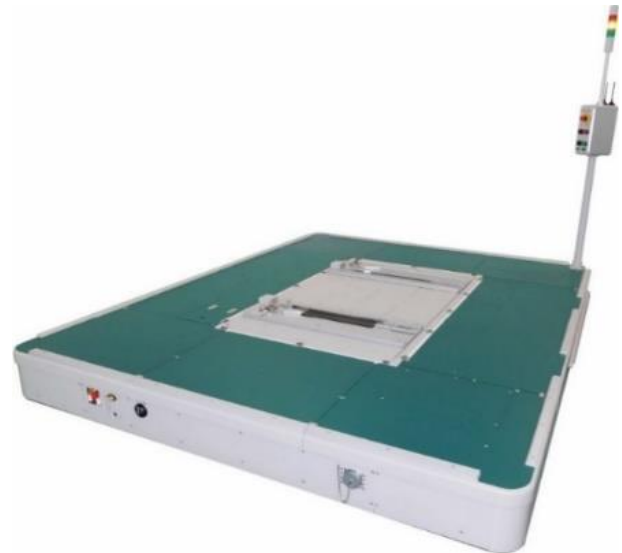
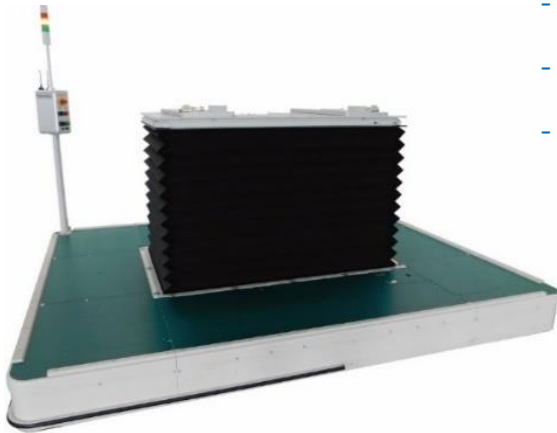




AFPS - AGV Flow Production System

Production System by AGV with Lifter

- Top of the Lifter used for assembling table
- Production line by AGV for weight product
- Worker can take comfortable posture by Lifter height
- Tact time balance optimization for productivity improvement



Features of AGV

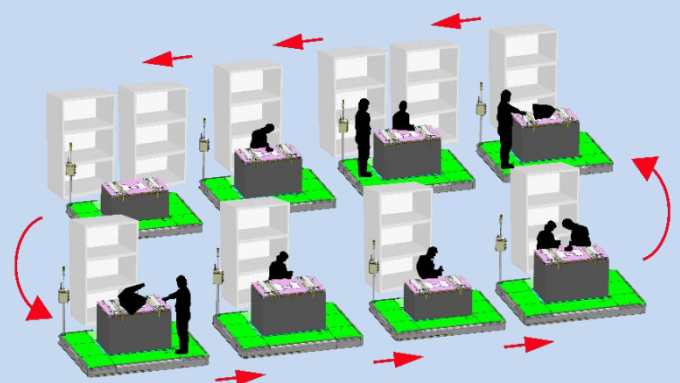
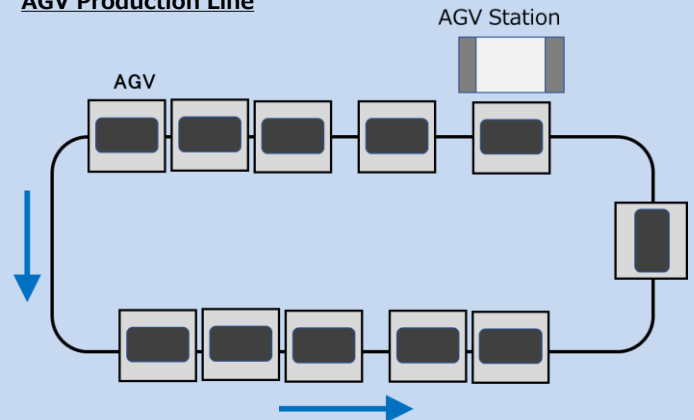
Lifter weight 800kg (standard)
AGV controller
Magnetic induction method
Signal tower
Continuous operation 12 hours
Collision prevention function

AFP Features

1. AFP constructs flow production line on AGV.
2. Worker can assemble products on the Lifter of AGV. Lifter height is adjustable for comfortable posture for worker to reduce physical burden.
3. Tact time of each process is controllable for optimization of tact balance, lead time improvement, easier production line organization or change. AFP contributes ideal production planning!



