






# SLATE

A Low Profile AGV with Big Capabilities



## FEATURES

-  Differential Drive
-  Zero Degree Turning Radius
-  10-12 Hours of Operations
-  70kg Payload Capacity
-  Auto-Charging Dock Included

## NAVIGATE WITH EASE

- Zero degree turning radius, ensures obstacles are easily avoided
- Independent suspension allows for smooth operation over uneven surfaces
- Anti-collision bar stops the SLATE when contact is made

## FOR PROJECTS BIG AND SMALL

- 70kg payload capacity ensures you can add the equipment you need
- Comes with two 350W hub motors
- 500mm<sup>2</sup> top mounting surface provides a large canvas for your payload

## POWERED BY INTERBOTIX

SLATE comes with our Interbotix custom controller paired with the Interbotix Python library. Cut hundreds of lines of code down to a dozen or so, and take the guess work out of low level CAN programming by using our simple and intuitive modules.



[Learn More About Interbotix](#)



[TrossenRobotics.com/SLATE](https://TrossenRobotics.com/SLATE)

Interested in the SLATE for your application? Contact our sales team: [Sales@TrossenRobotics.com](mailto:Sales@TrossenRobotics.com)



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## SPECIFICATIONS

<b>Dimensions</b>	500mm L x 500mm W x 222mm H
<b>Wheel Separation</b>	392mm
<b>Wheel Diameter</b>	165mm
<b>Weight</b>	40kg
<b>Suspension</b>	2 wheel independent, with 4 support casters
<b>Steering Mode</b>	Differential
<b>Battery Capacity</b>	24V 18Ah
<b>Battery Type</b>	Lithium
<b>Motor</b>	2 x 350W hub motors
<b>Maximum Speed</b>	1m/s   3.6k/hr
<b>Turning Radius</b>	0°
<b>Payload Capacity</b>	70kg
<b>Safety</b>	Emergency stop switch and anti-collision bar
<b>Product Contents</b>	1x SLATE Robot 1x Charging Dock 1x Wireless Remote Control

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## TECHNICAL DRAWING

