

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

Brochure

宣传册

文档版本: 1.0.08251
更新日期: 2022/8/25



Software Version 4.5.0

苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021
Address: Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue,
Suzhou Industrial Park, Jiangsu Province, China.
Http://www.nonead.com Http://www.cobotchina.com Email:service@nonead.com
Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

技术参数, 如有变更, 恕不另行通知

新版下载地址: https://www.nonead.com/hardware_content/20704.html

ICS CODE: NH0235 NH0249 NH0278 NH0279
NO.

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

MiR-Robots is an autonomous mobile robot for indoor industrial collaboration, which can automate the transportation of materials in the factory. Increase the speed of intralogistics and free employees from repetitive and dangerous transport tasks, ensuring that employees and robots work safely and efficiently, and increase productivity.

MiR-Robots industrial collaborative mobile robots are fast to deploy, simple to program, safe and reliable, and work without changing the workplace layout. MiR-Robots enables you to constantly adapt to changing market demands, new products and production processes. You can easily replace top modules, change tasks, and add new features without the need for external integration services.

Tod mobile collaborative robot bottom lifting system is a multi-functional bottom lifting system developed by Tod Technology for MiR-Robots customization. As the top standard module of MiR-Robots, it has the characteristics of quick installation, no additional programming, safety and reliability, in order to adapt to different product sizes and weights in various industries. The reference rack is designed for the bottom lifting system, and users can build their own vehicle rack on the base rack at will.

