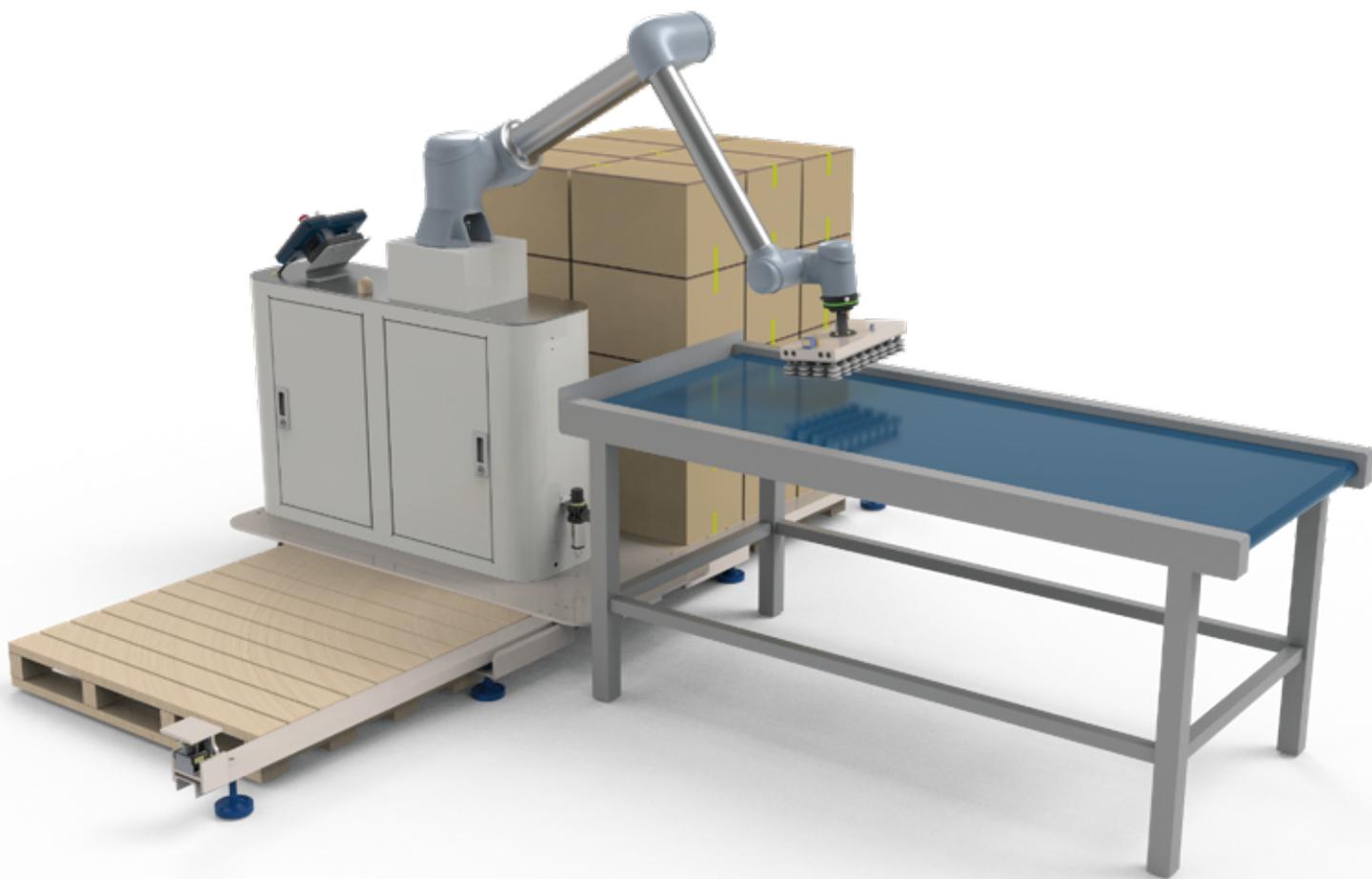


DUCO BOXPALLET SOLUTION

Strive to be the Best Partner for Smarter Future



DUCO BOXPALLET SOLUTION

DUCO Robotics has been deeply involved in the application of palletizing industry, and has cooperated with industry partners to provide turnkey station-level products for end customers based on DUCO's technical reserves and R&D capabilities. The extremely simple operation interaction, extremely fast application deployment, and extremely short return on investment make palletizing a stress-free job.

