

Large-scale production type

Chronos Series

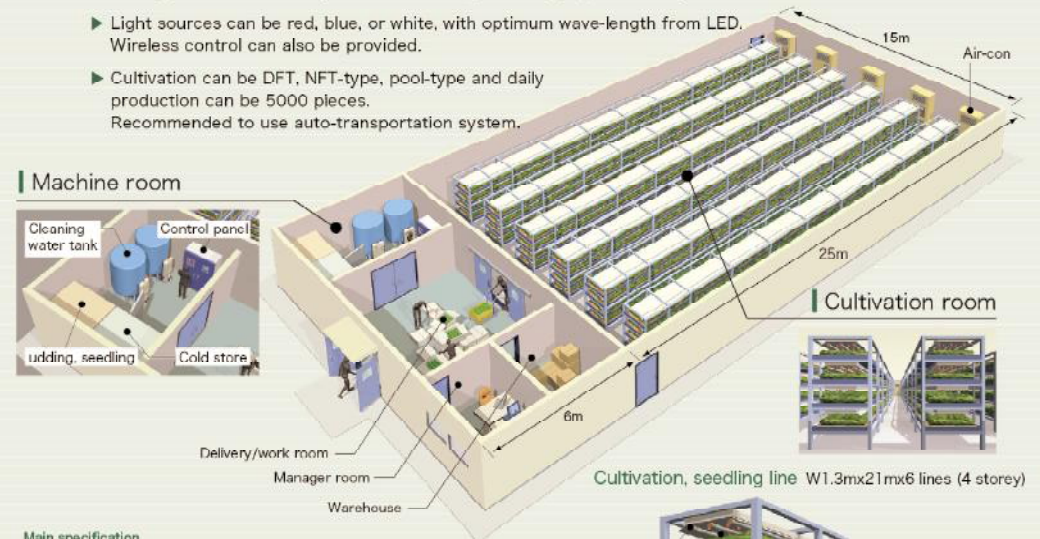
We provide an effective production system for commercialization of plant factory, by introducing the latest technology, cutting-edge productivity and workability. Labor-saving can also be handled in accordance with request.

Using the latest technology to achieve the highest productivity and workability.

Example of products Completely controlled Leaf Lettuce—daily production 1,000 pieces

TPFA Synthetic light plant production system (multi-storey type)

- ▶ Making use of 4-20 storey bench, in-door, synthetic light plant factory.
- ▶ Light sources can be red, blue, or white, with optimum wave-length from LED. Wireless control can also be provided.
- ▶ Cultivation can be DFT, NFT-type, pool-type and daily production can be 5000 pieces. Recommended to use auto-transportation system.



Main specification

	MODEL	TPFA
Basic function	Temperature	+18°C~+25°C*
	Humidity	55-90% R.H. (option)
	Light particles	150-300µmol/m ² .sec
	CO gas density	~2000ppm
Air conditioning	Air-cooled cooler + Packaged air-con	
Synthetic light source	Either FL light or LED	
Control	Instrument	Plant control system (PC instrument)
	Sensor	Temperature, humidity, CO gas, EC, pH, etc
Cultivation device	Wet cultivation device (compliant to each type of cultivation system)	

- FL lamp (32W) x 3rows
- High LED (red) x 2 rows
- Organic culture medium

Suitable business types

- Advanced facility farmers
- F&B chain
- Food processing firms
- Fresh products distributors

Optimal layout, operation and maintenance are proposed in accordance with space available.