Compatible with MiR100



NH0249 2nd generation NONEAD mobile robot top lift system standby state



NH0249 2nd generation NONEAD mobile robot top lift system working condition

Adapts to MiR250



NH0235 2nd generation NONEAD mobile robot top lift system standby state



NH0235 2nd generation NONEAD mobile robot top lift system working condition

苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

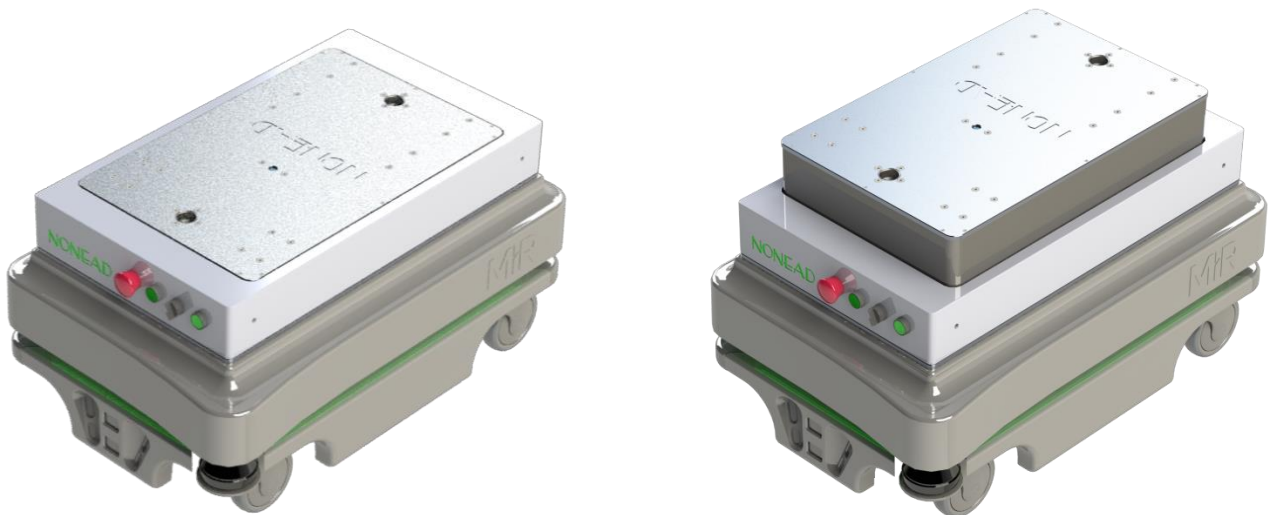
NONEAD[®]
Creativity changes the world

NONEAD Lift Top System CB2

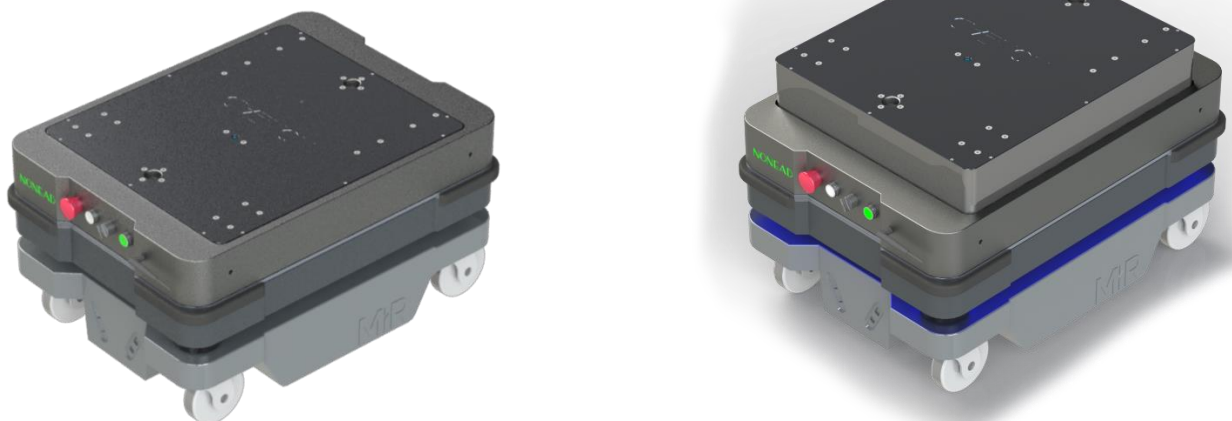
第二代拓德移动机器人顶部举升系统

Features: modular installation, simple and convenient; MiR-Robots is directly controlled without additional programming; Front and rear double emergency stop buttons, safe and reliable; Automatic hand switching, convenient self-test; Programmable buttons to add site-level human-machine interaction to MiR-Robots.

TESTED ON A STANDARD EPOXY FLOOR AND ADAPTED TO THE REFERENCE TRUCK (MIR 100 MAX LOAD 80 KG, MIR250 MAX LOAD 200KG, MAX. LOAD = DATUM TRUCK + Upper material rack + gross weight of the product).



NH0249 The MiR100 is equipped with the top lift system of the second-generation NONEAD mobile robot



NH0235 MiR250 equipped with the top lifting system of the second-generation NONEAD mobile robot

苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

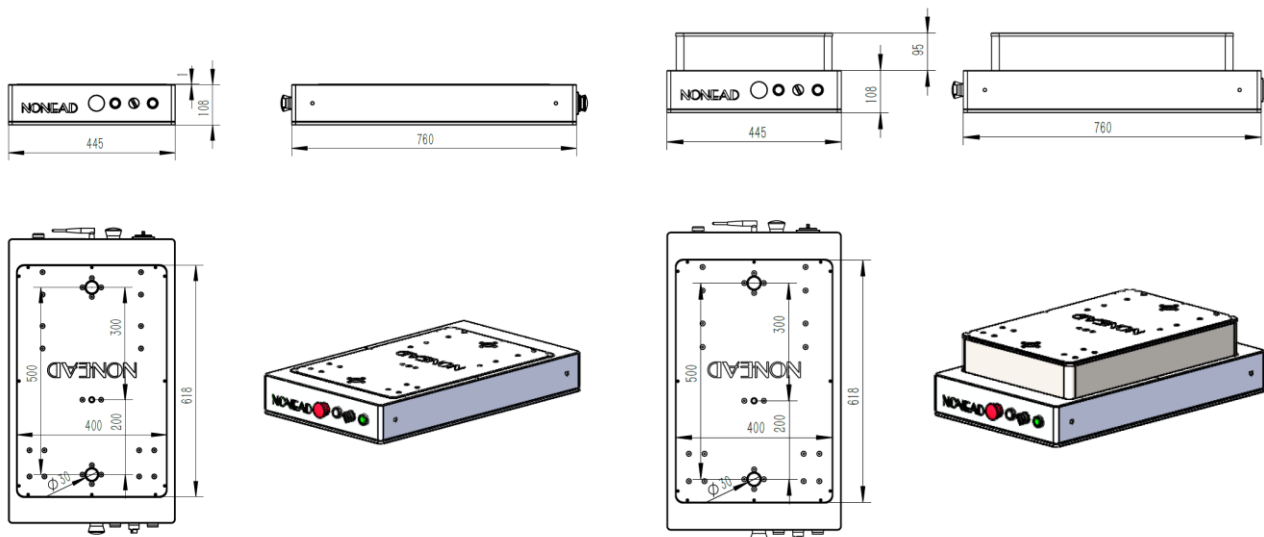
中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email: service@nonead.com Tel : +86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