The workstation features a new lift column with excellent rigidity and stability. The large mushroom-shaped buttons are easy to operate. The touchscreen guided interface allows for zero-based operation. The dedicated outlet is designed to accommodate the cable storage and dragging function of the touchscreen.

The heavy-duty foot cups ensure a stable landing for the equipment. The large-sized wheels make movement effortless and convenient. The quick-connect power source interface makes electrical connection simple and quick.

25 / 16kg
Payload

6-8boxes / min
Efficiency

1800 / 2000mm
Working Reach

PRODUCT FEATURES



Flexible Deployment

- Modular design, easy to transport, fast deployment, and flexible production.



Easy Operation

- Portable teaching pendant with visible processing program. Zero threshold requirement, quick to get started. The product changeover can be completed in just 3 minutes.



Wide Application

- Suitable for industries such as food, medical, and electronics.

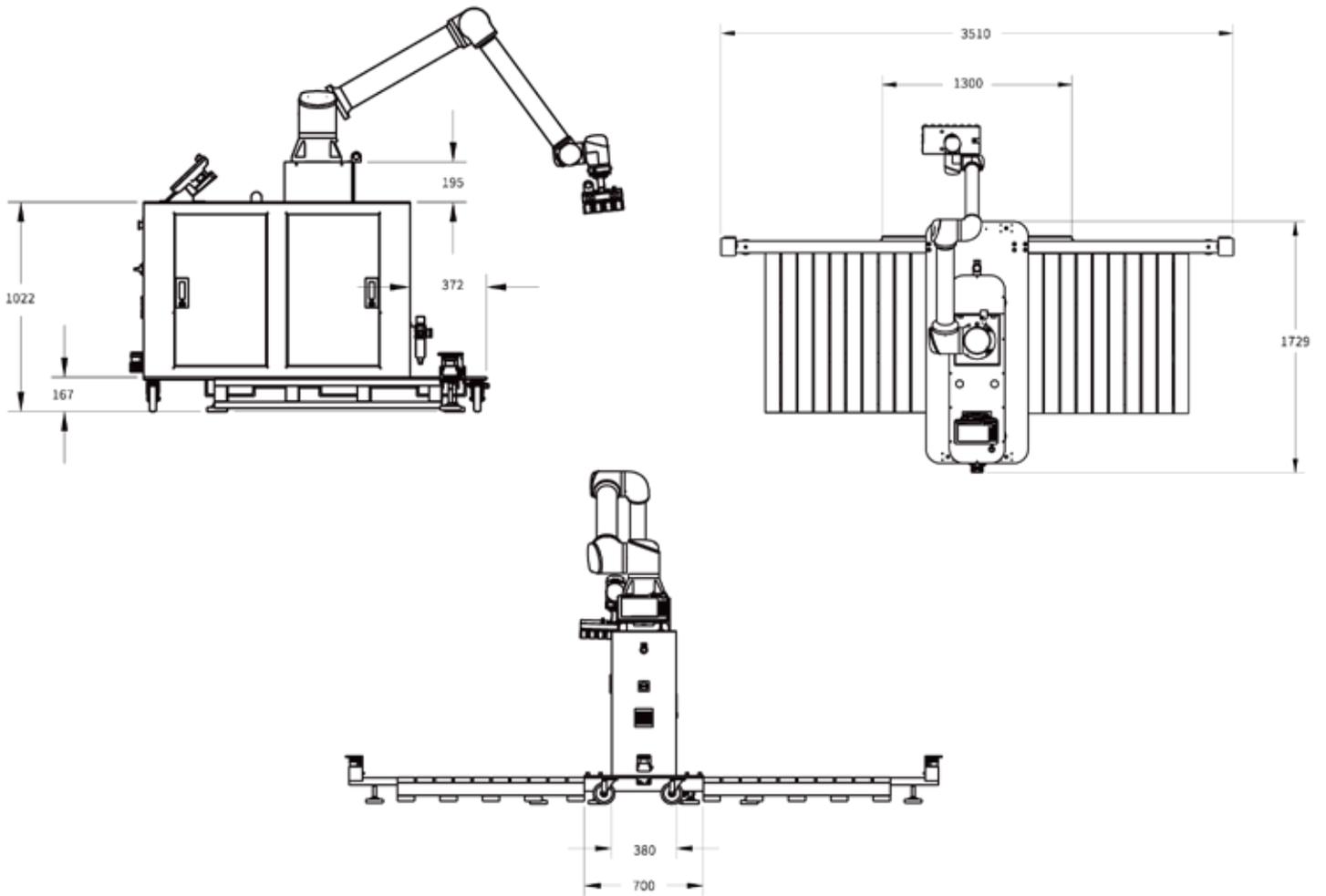


Safe and Efficient

- No safety fence is required, and operators can work together with robots; Replace heavy handling work, reduce labor intensity, and improve production efficiency.



