

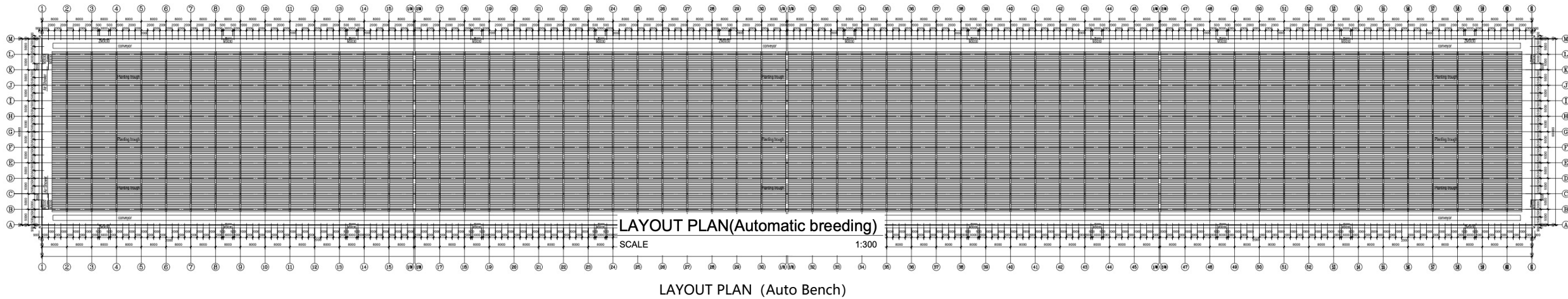
Automated Bench System for Seedling and Lettuce

Main equipment :

- Gardening equipment : 1 Auto seeding line 、 2 Peat Bale Breaker
- Auto Bench system:
 - 3 Horizontal transportation
 - 4 Longitudinal transportation
 - 5 Tray into bench



Automated Bench System for Seedling and Lettuce



Estimate yearly yield:

- Lettuce: 216 tons
- Seedling: 90 million

Note: The data are subject to variable factors such as variety, planting technique, harvest timing, etc.



- Guaranteed high-efficiency seeding of 1000-1200 trays/hour
- Plug-in seeding drum can realize quick replacement
- Set up seed sowing database, quick retrieval
- Automatic adjustment of air blowing pressure through electric control valve
- Seeding drum with anti-blocking function
- Accuracy of round or pelletized seeds $\geq 99\%$

TECHNICAL DATA



Big bale dimensions

0,80 to 1,20 m
x 1,20 to 2,25 m



Output

Depending on
used substrate



Height in loading position

2,48 m

- Gentle processing & loosening of the substrate
- Durable and low-maintenance machine with low maintenance costs
- Processing of big bales up to a height of 2,70m (with optional accessories)
- Mobile bale breaker with optimum handling and maximum work efficiency
- Simple and fast loading with easy handling
- Automatic filling height control via optical level

