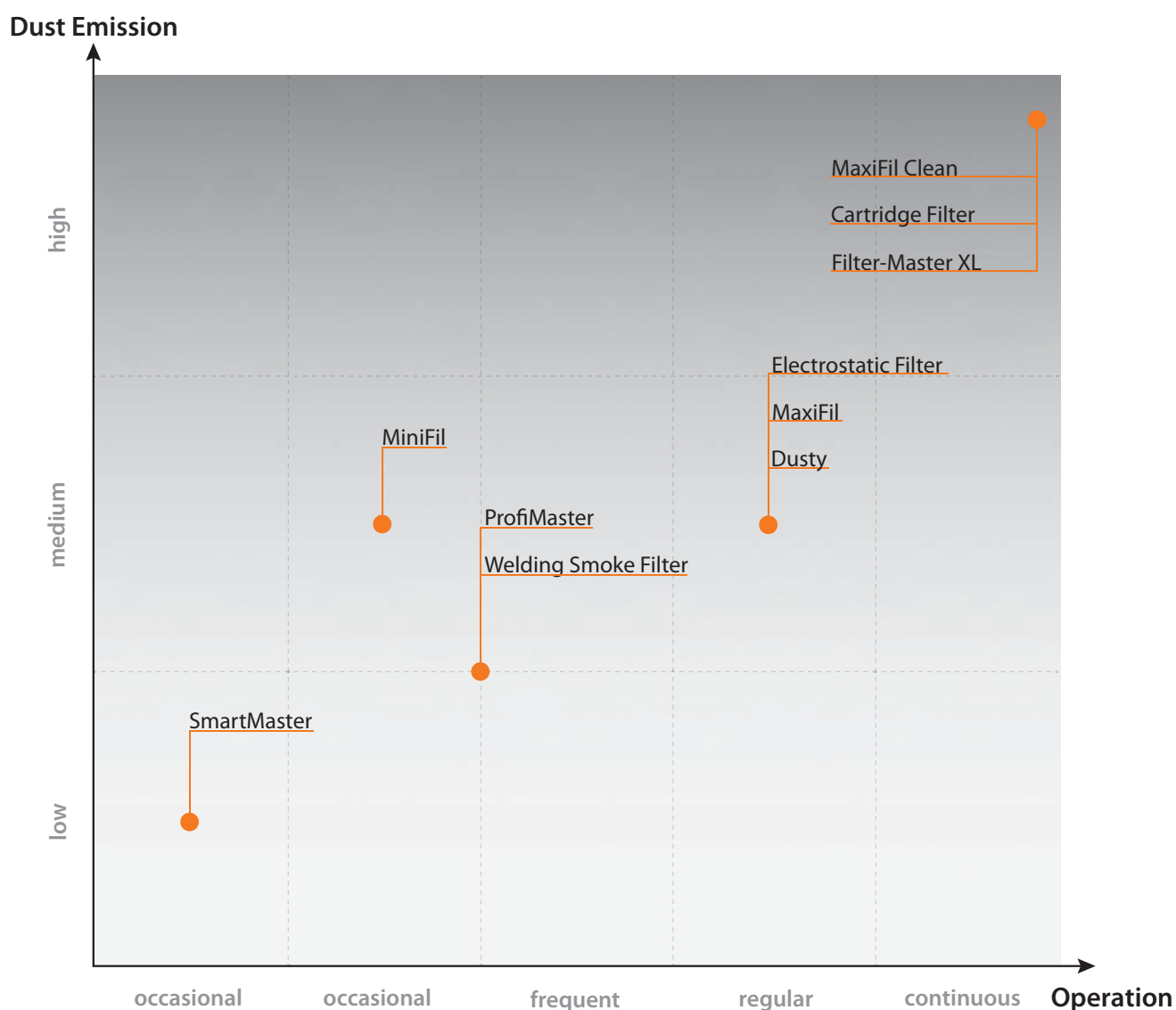


Range of application for mobile filter units



	SmartMaster	Profimaster	MaxiFil	Welding Smoke Filter	MiniFil	Filter-Master XL	Cartridge Filter	Electrostatic Filter	MaxiFil Clean	Dusty
High-alloy steel non-ferrous metal (IFA)	✓	✓	✓*	-	✓*	✓	-	-	✓*	-
TIG welding Chromium nickel steel	✓	✓	✓*	-	✓*	-	-	-	-	-

*IFA – W3 certification available shortly

Selection criteria for mobile filter units

According to application

Emission rate	Material	Use			
Application example		Occasional	Occasional to frequent	Regular	Continuous
Class I & II < 1 - 2 mg/s Submerged arc welding TIG welding Laser welding	Non-alloy Low-alloy	SmartMaster MiniFil	SmartMaster ProfiMaster Welding Smoke Filter MiniFil Dusty	ProfiMaster Welding Smoke Filter MaxiFil MiniFil Dusty	MaxiFil MiniFil Dusty Electrostatic Filter
	Aluminum	SmartMaster MiniFil	SmartMaster ProfiMaster Welding Smoke Filter MiniFil Dusty	ProfiMaster Welding Smoke Filter MaxiFil Dusty	MaxiFil MiniFil Dusty Electrostatic Filter
	High-alloy Alloy Steel	SmartMaster MiniFil *	SmartMaster ProfiMaster Welding Smoke Filter MiniFil *	ProfiMaster Welding Smoke Filter MaxiFil * MiniFil *	MaxiFil * MiniFil *
Class III 2-25mg/s Electric arc welding MIG/MAG welding	Non-alloy Low-alloy Aluminum	SmartMaster MiniFil *	ProfiMaster Welding Smoke Filter MiniFil * Dusty	MaxiFil * Filter-Master XL Dusty Electrostatic Filter	MaxiFil Clean * Cartridge Filter Filter-Master XL
	High-alloy Non-ferrous metal	SmartMaster MiniFil *	ProfiMaster Welding Smoke Filter MiniFil *	MaxiFil * Filter-Master XL	MaxiFil Clean * Filter-Master XL
Class IV > 25mg/s Flux-cored wire welding	Non-alloy Low-alloy Aluminum	ProfiMaster Welding Smoke Filter MiniFil Dusty	MaxiFil Filter-Master XL Electrostatic Filter	MaxiFil Clean Cartridge Filter Filter-Master XL	MaxiFil Clean * Cartridge Filter Filter-Master XL
	High-alloy Non-ferrous metal	ProfiMaster Welding Smoke Filter MiniFil *	MaxiFil * Filter-Master XL	MaxiFil * Filter-Master XL	MaxiFil Clean * MaxiFil * Filter-Master XL

Recommendations based on European norms and expected change or cleaning intervals of the filters.

* Units can be operated with outgoing air