PRODUCT DIMENSIONS

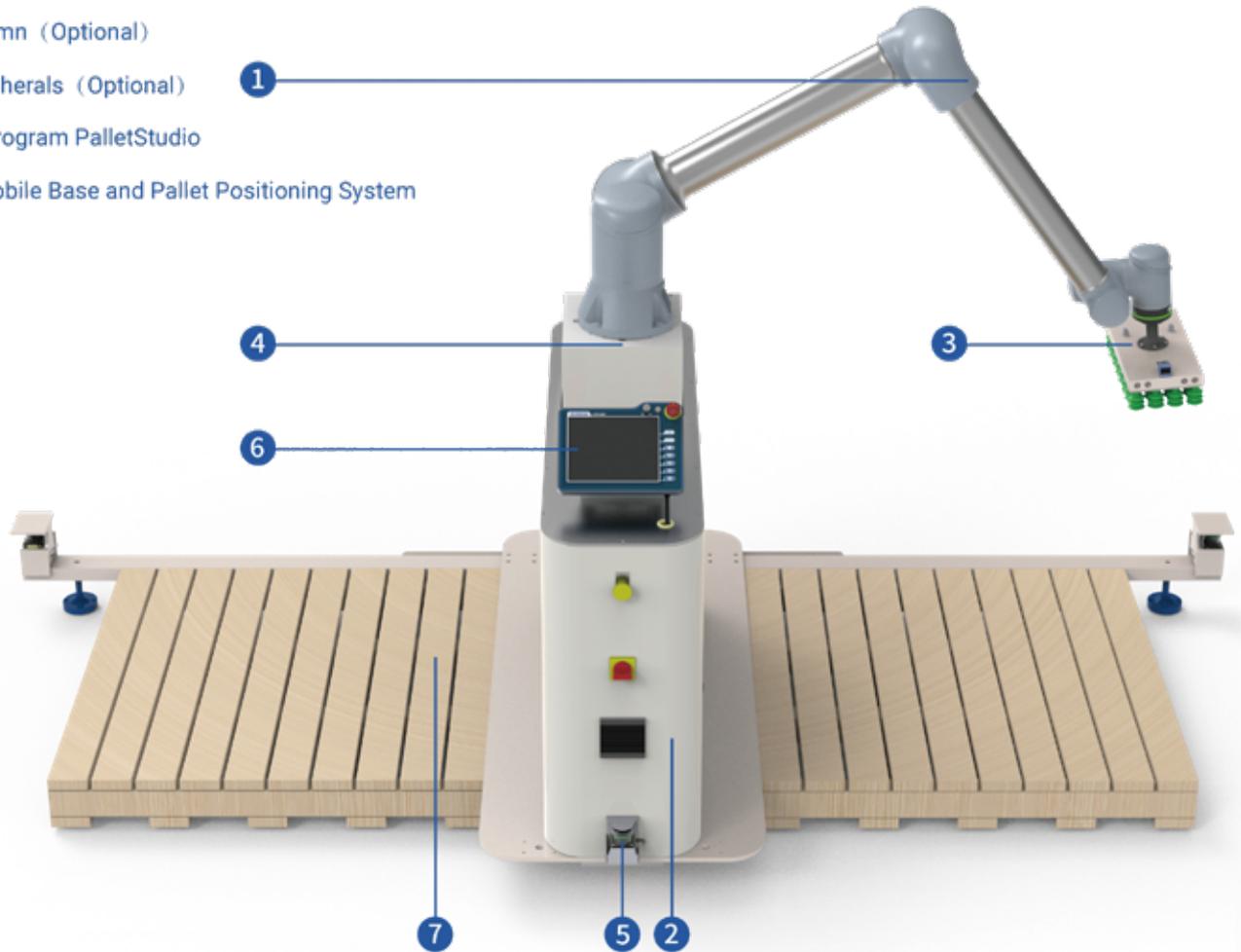


ON-SITE DISPLAY



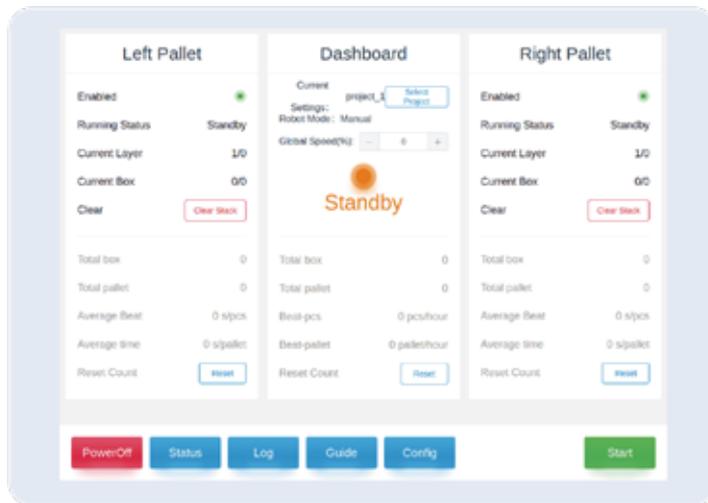
PRODUCT COMPOSITION

- 1 Collaborative Robot
- 2 Electric Controller
- 3 End Suction System
- 4 Lifting Column (Optional)
- 5 Safety Peripherals (Optional)
- 6 BoxPallet Program PalletStudio
- 7 Portable Mobile Base and Pallet Positioning System

