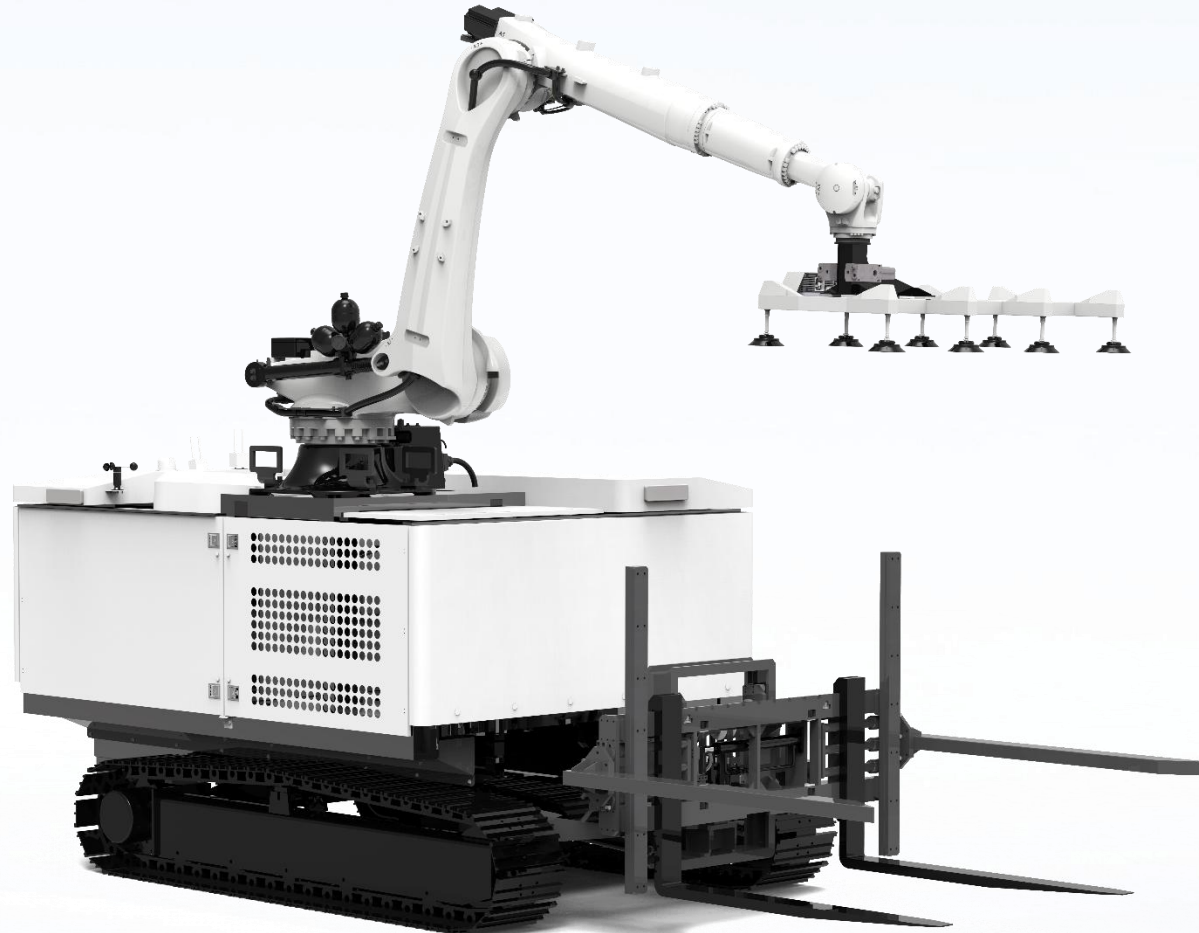




Saturn - MF400 PV Module Fitting Robot

Installation efficiency increased by **4** times



Efficient

Avg. installation efficiency: 600-1000 modules/day, 3-4× faster than manual, easy operation



Reliable

Low failure rate, significantly reducing module damage and ensuring installation quality



Intelligence

Combining 3D vision and deep learning for autonomous grasping, placement, and intelligent decision-making



Safety

Multi-sensor fusion for active obstacle avoidance, ensuring safety. High-intensity LED lighting with wide coverage for safer night operations



Strong Adaptability

Adaptable to complex terrains, installation angles, and various module types, withstanding harsh environments and stable operation at 4,000m altitude