



WELD THE WORLD

# Pioneer Pulse 403MKS



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MIG/MAG SYN PULSED/DOUBLE PULSED / TIG DC LIFT / MMA / GOUGING

**Pioneer Pulse 403MKS** is a compact professional synergic 3 Phase Inverter Power Source for MIG-MAG Pulsed and Double Pulsed, short and spray arc for welding of different materials such as standard steels, inox and aluminum. **Pioneer Pulse 403MKS** permit also the following processes MMA, TIG DC with Lift-Arc and GOUGING, it is a proper multifunction system. The MIG MAG welding is here optimized thanks to: Power Focus and Power Root.

Trolley R



Basic



# Pioneer Pulse 403MKS

## Special Functions



### Power Focus

The special Power Focus function has been designed to reduce total welding costs, reducing the total number of joints to be welded.



### Power Root

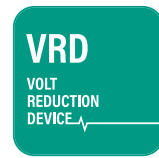
The special Power Root function is a short arc transfer, controlled with a cold drop which ensures a very high quality during the root passes.

## Technology



### HAC Hybrid Arc Control

WECO unique HAC (Hybrid Arc Control) supplies a soft and very stable MIGMAG welding arc with excellent weld bead quality and minimal spattering in any working conditions.



### Volt Reduction Device

Function VRD (Volt Reduction Device) reduces automatically the voltage of the welding machine during the Standby mode in order to allow the processing in those building site where low voltages are demanded for safety reasons (Dockyards, petrol platforms and so on).

## Technical data

PIONEER PULSE 403MKS									
	3x400Vac ± 15% @ 50-60Hz								
	25A								
	MIG - MAG			TIG			MMA		
$\%_{0.40^{\circ}\text{C}}$	40%	60%	100%	40%	60%	100%	40%	60%	100%
$\cdot I_2$	400A	350A	320A	400A	350A	320A	400A	350A	320A
$I_2$	10A - 400A			10A - 400A			10A - 400A		
$U_0/U_f$	66V / 10V								
$P_{I\text{MAX}}$	18,9kVA - 16,2kW								
IP	23								
	460 x 990 x 940mm (basic)								
	KIT 403MKS H <sub>2</sub> O BASIC - 90,4Kg								

C.U.23	
	1x400Vac ± 15% @ 50-60Hz
	1.6@ 500V
P 1 l/min	950W (1 l/min)
$P_{\text{max}}$	0,32MPA (50HZ) - 0,43PA (60HZ)
	4.5l
IP	23S
	720 x 290 x 235mm
	30,0 Kg



WELD THE WORLD

**A well-established industrial concern whose reliability of products is ensured by its considerable investments in research, design and testing.**

WECO has been producing and selling welding equipment since 1997. Its registered office and operational site, located in the northeast of Italy, includes offices, a production area, a design and storage area, which cover the requirements of a wide national and international sales network. The wide range of welding machines and the availability of a large warehouse allows us to meet the varying needs of our customers within a short period of time. Our dynamic management, our proven experience in sales issues, as well as our knowledge of application problems ensure our company a leading edge within our industry. WECO provides solutions that improve productivity, optimise intervention times, minimise operating costs, ensuring excellent performance at all times, in any operating conditions.

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