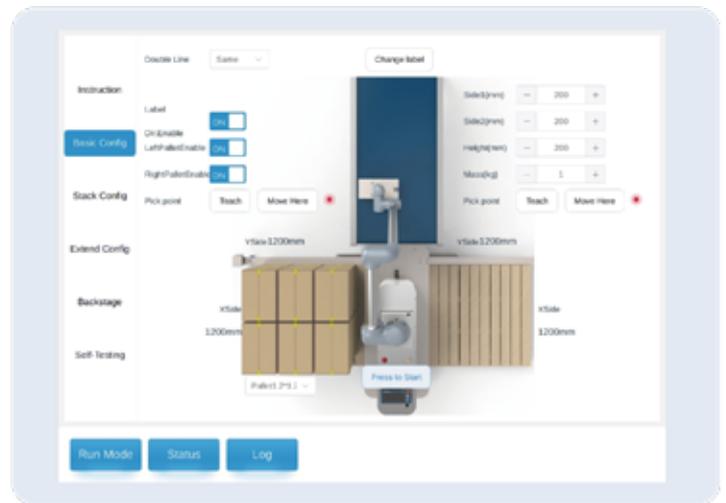


Technical parameters	
Palletizing Height	1600mm(including pallet 1200mm*1200mm) MAX height: 2400mm(by lifting device)
Payload	25/16kg
Working Reach	1800/2000mm
Efficiency	6-8 boxes/min
Floor Space	3500mm*1700mm
Rated Power	1750W
Power Supply	Power Input: 220 VAC, 47-63 Hz
Lifting Column	Lifting height 600mm