NONEAD[®]
Creativity changes the world

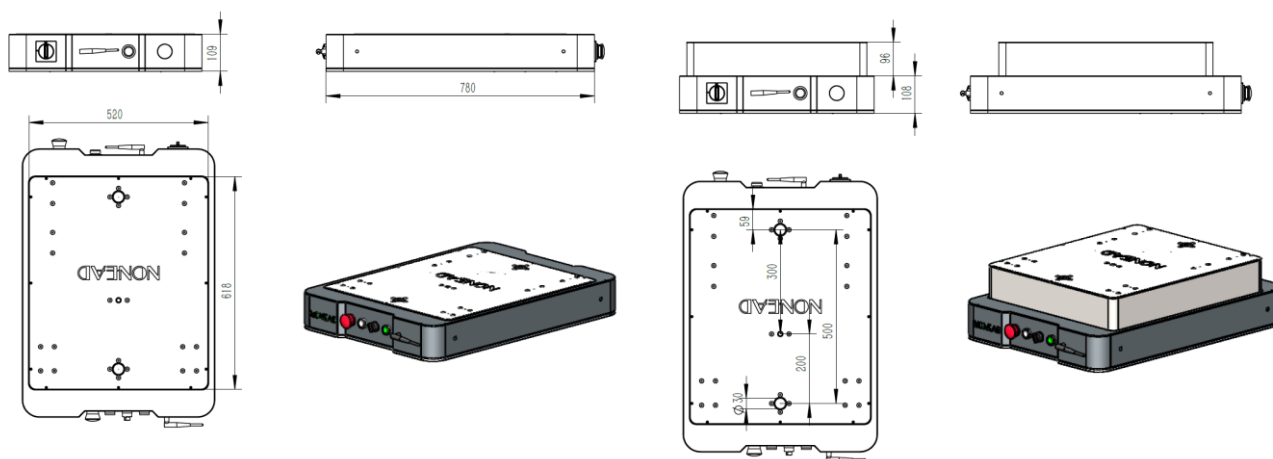
NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

Dimensional drawing



NH0249 2nd generation NONEAD mobile robot top lift system for Mir100 units: mm



NH0235 2nd generation NONEAD mobile robot top lift system for Mir250 units: mm

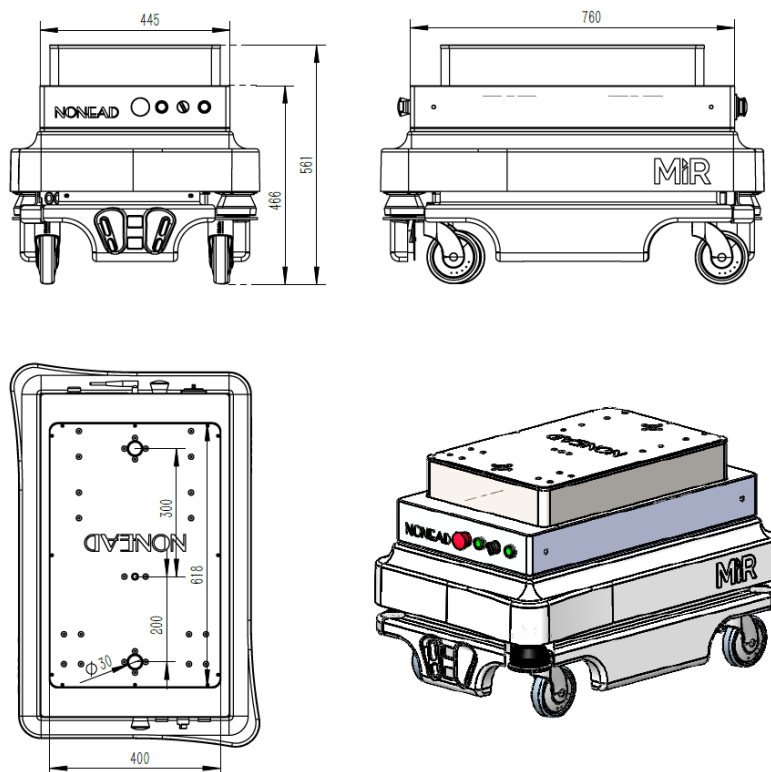
苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

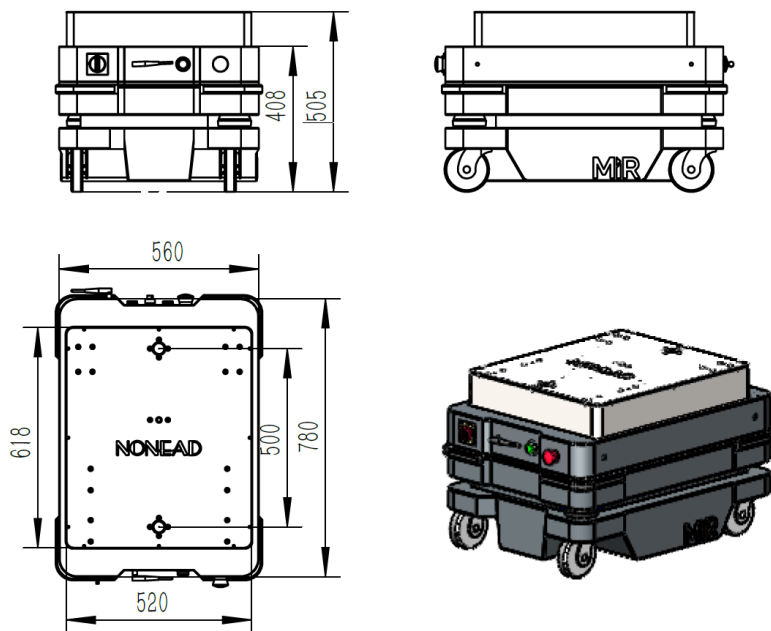
NONEAD[®]
Creativity changes the world

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统



The MIR100 with the NH0249 2nd generation NONEAD mobile robot top lift system installed

