with: power switch, voltage selector, display "device ready", display "anode under tension", 2 anode sockets, 1 cathode socket, dead man's switch connector, volt- and ampere-meter

Impulse Output:

On request, every unit can be equipped with an impulse-out (extra charge). It is then possible to fish in waters with very high conductivity. Also the device is especially suited for the electrification of nets in lakes or barriers in rivers. The device has an additional weight of approximately 15 Kg. Impulse frequency infinitely variable between 25 and 80 Hz. Voltage according to your wish max. 800 V.

Order No.	Type	Mains connection	Weight (kg)	Sustainable power (Watt)	Peak power (Watt)
ELN61	Electric fishing device ELN 61	1 phase AC	15	1000	2000
ELN62	Electric fishing device ELN 62	3 phase AC	25	1500	3000
ELN64	Electric fishing device ELN 64	3 phase AC	44	2500	5000
ELN66	Electric fishing device ELN 66	3 phase AC	70	5000	10000
ELN67	Electric fishing device ELN 67	3 phase AC	100	7500	15000



Additional Impulse Former

- Order No. IZG62 – impulse add-on IZG 62
- Order No. IZG63 – impulse add-on IZG 63
- Order No. IZG64 – impulse add-on IZG 64
- Order No. IZG65/66 – impulse add-on IZG 65/66

These units are add-ons to be connected to already existent electric fishing devices. It is required that the electric fishing device be equipped with a special transformer and a 6-pin control socket. If this is not the case we can upgrade it for you. If you plan to purchase a new fishing device it can be planned to allow connection of the impulse add-on. Thus a useful alternative to devices with built-in impulse formers has been created. The add-ons should be chosen to suit the power of the fishing device, basically the minimum power-out should be 2500 W.



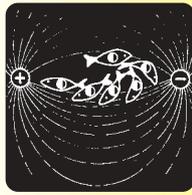
Technical Specifications		
Type	Impulse Power KW	Max. Voltage V
IZG 62	50	700
IZG 63	80	700
IZG 64	120	700
IZG 65/66	160	700

Preferred Fields of Application:

- **waters with high conductivity**
if your direct current fishing device cannot deliver enough power (due to the high conductivity) the IZG is used
- **barriers**
- **electrified nets**

Equipment:

Connecting cable with plugs for cathode, anode, control leads. Main On/Off switch, impulse frequency selector (25 – 80 Hz), voltmeter for peak voltage. Output connectors: 1 cathode, 2 anode



Electric Fishing Devices – Accessories

Anode Sets

Anode sets are the indispensable accessory for the electro-fishery. They comprise an extremely lightweight fibreglass rod with V2A catcher bow as fishing pole, anode connector cable to be screw-connected to the fibreglass rod on the one end and plug for the anode socket on the other. The cathode consists of a copper ribbon with connecting cable as well as plug for the cathode socket.

Anode set 1b has a catching-rod with built in dead man's switch, anode set 1c additionally a switch for the selection between impulse and direct current. If you decide to use one of these two anode sets, you do not need to purchase a dead man's switch separately.

Order No.	Suitable for device	Anode type	Catcher bow	Length of rod	Length of anode cable	Plug	Copper cathode	Length of cathode cable	Net
EL20015	EIT60/61 (GI), LENB 61 (GI)	1a	Ø30 cm	2 m	5 m	small	2 m Cu	5 m	with
EL20014	IG200/1/2, GG600, ELT62 II (GI)								without
EL20078	IG200/1	1b	Ø30 cm	2 m	5 m	small	2 m Cu	5 m	with
EL20077									without
EL20079	IG200/2, IG600	1c	Ø30 cm	2 m	5 m	small	2 m Cu	5 m	with
EL20090									without
EL20017	EL62, EL 62 II	2b	Ø40 cm	2,5 m	15 m	small	3 m Cu	15 m	with
EL20016									without
EL20021	EL62 (II) GL, ELN 62	2b	Ø40 cm	2,5 m	15 m	large	3 m Cu	15 m	with
EL20019									without
EL20018	EL63 (II) (GI), ELN 64	3a	Ø50 cm	2,5 m	15 m	large	4 m Cu	15 m	with
EL20020									without
EL20023	EL 64 (II) (GI), ELN 66	3b	Ø50 cm	2,5 m	15 m	large	5 m Cu	15 m	with
EL20022									without
EL20025	EL 65/66 (II) (GI), ELN 67	3c	Ø50 cm	2,5 m	15 m	large	6 m Cu	15 m	with
EL20024									without
EL00049	Surcharge for extra-length of catcher rod								
EL10019	Surcharge for extra-length of cable								

Of course you can order any length of cable and catcher rod. The price calculates according to the current price list.

