



## **Aerodynamic south oriented mounting system for flat roofs**

**Logistics couldn't be simpler. Mounting couldn't be faster.**

**swisscleantech** | Association for resource efficient and low-emission economy  
**Swissolar** | Swiss Solar Industry Association  
**AEE** | Renewable Energy Agency  
**ÖBU** | Swiss Association for Environmentally Responsible Corporate Management  
**STV** | Swiss Technical Association



# MACH<sub>1</sub> SOUTH



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## A MOUNTING SYSTEM THAT MAKES LIFE EASY!

Save time and money with the short rails, the positive fit locking and snap in parts, and the clever low-cost logistics technology.

Optimised mounting system with south orientation for flat roofs. Ideal for roofs with low ballast possibilities; with or without attica/parapet. Fast pre-assembly on site and quick distribution of the pre-assembled parts on the roof lead to high installation quality and speed.

## FEATURES

for use on	flat roofs / green roofs
elevation angle	10° or 15°
module size	all common module sizes
module thickness	31 - 50 mm
row separation	continuous, 3 ft 11" - 6 ft 5" (1.2-1.96 m)

wind load calculation	according to ASCE -7-05 / DIN EN 1991-1-4
module grounding	optional, according to UL 2703 / DIN VDE 0100
fastening	no roof penetration
material	top-quality aluminium
long-lasting sealing	EPDM, UV-resistant, temperature-stable

## ADVANTAGES AT A GLANCE



**installation**  
can be installed by 1 person



**low (or no) ballast**  
thanks to excellent aerodynamics



**module fastening**  
clamping as per manufacturer's instructions



**just snap in**  
module installation with "CLICK" clamp



**back ventilation**  
full-surface back ventilation



**short parts**  
parts no longer than 4 ft. (1.2 m)



**time-saving**  
few parts, few steps, easy handling



**evens bumpy roofs**  
compensates for uneven roof conditions



**everything on pallets**  
simplest logistics with pallet shipment



**theft security**  
integrated theft prevention

## montavent - the world's most efficient PV mounting system

Since 1999 the swiss company montavent ag is globally revolutionising the solar industry with mounting systems for the most efficient construction of solar power stations. montavent optimizes almost each single step and each detail of the supply chain. Few, palletizable components are packaged in a space-saving way and guarantee lowest logistics costs. montavent sets standards for industrial solar installation and ensures economic advantages.

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