



## MAZAKA SOLAR CLEANER

The Mazaka Solar Panel Cleaners are designed to clean photovoltaic solar panels and to help maintain and optimize the performance of the panels. The Mazaka 35 model features a 3500mm wide brush that is capable of cleaning at a rate of 3700 m<sup>2</sup>/h. The Mazaka 40 model features a 4300mm wide brush that is capable of cleaning at a rate of 4200 m<sup>2</sup>/h

Each model is equipped with a hydraulic system, hydraulic gear pump, proportional valve hydromotor, grease cooling radiator, suction and return filters and diesel mitsubishi water cooled engine.

The Mazaka Solar Cleaners also feature laser sensors located on the washing brush – this allows the working distance of the brush to automatically adjust so that the distance between the brush and the surface of the solar panel is kept constant.





# SPECIFICATIONS

	MAZAKA MP35	MAZAKA MP40
<b>WEIGHT</b>		
Unladen Mass	3750 kg	4450 kg
Gross Weight	5600 kg	6500 kg
<b>DIMENSIONS</b>		
Machinery Dimensions	3250 x 1800 x 3250 mm	3750 x 2000 x 3500 mm
Boom Rotation	180°	180°
Brush Dimension	3500 mm	4300 mm
<b>ENGINE</b>		
Model (Mitsubishi)	S4Q2	S4Q2
Power	34.6 kW	34.6 kW
Cooling	Water	Water
Battery	12V / 80A	12V / 80A
<b>TRANSMISSION</b>		
Rubber Track	Hydraulic	Hydraulic
Speed	1.2 – 3 km/h	1.2 – 3 km/h
Parking Brake	Hydraulic	Hydraulic
<b>HYDRAULIC SYSTEM</b>		
Control Valve	Joystick	Joystick
Safety Valve in Hyd. Cylinder	Yes	Yes
<b>TANK CAPACITY</b>		
Fuel Tank	60 L	80 L
Engine Oil	8 L	8 L
Hydraulic Tank	100 L	120 L
Brush Water Tank	1650 L	2000 L
<b>BRUSH SYSTEM</b>		
Brush Make	U. Emme	U. Emme
Brush Control Panel	U. Emme	U. Emme
Optimal Working Speed	1200 m/h	1200 m/h
Brush Turns/Rotation	125 rpm	125 rpm
KW Cleaned Per Hour	540 kW/h	615 kW/h
Cleaning Rate	3700 m2/h	4200 m2/h
Optional Brush	2000mm - 3500mm - 4300mm	
Application	Optional Cab and Air Conditioning	