The version with a net has a special extra-flat net (see also 11-15 "anode catcher bow").



Cathode with cable



Anode cable



Catcher bow

TÜV Inspection and Approval

Order No. DI2001 TÜV inspection and certificate of approval

Order No. DI2001 TÜV inspection, refresh

To be used in Germany, the devices must be inspected by TÜV (technical safety association) and have a certificate of approval.

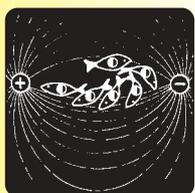
Rubber Gloves



Order No. GU00019 Rubber Gloves small-medium (size 9)

Order No. GU00020 Rubber Gloves medium-large (size 10)

Special rubber gloves for the use with electric tensions, tested with 1000 V according to VDE. Due to safety reasons you should never fish without these gloves.



Dead Man's Switch



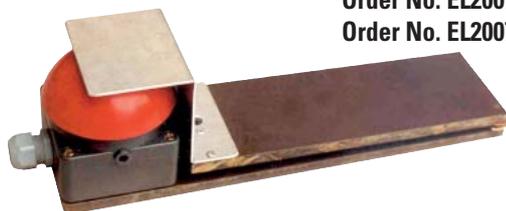
- Order No. EL20051 – dead man's switch complete with cable 1.5 m
- Order No. EL20052 – dead man's switch complete with cable 3.0 m
- Order No. EL20053 – dead man's switch complete with cable 5.0 m
- Order No. EL20054 – dead man's switch complete with cable 10.0 m
- Order No. EL20055 – dead man's switch complete with cable 20.0 m

To use the dead man's circuit of devices equipped with it (mandatory in Germany), you need this push-button. It is not included with the device and needs to be ordered separately. The dead man's switch comes complete with 1.5 – 20 meters of cable and plug for the safety connector. It is suitable for all fishing devices in this catalogue.

Parts:

- Order No. EL20056 dead man's switch
- EL20057 control cable per meter
- EL20039 connector, small

Foot-Operated Dead Man's Switch



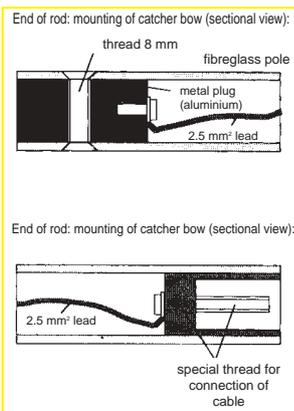
- Order No. EL20070 – foot-operated dead man's switch complete with cable 1.5 m
- Order No. EL20071 – foot-operated dead man's switch complete with cable 3.0 m
- Order No. EL20072 – foot-operated dead man's switch complete with cable 5.0 m
- Order No. EL20073 – foot-operated dead man's switch complete with cable 10.0 m
- Order No. EL20074 – foot-operated dead man's switch complete with cable 20.0 m

Alternatively this foot-operated dead man's switch can be used for fishing with our electric fishing devices. It is especially suited for use in boats. The dead man's switch comes complete with 1.5 – 20 meters of cable and plug for the safety connector. It is suitable for all fishing devices in this catalogue.

Parts:

- Order No. EL20075 dead man's switch
- EL20057 control cable per meter
- EL20039 connector, small

Dead Man's Switch

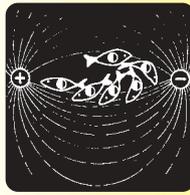


- Order No. EL20091 – electric fishing rod 2.0 m
- Order No. EL20092 – electric fishing rod 2.5 m
- Order No. EL20093 – electric fishing rod 3.0 m
- Order No. EL20094 – surcharge per meter of over-length

Special, extra-lightweight version as accessory for our electric fishing devices. They consist of a fibreglass rod (outside Ø 30 mm) available with a maximum length of 6 m. The rod is closed off watertight on one end by a metal plug with threaded hole. This is where the catcher bow is screwed in. The other end is also closed off watertight by means of a special screw. The anode-cable is connected securely to the rod's base by screw-on connector. The connection is watertight and absolutely reliable. You can order any length needed, lengths above 3.0 m are subject to the surcharge for over-lengths according to the current price list.

