

Plasma  
Cutting Torches  
ABIPLAS CUT



Welding & cutting brought to the point.



# Plasma Cutting Torches ABIPLAS CUT

## Technology and Design in symbiosis

Plasma cutting torches ABIPLAS CUT from ABICOR BINZEL represent a new generation of equipment; combining the acknowledged design principles of BINZEL products with the latest technical know-how

ABIPLAS CUT torches, available in different capacities, are of course reliable, offer excellent cutting capability with long life wear parts.

The comfortable handle with an extended trigger optimises the distance to the plasma arc and offers, in combination with the light and flexible assembly, both ergonomic and safe working.

Effective air-cooling and an efficient combination of materials guarantees optimal heat dissipation and current transfer in a compact construction, thus improving accessibility.



# Future now!

## Convincing dimensions ...



Plasma  
cutting torch  
**ABIPLAS  
CUT 70**

Rating: **70 A at 60 % duty cycle**  
50 A at 100 % duty cycle

Gas supply: Compressed air for both Plasma  
and cooling gas  
Air pressure 4,8 - 7 bar  
Working pressure 5,5 bar  
Required air volume  
155 L/min at 5,5 bar  
Air post flow: ca 60 sec

Ignition voltage: 7 kV

Cutting thickness: Max 25 mm at 70 A  
Max 15 mm at 50 A  
Depending on material to be cut and  
power source



Plasma  
cutting torch  
**ABIPLAS  
CUT 110**

Rating: **110 A at 60 % duty cycle**  
90 A at 100 % duty cycle

Gas supply: Compressed air for both Plasma  
and cooling gas  
Air pressure 4,8 - 7 bar  
Working pressure 5,5 bar  
Required air volume  
180 L/min at 5,5 bar  
Air post flow: ca 60 sec

Ignition voltage: 7 kV

Cutting thickness: Max 40 mm at 110 A  
Max 35 mm at 90 A  
Depending on material to be cut and  
power source



Plasma  
cutting torch  
**ABIPLAS  
CUT 150**

Rating: **150 A at 60 % duty cycle**  
120 A at 100 % duty cycle

Gas supply: Compressed air for both Plasma  
and cooling gas  
Air pressure 4,8 - 7 bar  
Working pressure 5,5 bar  
Required air volume  
235 L/min at 5,5 bar  
Air post flow: ca 60 sec

Ignition voltage: 7 kV

Cutting thickness: Max 55 mm at 150 A  
Max 45 mm at 120 A  
Depending on material to be cut and  
power source

Liquid cooled torches soon to be released!

# MT

## Machine torches

### detailed design ...



**Plasma cutting torch**  
**ABIPLAS CUT**  
**MT 110**

Rating: **110 A at 60 % duty cycle**  
90 A at 100 % duty cycle

Gas supply: Compressed air for both Plasma and cooling gas  
Air pressure 4,8 - 7 bar  
Working pressure 5,5 bar  
Required air volume  
180 L/min at 5,5 bar  
Air post flow: ca 60 sec

Ignition voltage: 7 kV

Cutting thickness: Max 40 mm at 110 A  
Max 35 mm at 90 A  
Depending on material to be cut and power source



**Plasma cutting torch**  
**ABIPLAS CUT**  
**MT 150**

Rating: **150 A at 60 % duty cycle**  
120 A at 100 % duty cycle

Gas supply: Compressed air for both Plasma and cooling gas  
Air pressure 4,8 - 7 bar  
Working pressure 5,5 bar  
Required air volume  
235 L/min at 5,5 bar  
Air post flow: ca 60 sec

Ignition voltage: 7 kV

Cutting thickness: Max 55 mm at 150 A  
Max 45 mm at 120 A  
Depending on material to be cut and power source

Liquid cooled torches soon to be released!

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