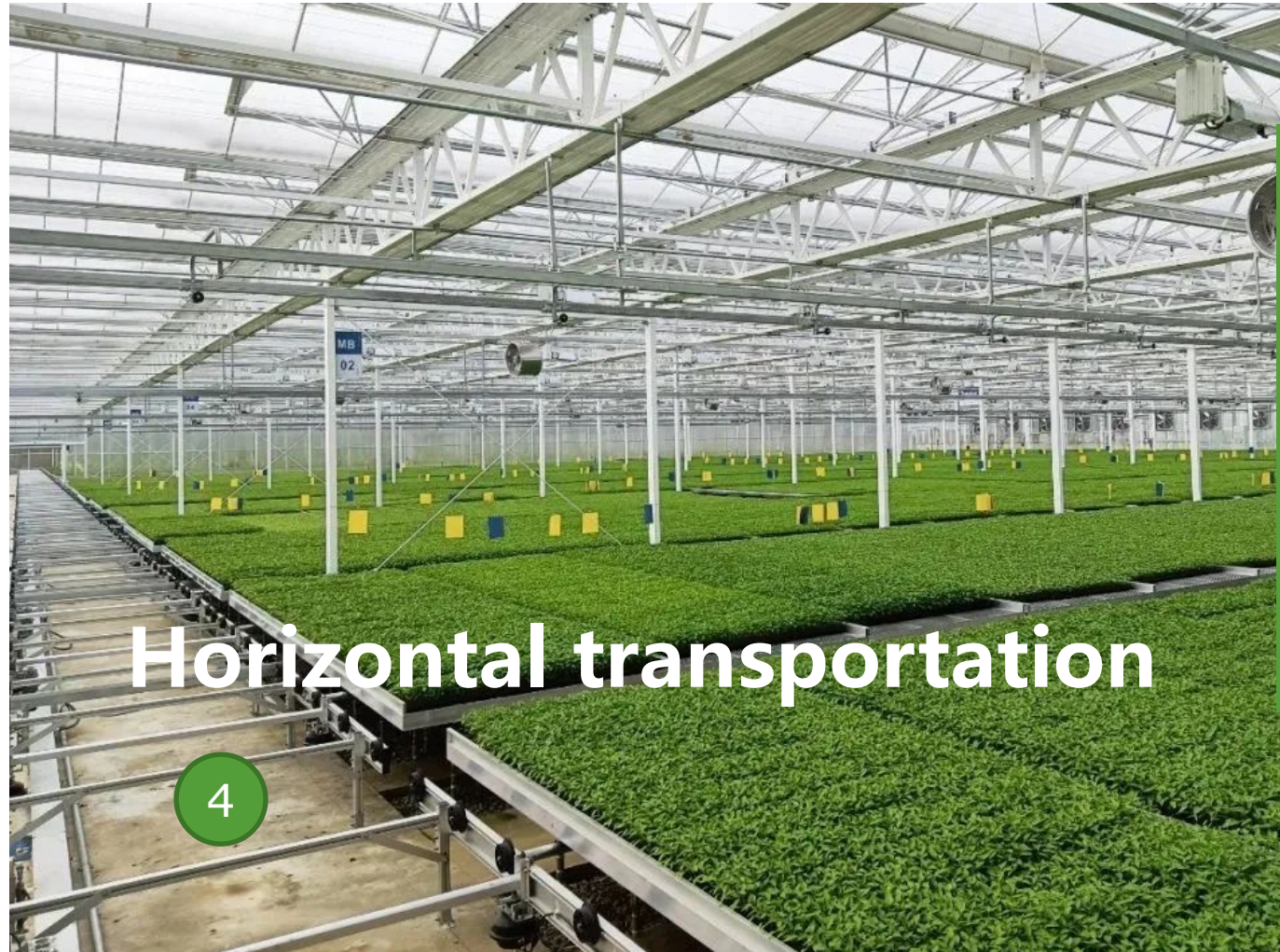


Automated Bench System for Seedling and Lettuce

It is an automatic stacking equipment for plug trays applied in the logistics bench production mode.

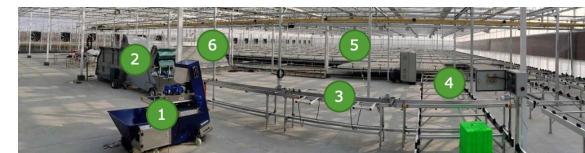
It can be connected with equipment such as seeders, transplanters, classifiers, etc. to realize automatic stacking of trays, and is an important connection point from fixed-point operations to logistics and transportation.





Main composition:

- roller transmission track
- track support mechanism
- Bench limit mechanism
- driving wheel
- conveying motor
- pneumatic lifting device
- pneumatic operation switch
- Drive the diaphragm cylinder
- Hot-drip galvanized steel



Main composition:

- conveying motor
- cylinder
- limit switch
- transmission mechanism
- longitudinal support
- longitudinal track
- longitudinal leveling
- alignment cylinder
- alignment mechanism
- Hot-drip galvanized steel

Longitudinal transportation

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