



**Metalmeccanica s.r.l.**



# SOLAR CLEANER F1750 T



B.P. Metalmeccanica, focused on the needs of the PV industry's users, has expanded its range of machines for the panels cleaning on ground system, through the design and production of the new machine **SOLAR CLEANER F1750 T**.

The machine is very adaptable and it satisfies the industry's various needs; it was created to be applied to agricultural tractors that are usually used for the ground maintenance also (like grass-cutting), making the investment a little heavy.



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The machine operates according to the system of automatic car wash, using PTO of the tractor and it is formed by double articulated arm, the end of which is positioned the brush body full of water collectors and proximity sensors.

The equipment is mounted on a base that can be applied on agricultural tractors and which also contains the water tank, the hydraulic oil tank and the electrical panel provided with PLC that manages the operation of the machine.

### SPECIFICATIONS

Weight in order shipping	Kg	915	
Operating weight	Kg	1915	

### WASHING PLANT

Brush	N°	1	
Diameter	mm	800	
Length	mm	1840	
Brush turns	g/min	110	
Capacity pump	lt/min	30	

### ARM

Radius from the center of the machine	mm	5700	
Rotation boom	°	180°	

### PERFORMANCE

		Min.	Max
Speed per hour of work	m/h	900	1200
Wash panels per Kw/h	Kw/h	200	260
Paneles washed per hour	N°	900	1200
Surfaice washed per hour	m <sup>2</sup>	1440	1920
Water consumption	lt/h	450	600

The working phase is automatically handled by PLC installed on the machine that works directly with the commands of the same by the sensors attached to the body brush. It guarantees the constant distance of the brush from the panels to avoid accidental collisions that may cause damages.