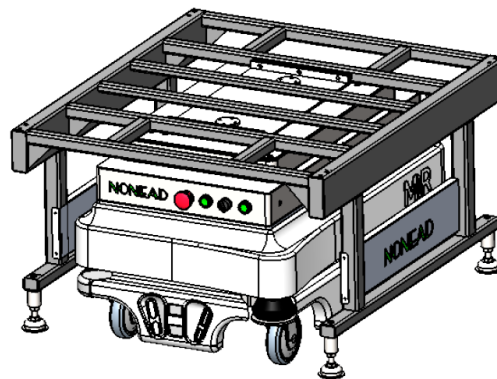
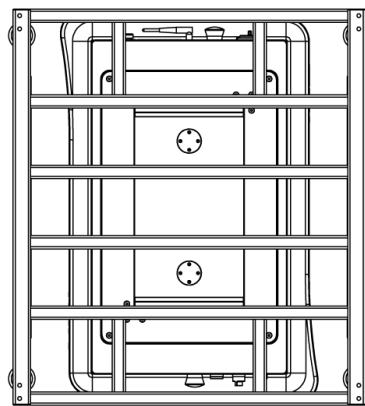
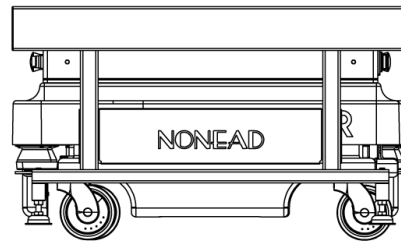
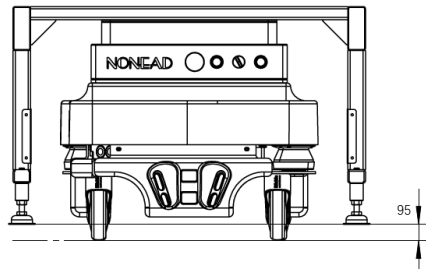


The MIR250 with the top lift system of the NH0235 2nd generation of the NONEAD mobile robot is installed

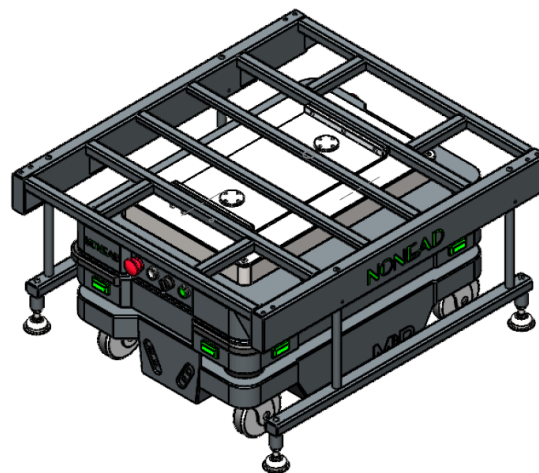
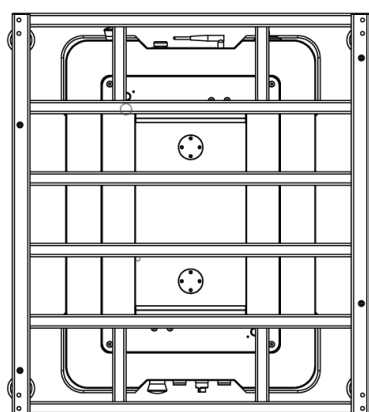
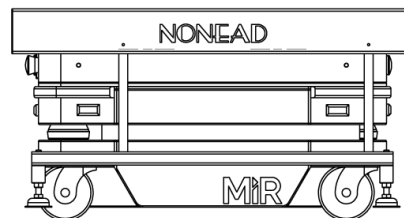
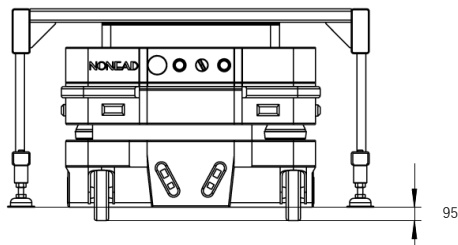
NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

