

# Double post 3V Monofacial System



Absence of soil sealing

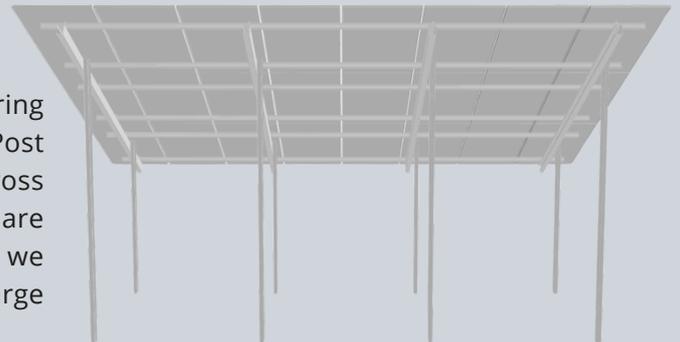
Remarkably quick installation

Ultra steady double post steel system

Superior efficiency in any scale projects

## GLOBAL UTILIZATION

Stable positioning, optimal performance, and enduring longevity for open-area installations. The Double-Post System has established a solid track record across numerous global projects. Double-post configurations are preferred for expansive multi-row module setups, with it we are presenting the perfect option for accommodating large module arrays on gently sloping, level terrains.

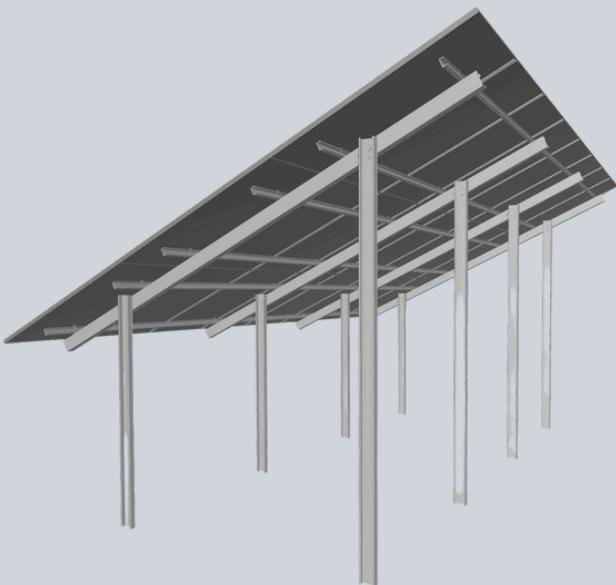


## ECONOMICAL AND DURABLE SOLUTION FOR LARGE SCALE PROJECTS

Ensuring stability is paramount. The utilization of two ram foundations per support, along with load-optimized C purlins, yields a robust and resilient PV substructure capable of supporting module panels with significant spans.

To guarantee that binding forces can effectively transfer to the upper connection point, enhancing the installation's stability against wind and snow pressure, we employ strip-galvanized ram profiles across different size categories for the foundation. Correctly designed posts ensure optimal ground embedding while maximizing bending stiffness.

In most instances, steel rammed foundations are used instead of concrete ones, leading to savings in both materials and labor costs.

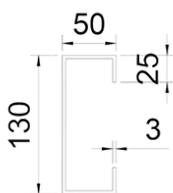


# Double post - 3V Monofacial System

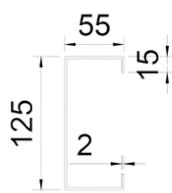
## TECHNICAL DATA

<b>Application</b>	<ul style="list-style-type: none"> <li>Ground-mount system with embedded posts</li> </ul>
<b>Material grades</b>	<ul style="list-style-type: none"> <li>Foundation posts: steel, S355 HDG &gt; 80um according to DIN EN ISO 1461 or ZM600 coated according to DIN EN 10346 (depending on soil conditions)</li> <li>Girders / Rafters / Purlins: steel, Z600 hot-dip galvanized coated according to DIN EN ISO 12944-2 or ZM310 coated according to DIN EN 10346</li> <li>Module clamps: aluminum clamps or nuts &amp; bolts according to project design and client specification</li> <li>Fasteners and screws: steel, zinc flake coated or stainless steel</li> </ul>
<b>Structural analysis</b>	<ul style="list-style-type: none"> <li>Individual system structural design and analysis based on regional data and customer guidelines</li> <li>When it's needed, structural analysis of the terrain based on an external soil expertise</li> <li>Load assumptions according to EU Codes</li> <li>Verification of all structural components on the basis of SAP2000 calculations or verification according to structural test setup</li> </ul>
<b>Module configuration</b>	<ul style="list-style-type: none"> <li>Framed modules with a frame height between 30 – 50 mm</li> <li>2 or 3 module rows in portrait configuration</li> <li>Option for large format modules and bifacial modules</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>10 years according to our warranty terms</li> </ul>
<b>Supplementary documents</b>	<ul style="list-style-type: none"> <li>Assembly instructions files and videos</li> </ul>

**Front/Rear Post**



**Rafter/Girder**



**Purlin**