AGV Production Line

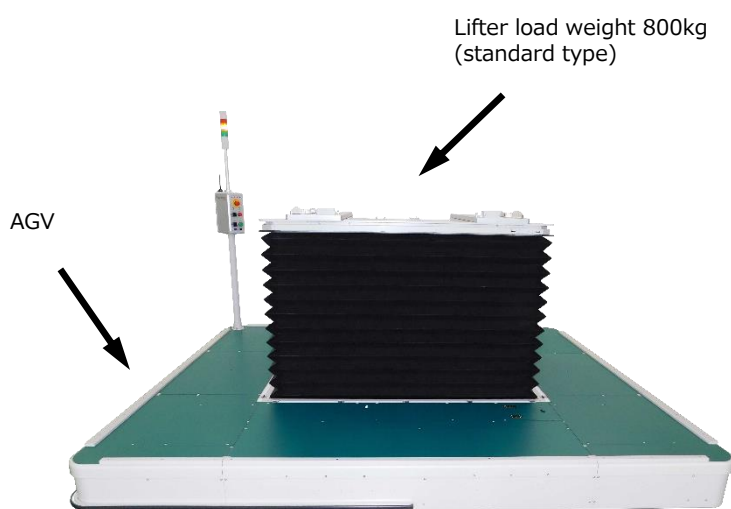
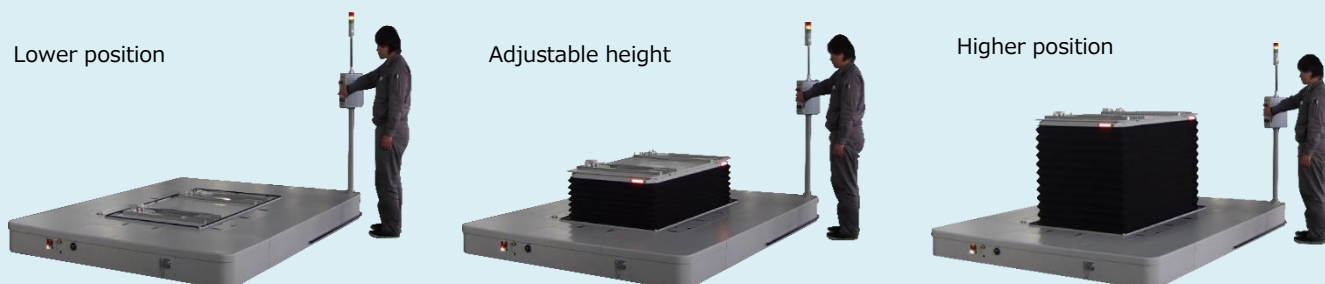




AFPS - AGV Flow Production System

Adjustable Lifter Height

- Lifter height is adjustable for worker in most comfort position for assembling or producing product on the lifter
- Lifter setting higher position for working from the side, lower position for working from the top of product on the lifter



Option

AGV station



Specification

| | |
|-----------------------------|-------------------------------|
| Lifting weight | 800kg |
| Lifter table size | 1,410mm × 840mm |
| Lifting height | 889mm以上 |
| Running speed | 0.05~2.0m/min |
| Accuracy for stop AGV | less than ±10mm |
| Continuous operation time | more than 12 hours |
| Battery charging time | within 10 hours |
| Max. turning diameter | Φ1700mm |
| Dimensions | 2,762.5mm × 2,158.4mm × 240mm |
| Weight | 1,300kg |
| Working area loading weight | 200kg |
| Working area size | 600mm |

Control Screen (Sample)



Production control screen



Equipment management screen

Custom Order

We design and produce for customer requirement.



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