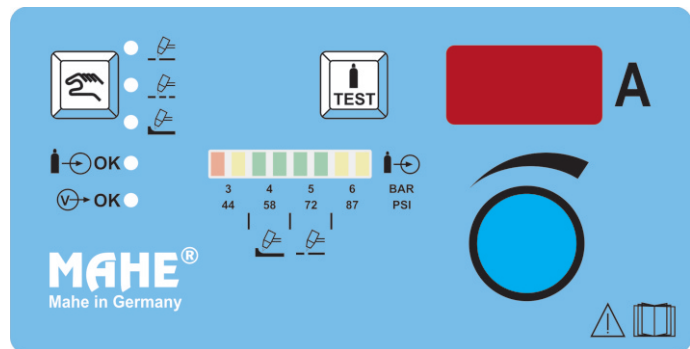


THETA CWK



Processes

- Plasma cutting
- Plasma gouging

Standard equipment

- S-mark, CE-mark
- Thermal protection
- Generator-compatible
- Water cooled
- CNC Interface

Recommended areas of use

- Steel constructions
- Service and repairs
- Machine construction

Recommended base metals

- Structural steels
- CrNi- steels
- Duplex-steels

Options

- Hand cutting torch
- Automated cutting torch

Plasma cutting inverter

Newest Inverter technology for best results

- *Resonance inverter technology*
- *Machine state indicator*
- *Robust case*
- *CNC interface*

Technical data

EN 60974

PLASMA	Supply voltage	120 3x400V, 50/60Hz
	Fusing (slow fuse)	32A
	Main cable	4x4qmm
	Main cable Length	5m
	Welding current range (A)	20-120A
	Welding voltage range (V)	88 - 250V
	Number of steps	
	Max. input power (kVA)	33kVA
	No load voltage U ₀ (V)	290V
	Peak input current	68A
	Effective input current	27A
	Dutycycle at max. current @40°C	60% / 120A / 128V
	Current/voltage at 60%DC @40°C	120A / 128V
	Current/voltage at 100%DC @40°C	93A / 117V
	Recommended thickness	< 38 mm
	Severance thickness	< 50 mm
	Pierce thickness	19 mm
	Recommended generator power	68,3kVA
Dimensions (HxWxL)	920(1145-CWK)x350x740mm	
Weight	72kg (86kg-CWK)	
Protection class	IP23	
Marks of conformity	CE	
Safety class	S	