

# ARCMAN<sup>TM</sup> PORTABLE

## Features

- A fully automated portable **CJP** capable FCAW oscillator with dedicated welding power source and welding wire.
- Compact, lightweight (approx. 19lb), portable and no installation needed.
- All you have to do is two teach points and press the start button.
- Automatically detects groove type and thickness, then generates optimal welding conditions.
- It's possible for one person to operate multiple **ARCMAN<sup>TM</sup>** PORTABLE units.
- **MX-50R** specially designed for automated applications using hybrid slag producing formula gives its excellent weldability and efficiency in flat and horizontal welding with **ARCMAN<sup>TM</sup>** PORTABLE.



Overview



SENSARC™ AP500

Rated input power	25KVA, 23KW
Output current, voltage	500A, 39V
Rated duty cycle	500A-100%

Applicable welding position

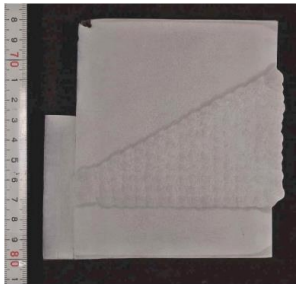
	Type of groove
Flat position	Single bevel groove T joint
	Single bevel groove butt joint
	V groove butt joint
Horizontal position	Single bevel groove T joint
	Single bevel groove butt joint

High quality welding

Flat butt weld



Horizontal butt weld



Hybrid flux cored wire for carbon steel suitable for **ARCMAN™**

**FAMILIARC™ MX-50R** AWS A5.20 E70T-1C



【Compared to conventional Flux Cored Wire (A5.20 E70T-1C, E71T-1C)】

- Higher deposition rate
- Less slag generation

Approvals	Available Products			
AWS D1.8	Wire Dia.	0.052"	Package	33lbs spool

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