

NexBot R-20 Articulated Robot, 50kg

**NexBot
Robotics**

SKU: NXB-ROB-R20-050-A | Category: Robots
> Articulated Robots > Medium Articulated
(10-50kg)

Overview

NexBot R-20 Articulated Robot, 50kg (NXB-ROB-R20-050-A) 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	1180.0	kg
Material	Cast Aluminum Alloy	
Voltage	400-480VAC 3-Phase	
IP Rating	IP67	
Country of Origin	US	
Protocol	PROFINET	

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