

## Horizontal Single-Axis Hydraulic Tracker

**MetaTracker 270**

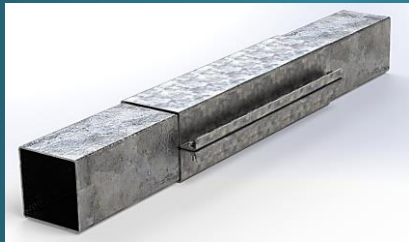


### TECHNICAL FEATURES

<b>Drive Type</b>	Hydraulic.
<b>Power Source</b>	AC powered Customer provided AC circuit 0.1 kWh battery (included).
<b>Tracking Method</b>	Astronomical Algorithm.
<b>Range of motion</b>	-45° to +45°.
<b>Maximum surface</b>	200m <sup>2</sup> .
<b>Ground Coverage</b>	40 to 50%.
<b>Structure</b>	Galvanized elements [EN 1461, EN 10346].
<b>Accessories</b>	Dry joints – a combination of stainless steel and bronze components.
<b>Orientation</b>	Portrait, landscape.
<b>Dimension Limits</b>	Flexible table length arrangements, following string arrangement (panel/string).
<b>PV Modules</b>	Up to 2 in portrait layout / Up to 4 in landscape layout/ Panel dimensions from 1.2 up to 2.5m.
<b>Slope Limits</b>	Unlimited E-W slope, up to 8° S-N, typical design. Unlimited E-W slope, up to 15° S-N for special. Slopes are smooth, structures w/ steady slopes.
<b>Foundation</b>	Pile ramming/Piles in holes filled with concrete / Concrete ballasts.
<b>Wind load limits</b>	Vb=33m/s, Terrain Category II.
<b>Snow load limits</b>	Sko=1.7kN/m <sup>2</sup> , Snow Zone B.
<b>Operation Conditions</b>	Up to 50 km/h at any tracking angle and wind orientation.
<b>Wind Protection</b>	Automatically return to the stow position through anemometer.
<b>Temperature Range</b>	-20°C to +60°C.

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*Shaft and shaft connector*



*Torque Pile*

