

NexBot Vision 642-003 Ceiling Or Wall Robot Mount

**NexBot
Robotics**

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> Robot Mounts & Bases > Ceiling & Wall Mounts

Overview

The NexBot Vision 642-003 Ceiling Or Wall Robot Mount provides a robust and reliable solution for installing compatible NexBot robots in inverted or horizontal orientations. This heavy-duty mount is designed to maximize production floor space and enable unique operational layouts that are not possible with traditional floor-mounted installations, making it ideal for overhead machine tending, complex assembly lines, and wide-area pick-and-place applications. Constructed from high-strength A36 structural steel with a durable powder-coated finish, the mount ensures exceptional rigidity and long-term stability under continuous industrial use. Its design minimizes vibration, which is critical for maintaining robot accuracy and repeatability during high-speed operations. The precision-machined mounting interface provides a secure and accurate fit for select NexBot R-Series and C-Series robots, ensuring a seamless integration process. With a substantial static load capacity of 250 kg, this mount offers a significant safety margin for a range of robot models and their associated end-of-arm tooling. The 642-003 mount is engineered for versatility, featuring a standardized bolt pattern that aligns perfectly with supported robot bases. This facilitates a straightforward installation process, reducing downtime and integration complexity. By elevating the robot, the mount provides an expanded work envelope and can improve accessibility to machinery and workpieces. This configuration is particularly beneficial in welding, dispensing, and material handling tasks where an unobstructed approach from above is required. Proper installation is critical for safety and performance. The mount must be securely fastened to a suitable load-bearing structure, such as a reinforced concrete ceiling or a structural steel beam, capable of supporting the combined weight of the mount, the robot, and its maximum payload during dynamic movements. All required high-tensile mounting hardware for attaching the robot to the mount is included. Structural anchoring hardware must be sourced separately to match the specific requirements of the installation site.

Technical Specifications

Parameter	Value	Unit
Weight	85.5	kg
Material	A36 Structural Steel, Powder Coated	
Country of Origin	SE	
Dimensions	750 x 750 x 400 mm	

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