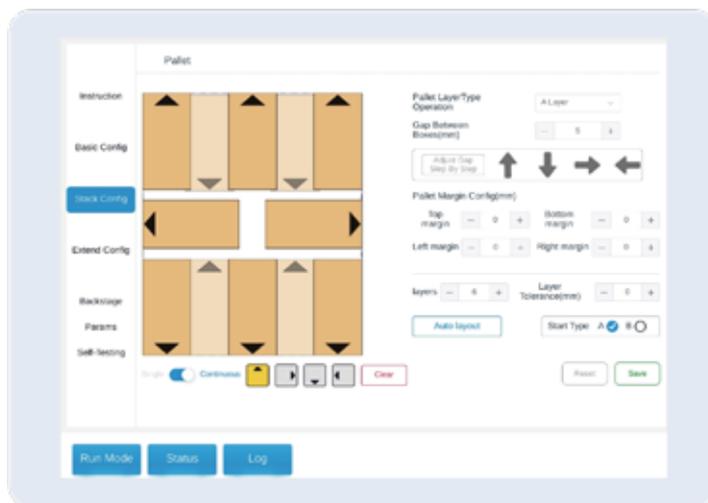
OPERATOR INTERFACE



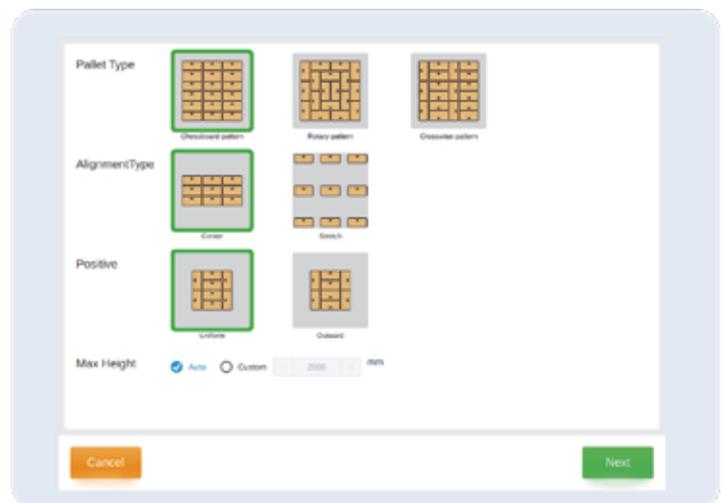
Operational Monitoring



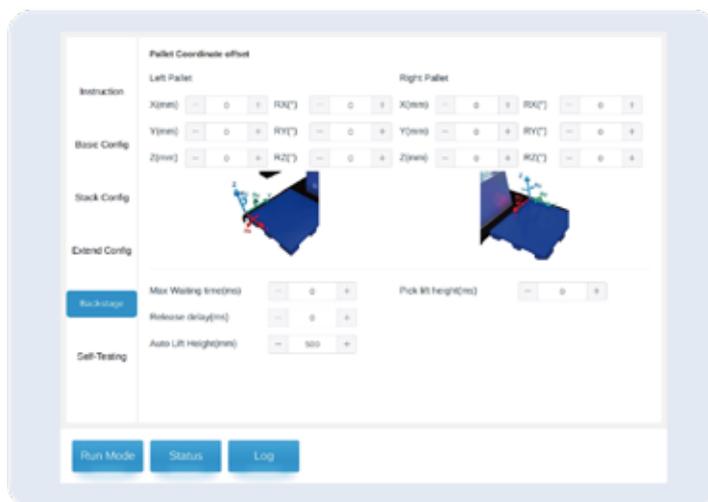
Quick Configuration



Automatic Stack Configuration



Automatic Production of Stack Patterns



Advanced Expanded Configuration



Advanced Parameter Settings

Force Sensor



Vision System



Electrical Gripper



Vacuum Gripper



Quick-Change



Simulation&Off-line Program



Fasten System



Dress Packs



Gateway&Expansion Module



Laser Scanner



Optical &3D Scanner



Welding Machine(China)



Welding Machine(Global)



Other

