

NexBot Drives CLR032-002 SCARA Robot 5kg Payload

**NexBot
Robotics**

SKU: NXB-ROB-CLR032-002 | Category: Robots
> SCARA Robots > Cleanroom SCARA

Overview

NexBot Drives CLR032-002 SCARA Robot 5kg Payload (NXB-ROB-CLR032-002) is an industrial robot platform built for automated handling, machine tending, and repeatable production motion in manufacturing cells. Its product profile emphasizes the characteristics buyers expect from a robot rather than from a component: payload capacity, reach, axis coordination, motion repeatability, and controller-level integration into line equipment. The platform is suited to continuous-duty factory environments where predictable cycle performance, maintenance access, and installation planning all matter to engineering teams. It fits robotics programs that need a complete robot arm for deployment, expansion, or replacement within an existing automation footprint.

Technical Specifications

Parameter	Value	Unit
Weight	25.0	kg
Material	Cleanroom-grade coated aluminum	
Voltage	200-240VAC Single Phase	
IP Rating	IP54	
Country of Origin	KR	
Protocol	EtherCAT	
Dimensions	210 x 210 mm (Base Footprint)	
Reach	450 mm	
Payload	5 kg	
Axes	4	
Repeatability	±0.01 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).

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