Parts

- Order No. EL20050 catching-rod end-bolt "K"



Anode Catcher Bow made of V2A (catching pole)

- Order No. EL00051 – anode catcher bow size 1 (Ø 30 cm)
- Order No. EL00052 – anode catcher bow size 2 (Ø 30 cm)
- Order No. EL00060 – anode catcher bow size 3 (Ø 30 cm)
- Order No. EL00053 – anode catcher bow size 1 with net
- Order No. EL00054 – anode catcher bow size 2 with net
- Order No. EL00061 – anode catcher bow size 2 with net

The net is not fastened directly to the bow but to an additionally welded-in mounting rod. Thus the net won't get tangled in roots or branches when you closely pass those with the outer rim of the catcher. The extra-flat net additionally improves the ease of use as the danger of getting stuck is even more reduced. If you order the catcher with net, it is readily mounted into the holder. Which catching pole suits which device is listed on page 11-13, table "anode sets".



- Size 1 = 6 mm mesh spacing
- Size 2 = 10 mm mesh spacing
- Size 3 = 15 mm mesh spacing

Replacement parts:

- | | |
|-----------|--|
| Order No. | |
| EL0055 | extra-flat special net size 1 |
| EL0056 | extra-flat special net size 2 |
| EL0062 | extra-flat special net size 3 |
| KN500503 | netting yarn for fastening of net (approx. 10 m) |

Anode Cables

- | | |
|--|--|
| Order No. | EL00041 – anode cable 15 m (large connector) |
| EL00040 – anode cable 5 m (small connector) | EL00095 – anode cable 20 m (large connector) |
| EL00092 – anode cable 10 m (small connector) | EL00096 – anode cable 25 m (large connector) |
| EL00093 – anode cable 15 m (small connector) | EL10010 – surcharge for each additional meter of special rubber-coated cable |
| EL00094 – anode cable 10 m (large connector) | |

The anode cable is for the connection of the electric catching rod to the anode socket of the device. It is made of a very sturdy rubber cable. An appliance connector is connected to the one end (small/large version) while the other end has the threaded plug for the catching rod. The rod is fastened by approximately 5 revolutions (the cable suits all catching rods in the catalogue); the connection is absolutely water-tight and reliable. With cable sleeve for cable protection. You can

order any length needed, the price is calculated according to the valid price list.



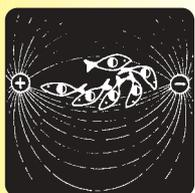
Small connector



Large connector

Parts

- | | |
|-----------|---------------------------------------|
| Order No. | |
| EL00039 | device connector small |
| EL00038 | device connector large |
| EL00042 | threaded catcher bow connector |
| EL10018 | special rubber-coated cable per meter |



Cathodes

Order No.

- EL00043 – cathode 1, 2 m Cu, 5 m cable, small plug
- EL00063 – cathode 2a, 3 m Cu, 15 m cable, small plug
- EL00064 – cathode 2b, 3 m Cu, 15 m cable, large plug
- EL00045 – cathode 3a, 4 m Cu, 15 m cable, large plug
- EL00065 – cathode 3b, 5 m Cu, 15 m cable, large plug



Normal cathode



Floating cathode



Small connector



Large connector

Order No.

- EL00066 – cathode 3c, 6 m Cu, 15 m cable, large plug
- EL00046 – floating cathode 3a, 4 m Cu, 15 m cable large plug
- EL00067 – floating cathode 3b, 5 m Cu, 15 m cable large plug
- EL00068 – floating cathode 3c, 6 m Cu, 15 m cable large plug
- EL10019 – surcharge for over-length of cable per meter

The cathodes consist of a copper ribbon, the actual cathode, and an inseparably connected sturdy cable with insulation made of special rubber. Different versions are available however we advise to use cathode 1 with 5 m of cable with portable devices as this cathode has reproducibly presented the best results. Any length of cable can be confectioned for your need. The price calculates from our valid price list. Which cathode to use with which device you can look up on page 11-13, table "anode sets". The length of the copper ribbon is important in this case. Floating cathodes are especially suited when fishing from boats. They are unsinkable with the float having a length of 2 m.

Parts:

Order No.

- EL00039 device connector small
- EL00038 device connector large
- EL10018 special rubber-coated cable, per meter
- EL00047 copper ribbon, per meter

Cable Drum, plastic, with slip-ring

- Order No. KA10006 – cable drum with cable 100 m, small connector
- Order No. KA10010 – cable drum with cable 100 m, large connector
- Order No. KA10005 – cable drum with cable 200 m, small connector
- Order No. KA10011 – cable drum with cable 200 m, large connector

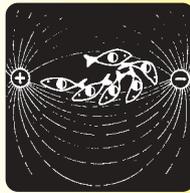
Special Accessory for electro-fishery. The slip-ring allows to pull cable, even when it is plugged in. There are two versions, one for 100 m of cable and one for 200 m.