Rack related



The Mir100 rack is 95 mm above the ground during transport



The Mir250 rack is 95 mm above the ground during transport

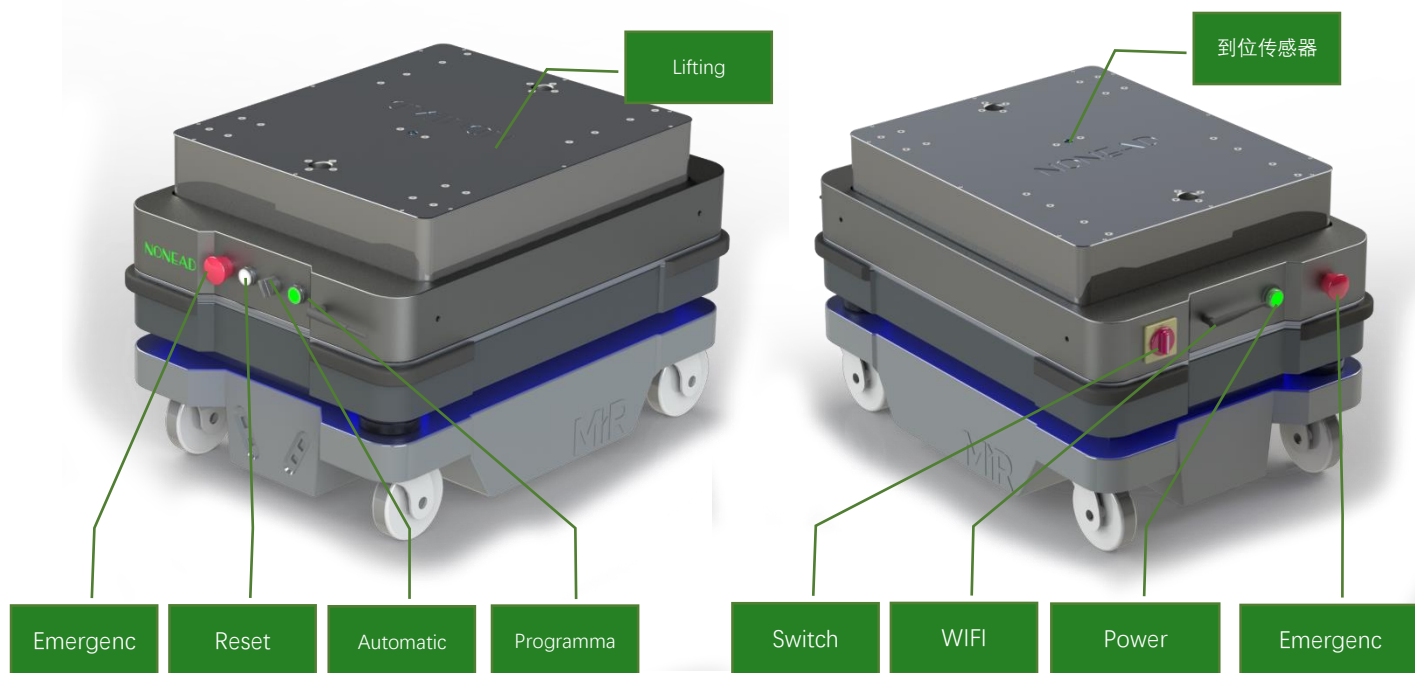
苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

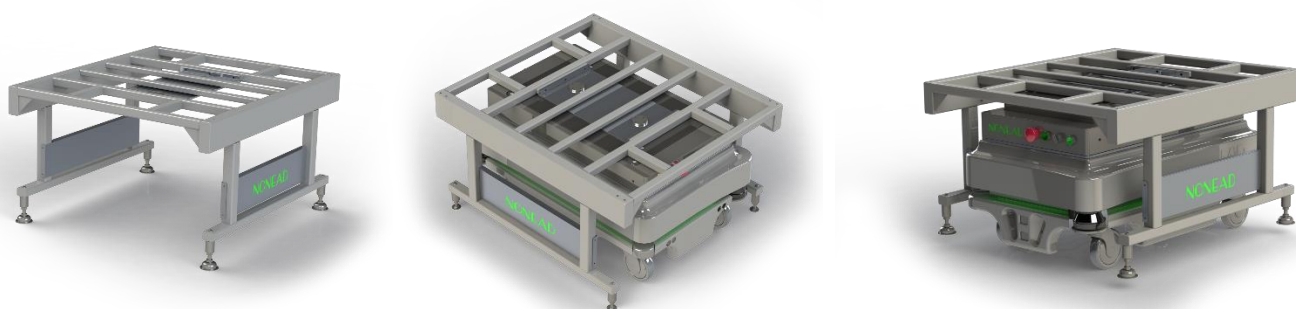
NONEAD[®]
Creativity changes the world

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统



Introduction of the function buttons of the top lifting system of the second-generation NONEAD mobile robot



