


- **Main applications:** Maintenance and repair- The building industry – Production in medium-heavy metal frames – Automated production
- Plasma cutting of all metals
- Sturdy and powerful
- Centralized torch connection
- Swift starts on painted materials too
- Pre/post air
- Pilot arc with electronic HF
- Double safety devices (mechanical and electrical) against the risk of accidental striking of the arc
- Air test
- Air missing pilot lamp









ICEB'S PLASMA GENERATORS... even more reliables... ...with "IGBT inside" technology...!

 All ICEB generators, CE marked, are conform to standards for electrical and for electromagnetic compatibility (EN 60974-1, IEC 947-1, EN 50192, EN 50199)

The **PL xx IG range**, natural evolution of CH (chopper technology), avails of a new electronic component of power: the **IGBT**. This part increases the already relevant advantages of the POWERMOS and gives a greater safety towards the parameters, necessary to work with high voltages and currents, improving the reliability in time due to a high tolerance of short circuit and/or overvoltage.

The **IG range** is furthermore equipped with a special electronic circuit for the striking and unstriking of the arc when the generator turns from the condition of lightning of the torch to the one of transferred arc, with times of answering of about a few milliseconds that, thanks to the very reduced time of current inner transfer, minimize the emission of electric troubles (respecting the full compatibility with the CE rule) and grant a less consumption of the cutting tips of the plasma torch.

Another peculiarity of the IG range, is the own of a special circuit which controls the progressive variation of the current intensity at the beginning and at the end of the cutting session (current ramp), to get higher possibilities of penetration (start of the cut in a central area).

-  Pilot lamp for main switch
-  Pilot lamp for overheating
-  On request, machines can be built with other standard main voltages used in different foreign countries.
-  Thermic sensor
-  Forced air cooling
-  ICEB CONVERTER technology
-  Cutting of all metals with compressed air
-  Possible choice between trolley (generator holder) or "kit wheels" mounted upon it



PL 90 IG with trolley

Torch EL 120 mt 6 central. Connection for PL90
Cod. ord. **TOR0PLAA0008**
Torch EL 120 mt 6 central. Connection for PL120 - Cod. ord. **TOR0PLAA0002**
Torch MT 150 mt 6 central. Connection for PL150 - Cod. ord. **TOR2TECMA301**














All the generators of IG range, can pre-set, on the viewer of the digital ammeter, the preferred current of cut, that will automatically turn to the one really read during the cutting session.



PL 90 IG with „kit wheels“

Compass for realization of circular cuts for torch EL 120 Cod. ord. **ACC2COMP0000**

TECHNICAL DATA		PL 90 IG	PL 120 IG	PL 150 IG
 Main voltage	Ph x V	3x400	3x400	3x400
 Maximum absorbed current	A	21	30	40
 Primary fuse	A	25	35	40
 Max cutting thickness upon iron	mm	25 (35)	40 (45)	50 (55)
 Duty cycle (working cycle of 10 minutes)	A 100%	70	80	120
	A 60%	80	100	140
	A 35%	90	120	150

TECHNICAL DATA		PL 90 IG	PL 120 IG	PL 150 IG
 Working pressure	bar	5	5	5
 No-load voltage	V	240	240	240
 Current range from...to...	A	30-90	30-120	30-150
 Protection class	IP	23	23	23
 Size (length - width - height)	m	525x305x550	650x370x720	650x370x720
	m			
 Weight	Kg	60	78	85

Ci riserviamo di apportare le modifiche opportune senza l'obbligo di tempestivo preavviso - We reserve the right to make changes without prior notice



www.icebsaldatrici.com

E-mail: iceb@icebsaldatrici.com

ICEB SALDATRICI SRL - VIA ROSSINI 20-22 - 40050 VILLANOVA (BO) - ITALY

Tel +39 051 781727 - Fax +39 051 781537

Authorized Dealer