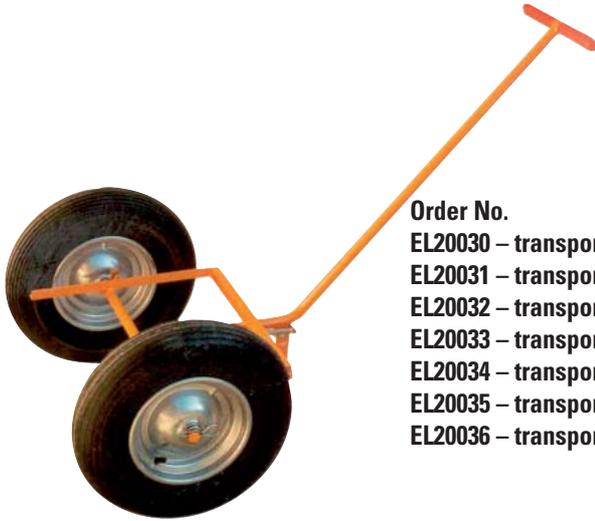
Parts:

Order No.

- KA10002 cable drum 100 m without cable
- KA10001 cable drum 200 m without cable
- EL10018 special rubber-coated cable, per meter



Transport Frame



Order No.

- EL20030 – transport frame for EL62
- EL20031 – transport frame for EL62 GI
- EL20032 – transport frame for EL62 II
- EL20033 – transport frame for EL62 II GI
- EL20034 – transport frame for EL63
- EL20035 – transport frame for EL63 GI
- EL20036 – transport frame for EL63 II
- EL20037 – transport frame for EL63 II GI
- EL20038 – transport frame for EL64
- EL20039 – transport frame for EL64 GI
- EL20040 – transport frame for EL64 II
- EL20041 – transport frame for EL64 II GI
- EL20042 – transport frame for ELN64
- EL20043 – transport frame for EL65
- EL20044 – transport frame for EL65 GI
- EL20045 – transport frame for EL65 II
- EL20046 – transport frame for EL65 II GI
- EL20047 – transport frame for EL66
- EL20048 – transport frame for EL66 GI
- EL20049 – transport frame for ELN66
- EL20095 – transport frame for ELN67

All larger devices can be equipped with a transport frame. Two special screws fasten the transport frame to the carry-frame of the fishing device. The large pneumatic tyres allow easy transport even on difficult ground. The stand of the frame folds away. The wheels are removable.



Parts

- Order No.**
 EL20029 Pneumatic Tyre, 1 complete pcs.

Floodlights

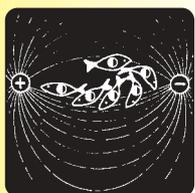
- Order No. EL20080 – 12 V socket, alternator for EL65... with installation costs
- Order No. EL20081 – 12 V socket, alternator for EL66... with installation costs
- Order No. EL20082 – complete lighting mast 110 W



The devices EL65... and EL66... can be equipped with alternators for 110 W power output to power the floodlights. The two halogen lights with 55 W respectively are mounted on the 2 m mast. They can be swivelled and the connecting cable has the suitable connector for the socket of the alternator. The mast slides into a standpipe mounted to the device.

Parts:

- Order No.**
 EL20053 socket 12 V
 EL20013 plug 12 V
 EL20083 complete floodlight 55 W
 EL20084 replacement light bulb 12V H3
 EL20085 standpipe with mounting clips
 EL20086 cable 2 pole, per meter



Additional Petrol Tank 25 l



Order No. EL20087 – petrol tank 25 l
Order No. EL20088 – special petrol-hose
Order No. EL20089 – carburettor connection piece

This tank offers a volume of 25 litres and is included complete with the carburettor connection piece and the special hose with the EL66-series. It has a carry-handle. The connection to the carburettor is realised with special petrol-hose and quick-lock latches.

Warning Sign (black writing on yellow ground)



Order No. EL20050 – warning sign
Order No. EL2005001 – warning sign with wooden ole

These signs should be put up around the area where electric fishing devices are in use to warn trespassers of the dangers inherent in electro-fishery.

Hip-High Boots – Wading Trousers “Electra”



Order No.
GU00012 – hip-high boots “Electra”
GU0001201 – hip-high boots “Electra” with alpine soles
GU00007 – wading trousers “Electra”
GU0000701 – wading trousers “Electra” with alpine soles

These pieces of equipment have been specially designed to meet the fishermen's need. Before they leave our hose they are tested with 2000V of tension (for their insulation). The hip-high boots and wading trousers are made of vulcanised caoutchouc and have an inside canvas lining. They are very comfortable to wear due to their light weight and good cut. Upon request they are also available with alpine soles (spikes).

The hip-high boots and the wading trousers are available in the sizes 39 – 47. Please do not forget to specify when ordering.