MiR100 lifting datum rack



MiR250 lifting datum rack

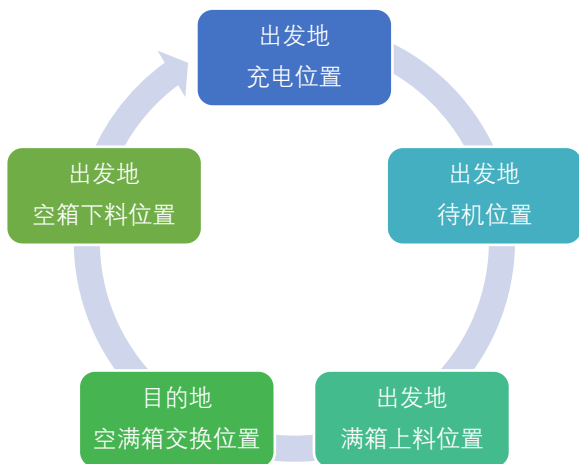
苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

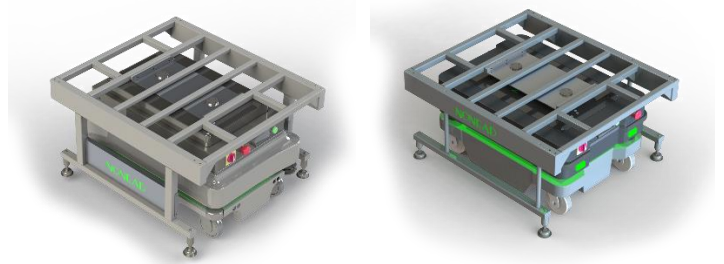
NONEAD[®]
Creativity changes the world

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统



Fully automatic closed-loop material transfer solution for manufacturing enterprises



Customer demand: manufacturing enterprises in-plant material transportation automatic transfer needs, the transfer process is as follows:



Transportation method: Due to the difference in product packaging, different material trucks will be used as the means of carriage for each process



Call mode: manual pulling, manual pushing, MES system pushing, equipment calling, position pushing:



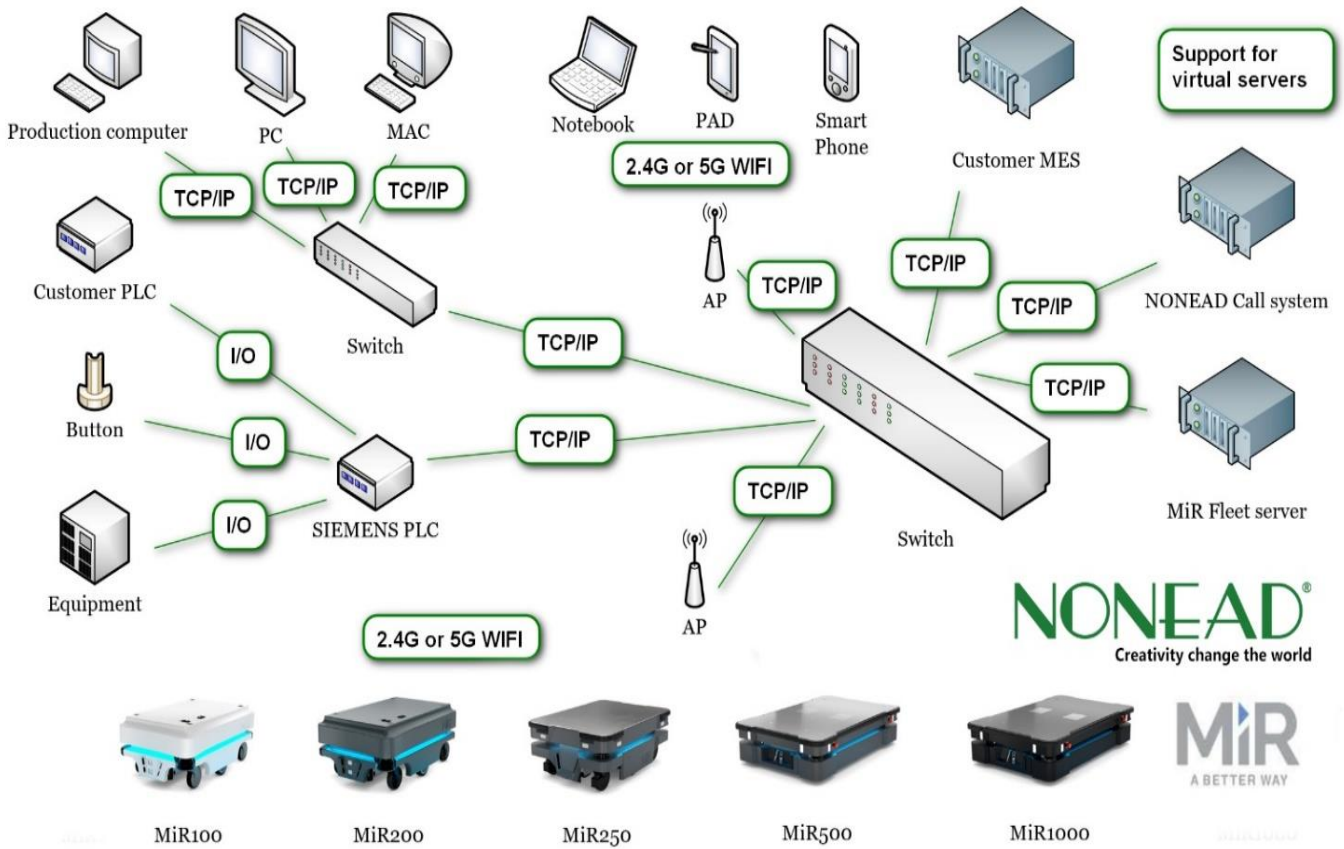
Execution system: MiR-Robots (main body and charging station).



NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

System architecture: MiR scheduling system, NONEAD call system, customer MES interface secondary development;



MiR100



MiR200



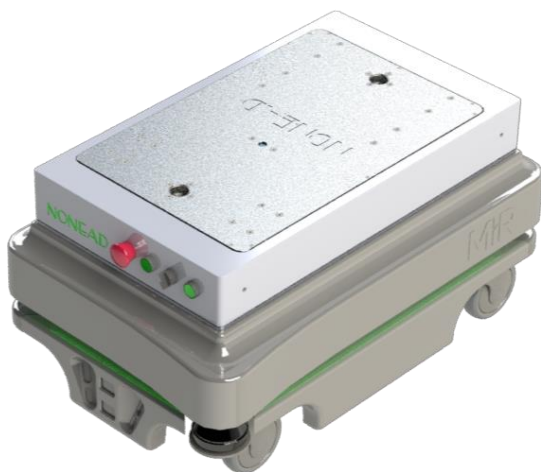
MiR250



MiR500



MiR1000



苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

NONEAD[®]
Creativity changes the world

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

Let your imagination run wild

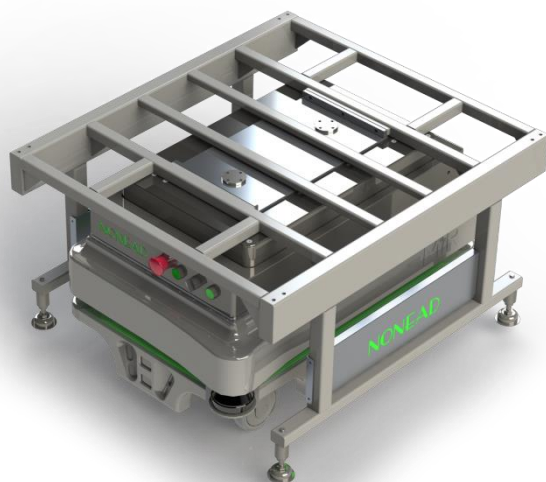
NH0278 Lifting Datum Rack MiR100&MiR200

NH0279 lifting reference rack MiR250

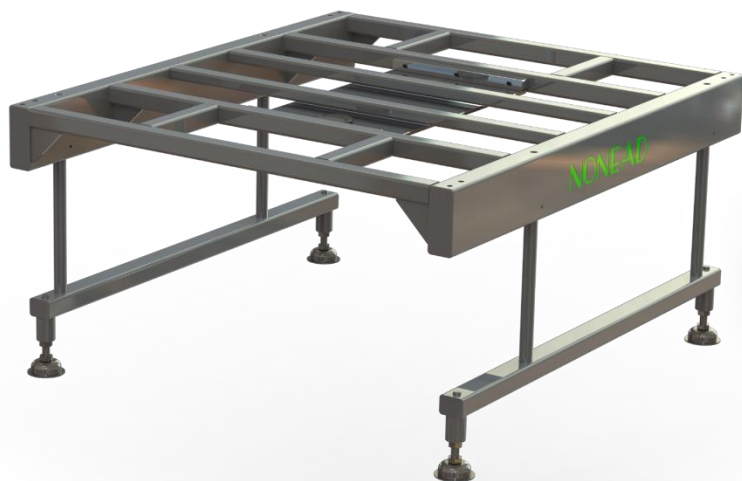
If none of the existing material accessories of Tuode Technology is suitable for you, you can purchase our reference material rack, and the upper carrier can design the vehicle according to the site situation and product size and size.



