## Photovoltaic

### Special machines
# P.P.M. Pole Positioning Machine
*Tracked Unit*

The **P.P.M.** is a pile-laying machine designed to facilitate field preparation operations, safeguarding the safety of operators and increasing productivity on large-scale photovoltaic fields.

Thanks to its permanent electro-magnets connected to the pole lifting and laying system, and to its refined predictive software, the profile laying phase can be performed in full effectiveness.

The operator interface, integrated with the Orteco GPS Machine Control System, ensures centimeter accuracy, providing real-time workflow information. Its safety features are completed by smart safety sensors, capable of volumizing obstacles, and a a fish-eye camera.

Download the data sheet and watch our videos

*https://rb.gy/aquaxg*

# ORTECO®



**ORTECO
GPS M.C.S.**
(accessory)



**NEW POWER PACKS**
New Stage 5 / Tier 4 final compliant engines,
watercooled and equipped with a diesel
particulate filter



**REAL-TIME WORK
FLOW REPORTS**

## Technical features

| Model | P.P.M. |
|---|---|
| Permanent electromagnet | Standard |
| Electromagnet Remote control | Standard |
| Optical positioning sensors | Standard |
| Lifting arm with smart probes | Standard |
| Metal tracks | Standard |
| Electric generator | Standard |
| Radio control | Standard |
| Orteco GPS Machine Control System | Standard |
| Orteco pole positioning console (interface tablet) | Standard |
| Remote Monitoring System -Geofence- | Standard |
| Remote assistance modem | Standard |
| Fish-eye Camera | Standard |
| Displacement buzzer | Standard |
| Electrical System | 12 Volt |
| Double speed system | Standard |
| YANMAR diesel engine | 4TNV86CT |
| Power (@ 3000 Rpm) | 44 Kw (59,8 Hp) |
| Max operating pressure | 20 Mpa |
| Oil flow | 130 Dm$^3$/min |
| Hydraulic tank capacity | 165 Dm$^3$ |
| Diesel tank capacity | 110 Dm$^3$ |
| DFP Filter | Standard |
| Emission Legislation (*) | Stage 5 / Tier 4 final |
| Total weight | 4950 Kg |
| Total weight (full loaded) | 10000 Kg |

The manufacturer reserves the right to modify the technical features without prior notice.
Photos may show non-standard accessories.





*(*) also available with Stage 3A compliant engines*

21