



**axe**

**250 / 320 PULSE SMART  
250 / 320 PULSE MOBIL**

# aXe 250 PULSE smart AL

# aXe 320 PULSE smart AL

**Welding synergy inverter for MIG/MAG, MIG/MAG pulse and MMA.**

- MIG/MAG - Full synergy or manual mode
- Instant access to six currents
- Excellent weld ability in mixed gas and CO<sub>2</sub>
- Welds with wires 0,6; 0,8 mm; 1,0; 1,2 mm of different metals and alloys (such as carbon steel and alloy steel, aluminum, etc.)
- Continuous voltage regulations
- Settable Pregas, Postgas, Burn back, Initial speed
- MAG welding with self-shielding wire (reverse polarity)
- Module MMA - Welds with electrodes up to diameter of 4,0 mm
- Electronic regulations of the choke
- Ecological cooling mode
- Led lighth in the feeder space
- Front wheel with a brake
- On customer's request water cooling

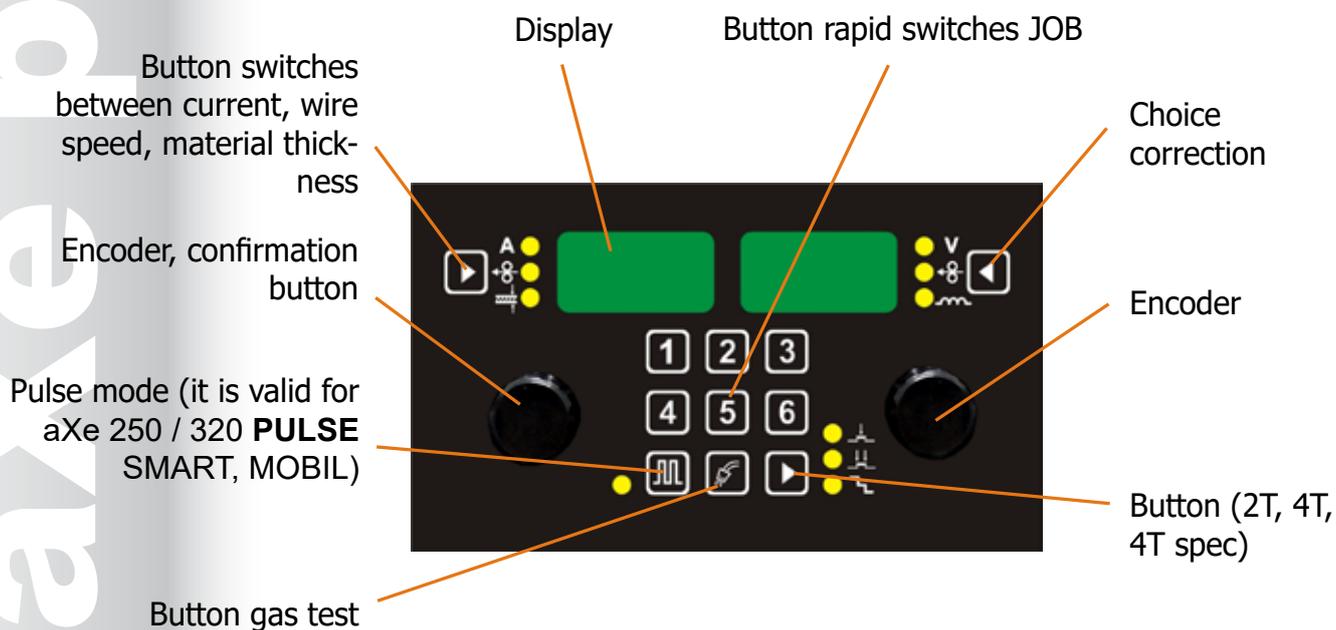


**It is so easy to go to the pulse mode!**

With just one push of a button, everything is set for pulse mode welding ...

