



## SMF Radio Remote Controlled Heavy Manipulator Vehicle

The SMF heavy manipulator vehicle can be operated in contaminated areas inside and outside of buildings, for inspection and measurement work, for clearance and recovery work, and for decontamination and assembly.

The SMF is controlled by radio up to a distance of approx. 1 kilometre, but this distance can be increased considerably if relay technology is used. Remote control is performed from the control room of the command vehicle. A transportable function test unit is available with which diagnostic and error-seeking programmes can be performed, as well as for loading and unloading the SMF from the transport vehicle.

A turbocharged 90 kW diesel engine with intercooler drives the SMF, and hydraulics supply the electromechanical drive system with energy.

The chassis is fitted with two caterpillar tracks and an articulated arm with 6 axes and a total of 9 radiation resistant cameras and lighting devices.

### Main Technical Specifications

Mobile Base	Crossing abilities	Stairs: 45 ° Step: 400 mm height Ditch: 400 mm breadth
	Speed	25 m/min maximum
	Spin diameter	1200 mm
	Dimensions	850 mm width 1900 mm height Variable length
Weight	Mobile base alone	880 kg
	MAESTRO config MA23 & left arm config	1120 kg 1120 kg
MAESTRO manipulator	Lifting capacity	100 daN
MA23M manipulator	Lifting capacity	25 daN
Left arm	Lifting capacity	27 daN

