

Vertical Farm

Multi-Layered MGS (Mobile Gutter System)



- A cultivation system that automatically adjusts gutter spacing by crop growth stage
- Automated gutter in-out system eliminates elevated work and reduces operational risk
- Maximizes cultivation area by minimizing aisle space
- Scalable system adaptable to diverse spatial conditions



Gutter Stage 1



Gutter Stage 5

Vertical Smart Farm

Method	NFT (Nutrient Film Technique) Recirculating Hydroponics
Crops	Leafy Greens
Productivity	95kg/m ² (5.3 Times Higher Than Conventional Systems)
Light Source	LED (PPFD 240)
IoT-Control	Automated Management of Environment and Nutrient Supply
Labor	Reduction: Over 50%
Dimensions	14.0m (Length) × 3.0m (Width) × 4.3m (Height)

* Custom Designs Available Upon Request