### Control panel

aXe 250 / 320 PULSE SMART AL, aXe 250 / 320 SMART  
aXe 250 / 320 PULSE MOBIL AL, aXe 250 / 320 MOBIL



**aXe 250** smart

**aXe 320** smart

### **Welding synergy inverter for MIG/MAG and MMA**

- MIG/MAG - Full synergy or manual mode
- Instant access to six currents
- Excellent welding characteristics in mixed gas and CO<sub>2</sub>
- Welds with wires 0,6; 0,8 mm; 1,0; 1,2 mm of different metals and alloys (such as carbon steel and alloy steel, aluminum, etc.)
- Continuous voltage regulations
- Settable pregas, postgas, burn back, initial speed
- MAG welding with self-shielding wire (reverse polarity)
- On request module MMA - Welds with electrodes up to diameter of 4,0 mm
- Electronic regulations of the choke
- Ecological cooling mode
- Led light in the feeder space
- Front wheel with a brake
- Preparation for SW pulse



**aXe 250 IN MIG MAN-4**

**aXe 320 IN MIG MAN-4**

### **Welding manual inverter for MIG/MAG**

- Excellent welding characteristics in mixed gas and CO<sub>2</sub>
- Welds with wires 0,6; 0,8 mm; 1,0; 1,2 mm of different metals and alloys (such as carbon steel and alloy steel, aluminum, etc.)
- Continuous voltage regulations
- Settable burn back
- MAG welding with self-shielding wire (reverse polarity)
- Electronic regulations of the choke
- Ecological cooling mode



smart  
safe

## ...other benefits of aXe SMART INVERTORS

**The top surface with a rubber storage surface** is a practical addition to the inverter.



**Front wheel with brake**

Newly, the aXe SMART inverters are equipped with a wheel with a brake that allows easy braking and disengaging the machine.



**The side cover window** enables easy and quick control of the amount of wires on the spool.



**Higher wire feeder class** - four-rollers feed with large rollers and incremental encoder results in safe and reliable wire feeding.



**Inner feeding lighting** - a strong LED effectively illuminates the interior and makes it easy to replace the wire in poor lighting conditions.



**The robustness of the handles** adds reliable protection to the controls against possible impact and allows for excellent handling of the machine.



**Polarity change possibility**  
Optimal for welding with a self shielding wire.



**Czech made**

We are the traditional Czech manufacturer of the welding machines and transformers.



## Use torches DMB with remote control

They are useful,  
sturdy  
and they are not expensive

- 1) You can change welding current
- 2) You can tune up the arc
- 3) You can switch among JOBs

	<b>DMB</b>	<p><b>Air and water cooled torches with control modules.</b></p> <ul style="list-style-type: none"> <li>• You can change welding current</li> <li>• You can tune up the arc</li> <li>• You can switch among JOBs</li> </ul>	<p><b>Air cooled</b> DMB24-4</p> <p><b>Water cooled</b> DMB24W-4 DMB500-4</p>
	<b>SGB</b>	<p><b>Basic series air and water cooled torches MIG / MAG</b></p> <ul style="list-style-type: none"> <li>• premium performance and feature sets for professionals</li> </ul>	<p><b>Air cooled</b> SGB24-4 SGB36-4</p> <p><b>Water cooled</b> SGB401-4 SGB500-4</p>
	<b>SGA-LW DMB-LW</b>	<p><b>A new series ultralights torches</b></p> <ul style="list-style-type: none"> <li>• products with screw on nozzle assemblies and innovative light weight cable sets</li> </ul>	<p><b>Air cooled</b> DMB355-4LW SGA355-3LW SGA455-4LW</p>
	<b>STH</b>	<p><b>A Tig style torch concept for continuous welding</b></p> <ul style="list-style-type: none"> <li>• Infinitely adjustable through 360°</li> <li>• particularly suitable for positional, overhead welding</li> </ul>	<p><b>Air cooled</b> STH24-4</p>

See our website [www.alfain.eu/download](http://www.alfain.eu/download), you will find catalogue PARKER torches and spare parts.

### Shooting Blue Shark S7SUN9B, S7SUN9BBlack



**Welding Helmet S9B with the highest definition 1/1/1/1, light shade 3,5**

Reasonable super light design, excellent simple structure, comfortable wearing.

Tilt adjustment meets the specific ergonomic needs of the user. Pivot-style headgear distributes weight evenly. Balanced for all-day use.

**aXe 250 PULSE** mobil **AL**

**aXe 320 PULSE** mobil **AL**

**Welding synergy inverter for MIG/MAG, MIG/MAG pulse and MMA.**

**MIG/MAG** - Full synergy or manual mode

Instant access to six currents

Excellent weld ability in mixed gas and CO<sub>2</sub>

Welds with wires 0,6; 0,8 mm; 1,0; 1,2 mm of different metals and alloys (such as carbon steel and alloy steel, aluminum, etc.)

