» Fast, Efficient, and Agile

Compatible with various industries, collaborative robot is leading a new era in palletizing.

CODROID ROBOT

ELECTRONICS
PHARMA

FOOD & BEVERAGE
LOGISTICS & WAREHOUSING

ESTUN CODROID

CO-PALLETIZER 20

Solutions for Collaborative Robot Palletizing

Specifications

Model	Co-Palletizer 20 (Fixed)	Co-Palletizer 20 (Elevating)
Payload	20kg	
Working Radius	1800mm	
Horizontal Distance (Pallet Size)	1200mm*1200mm	
Max. Joint Speed	Axes 1/2: 110°/s Axis 3: 150°/s Axes 4/5/6: 180°/s	
Repeatability	0.1mm	
Communication	Analog, Digital, MODBUS RTU, MODBUS TCP, CAN, RS485	
IP Classification	IP54(arm)	
Operating temp.	0 – 50 °C	
Weight	270kg	300kg
Footprint	1530mm*1480mm	
Rated Voltage	220V	
Max. Power Consumption	3000W	
Palletizing Speed	8-12/min	
Palletizing Height	1930mm	2430mm
Compatible surfaces	Cardboard, smooth surfaces	

COBOT PALLETIZING SOLUTION

ESTUN CoDroid Co., Ltd.

No.1888, Jiyin Avenue, Jiangning Economic Development Zone, Nanjing, China
+86 13101881185
www.codroid.ai

ESTUN CODROID

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SOLUTIONS FOR COLLABORATIVE ROBOT PALLETIZING

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CODROID ROBOT

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CO-PALLETIZER 20

Solutions for Collaborative Robot Palletizing

READY TO USE, RAPID DEPLOYMENT
Plug and play, requiring only power and air supply connections for setup within 30 minutes. meeting fast-paced production without professionals to configure.

TERMINAL COMPATIBILITY, UNLIMITED CONNECTION
Supporting PC, tablet, and mobile devices to connect and log in directly via the web to teach pendant interface freely.

GRAPHICAL PROCESS KIT, EASY PROGRAMMING
Professional palletizing package with graphical guidance and no-code programming. Complete palletizing program setup with drag teaching, enabling easy programming in just "3 minutes" with "zero experience".

CUSTOMIZABLE STACK PATTERNS, ENSURING STABILITY
Define stack patterns through animated interactions, achieving tighter stacking with leaning palletizing.

MORE FLEXIBILITY, EASY TO MOVE
Compatible with various sizes, weights, and materials of boxes, supporting mixed-size stacking. Easy to move among different production lines, making it ideal for various production and logistics scenarios.

» *5 Steps Palletizing Process Package*

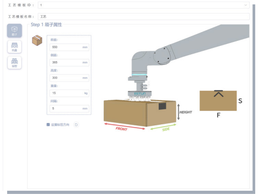
» *Quick Definition in 3 Minutes*

Rapid Palletizing Deployment With Unmatched Speed

Solutions for Collaborative Robot Palletizing

STEP-01

Define the dimensions, weight, and spacing of the boxes. Label orientation can be set to ensure labels are displayed on the outside of the pallet.

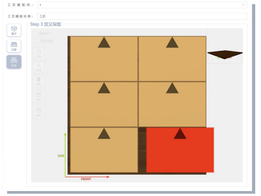


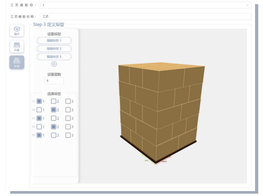
STEP-02

Place the pallet at the specified position, define the pallet dimensions, and select the pallet to be used for palletizing.

STEP-03

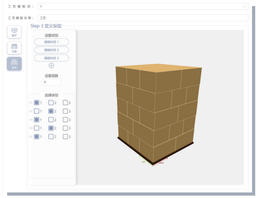
Quickly edit the stacking pattern through virtual preview, with an option to select a tight stacking pattern (boxes with zero gaps).





STEP-04

Support to edit and select various patterns to build palletizing process package.



STEP-05

Teaching a single "material positioning point" is sufficient to start palletizing.