

B.P. METALMECCANICA S.R.L.

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TECHNICAL DESCRIPTION

MACHINE MODEL: SOLAR CLEANER C4000 C-AP

- **Cleaning machine panels, mod. SOLAR CLEANER C4000 C-AP, dimensions 4000x2000x3000, mounted on undercarriage at double speed, with engine PERKINS 404D-22T complete with:**

Driving cab air conditioning system with hot / cold, dimensions 1350x900x1500, full control console, the seat for operator-controlled machine feed installed on the seat armrest

- **articulated arm with two trunks with turret rotation on bearing turntable, rotation angle 180 °, the coupling device brush body**
- **brush holder body in light alloy interchangeable with brush CARLITE diameter 800 mm, length maximum, 5840 mm, proximity sensors for the automatic management in the working phase of the distance of the brush from the surface of the panels**
- **Dozer blade on the front of the machine that allows the elimination of anomalies of the soil and allows the machine to not operate on bumpy ground, ensuring at the same smooth movement with great benefit to the operation of the brush**
- **Hydraulic system with proportional electro-hydraulic distributor for various functions of the machine**
- **Electrical system with electronic control unit that automatically manages the working phase of the machine, avoiding the possibility of error by the operator with consequent damage of the panels**

WATER SYSTEM CONSISTS OF:

- **Plant water demineralization (SOFTENER)**
 - **N ° 2 collectors with sprayers oriented directly on the brush and on the surface of the panel,**
 - **Hydraulically driven water pump full tubing,**
 - **Tank capacity 2580 lt**
 - **Water pump for cleaning with high pressure water jets multi**
 - **Boiler water pre-heating with temperature control thermostat**
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- **The machine has capacity to work on both sides, the brush double rotation, the collector, through solenoid valves, allows conveying the water in one or other side of the brush according to the direction of rotation and gear**