Continuous voltage regulations

Settable Pregas, Postgas, Burn back, Initial speed

MAG welding with self-shielding wire (reverse polarity)

Module **MMA** - Welds with electrodes up to diameter of 4,0 mm

4 roll feeders

Electronic regulations of the choke

Ecological cooling mode



**Portable**



The welder's cart P80 is designed to carry every type of portable inverters (including cooling unit). The cart for welding inverter is designed to hold inverter welders, accessories and gas cylinders and handling them for short distances. The cart can hold just one gas cylinder with a maximum diameter of 20 cm and a maximum height of 120 cm. The total weight to load onto the cart is 80 kg.

**aXe 250 mobil SYN**

**aXe 320 mobil SYN**

### **Welding synergy inverter for MIG/MAG and MMA**

MIG/MAG - Full synergy or manual mode

Instant access to six currents

Excellent weld ability in mixed gas and CO<sub>2</sub>

Welds with wires 0,6; 0,8 mm; 1,0; 1,2 mm of different metals and alloys (such as carbon steel and alloy steel, aluminum, etc.)

Continuous voltage regulations

Settable pregas, postgas, burn back, initial speed  
MAG welding with self-shielding wire (reverse polarity)

On request module MMA - Welds with electrodes up to diameter of 4,0 mm

Compact, portable

4 roll feeders

Electronic regulations of the choke

Ecological cooling mode



**aXe 250 mobil MAN**

**aXe 320 mobil MAN**

### **Inverter for MIG/MAG welding**

IGBT inverter for MIG (Metal Inert gas) and MAG (Metal Active Gas)

Excellent weld ability in mixed gas and CO<sub>2</sub>

Compact, portable

Welding of different types of joints (butt, single-sided, double-sided, fillet, lap, etc.)

Welds with wires 0,6; 0,8 mm; 1,0; 1,2 mm of different metals and alloys (such as carbon steel and alloy steel, aluminum, etc.)

MAG welding with self-shielding wire (reverse polarity)



aXe mobil

# Technical data

Illustration	Code	Name	Instant access to six currents	SYNERGY Automatic parameter setting	MMA	Control from torch	Welding current range A		Welding current DC=100% A		Welding current DC=60% A	
							MIG/MAG	MMA	MIG/MAG	MMA	MIG/MAG	MMA
	E.107	<b>aXe 250 PULSE</b> <i>smart</i> GAS AL					20 - 250	10 - 250	210	190	250	230
	E.106 E.106H	<b>aXe 320 PULSE</b> <i>smart</i> GAS AL <b>aXe 320 PULSE</b> <i>smart</i> H2O AL	✓	✓	✓	✓	20 - 315	10 - 300	210	190	250	230
	E.098-4P	<b>aXe 250</b> <i>smart</i>					20 - 250	10 - 250	210	190	250	230
	E.097-4P	<b>aXe 320</b> <i>smart</i>	✓	✓	on request	✓	20 - 315	10 - 300	210	190	250	230
	E.086-4	<b>aXe 250 IN MIG MAN-4</b>					20 - 250	x	210	x	250	x
	E.087-4	<b>aXe 320 IN MIG MAN-4</b>	✗	✗	✗	✗	20 - 315	x	210	x	250	x
	E.109	<b>aXe 250 PULSE</b> <i>mobil</i> GAS AL					20 - 250	10 - 250	210	190	250	230
	E.111	<b>aXe 320 PULSE</b> <i>mobil</i> GAS AL	✓	✓	✓	✓	20 - 315	10 - 300	210	190	250	230
	E.108P	<b>aXe 250</b> <i>mobil</i> SYN					20 - 250	10 - 250	210	190	250	230
	E.110P	<b>aXe 320</b> <i>mobil</i> SYN	✓	✓	on request	✓	20 - 315	10 - 300	210	190	250	230
	5.0260-4-1	<b>aXe 250</b> <i>mobil</i> MAN					20 - 250	x	210	x	250	x
	5.0261-4-1	<b>aXe 320</b> <i>mobil</i> MAN	✗	✗	✗	✗	40 - 315	x	210	x	250	x

## ALFA IN a.s.

č.p. 74, 675 21 Nová Ves u Třebíče  
Czech Republic

[www.alfain.eu](http://www.alfain.eu), [obchod@alfain.eu](mailto:obchod@alfain.eu)

tel.: +420 568 840 009

fax.: +420 568 840 966

GPS: 49°15'10.305"N, 15°47'20.698"E