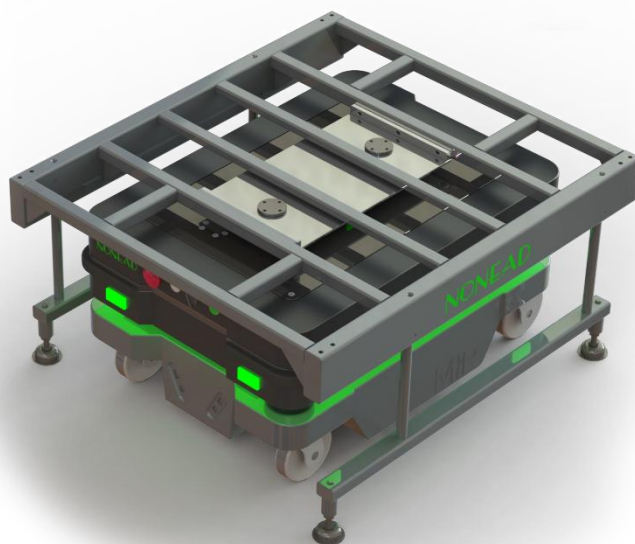
NH0278 Reference Rack MiR100&MiR200



MiR100/MiR200+ Lifting System Lift Datum racks



NH0279 Reference Rack MiR 250



MiR250 + Lifting System Lifting Frame

苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 [Http://www.nonead.com](http://www.nonead.com)
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
[Http://www.cobotchina.com](http://www.cobotchina.com) Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

NONEAD[®]
Creativity changes the world

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

Technical parameters

NH0249 2nd generation Tuode mobile robot top lift system for MiR 100 & MiR200

产品名称	第二代拓德移动机器人顶部举升系统 for MiR100/MiR200
ICS CODE	NH0249
图片	
简称	760mm
长	445mm
宽	467mm
待机高度	562mm
工作高度	144 mm
重量	40KG
功耗	最大功耗 DC24V 112W, 待机功耗 DC24V 20W
最大负载	100KG
IP等级	IP20
安全系统	2个急停按钮, 1个复位按钮
保护功能	电机保护装置
控制模式	1个两档按钮, 切换 自动/手动
多功能按钮	1个可编程按钮
供电	1个电源总开关
可视化	1个报错警示灯
天线	1根2.4G&5G 馈线延长线及高增益天线

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

NH0235 2nd generation NONEAD mobile robot top lift system for MiR250

产品名称	第二代拓德移动机器人顶部举升系统 for MiR250
ICS CODE	NH0235
图片	
简称	nLTS_CB2 for MiR250
长	780mm
宽	560mm
待机高度	409mm
工作高度	504mm
重量	40KG
功耗	最大功耗 DC24V 112W, 待机功耗 DC24V 20W
最大负载	250KG
IP等级	IP20
安全系统	2个急停按钮, 1个复位按钮
保护功能	电机保护装置
控制模式	1个两档按钮, 切换 自动/手动
多功能按钮	1个可编程按钮
供电	1个电源总开关
可视化	1个报错警示灯
天线	1根2.4G&5G 馈线延长线及高增益天线

NONEAD Lift Top System CB2

第二代拓德移动机器人顶部举升系统

NH0278 Lifting Datum Rack MiR100&MiR200

产品名称	第二代拓德移动机器人顶部举升基准料架 for MiR100/MiR200
ICS CODE	NH0278
图片	
长	900 mm
宽	800 mm
高	506mm
工作离地高度	95mm
重量	30KG
最大负载	80KG

NH0279 Lifting reference rack MiR250

产品名称	第二代拓德移动机器人顶部举升基准料架 for MiR250
ICS CODE	NH0279
图片	
长	900 mm
宽	800 mm
高	450mm
工作离地高度	95mm
重量	30 KG
最大负载	200KG

苏州拓德机器人科技有限公司

Suzhou Nonead Robot S&T Co., Ltd.

地址：中国江苏苏州工业园区金鸡湖大道 1355 号国际科技园四期 A1101 邮编 215021

Room.A1101,International Science Park Phase Four,No. 1355, Jinji Lake Avenue,Suzhou Industrial Park, Jiangsu Province, China. Tel: +86 512 6863 0188 Fax: +86 512 6863 0198

苏州拓德机器人科技有限公司
Suzhou Nonead Robot S&T Co., LTD.

中国江苏苏州工业园区金鸡湖大道 1355 号苏州国际科技园四期 A1101 邮编 215021 Http://www.nonead.com
Room A1101, International Science Park Phase Four, No.1355 Jinji Lake Avenue, Suzhou Industrial Park, Jiangsu Province, China.
Http://www.cobotchina.com Email:service@nonead.com Tel :+86 18015500178 +86: 512 68630178 68630188 Fax: +86 512 68630198 Ext. 8008

NONEAD[®]
Creativity changes the world