

Supported Load Types for FoxBot ATU

Supported Pallet Types

FoxBot ATUs are currently able to pick 40" x 48" block pallets (including both CHEP and PECO brands), IGPS pallets, and stringer/whitewood pallets in a variety of configurations.



(Examples of supported CHEP and PECO block pallets)



(Example of supported IGPS pallet)



(Examples of supported stringer/whitewood pallets)

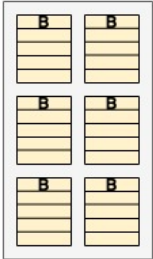
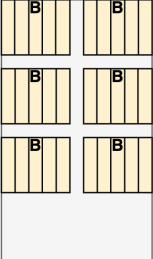
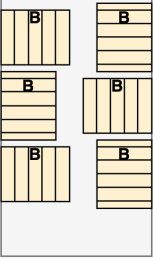
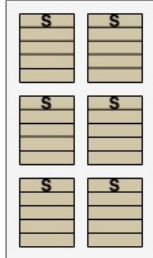
Supported Trailer Load Configurations

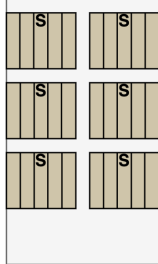
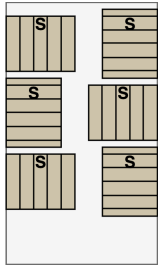
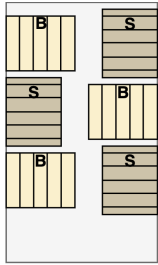
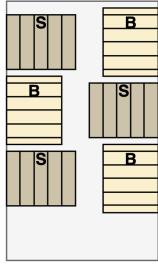
The FoxBot ATU currently supports a variety of homogeneous and heterogeneous loads of block and stringer pallets, straight or turned, via two different fork configurations: a narrow setting (fork spacing 41 cm/16.14 inches), and a mid-spaced setting (fork spacing 56.24cm/22.14 in). Fork spacing is manually adjusted by the Operator prior to commanding the robot to unload a trailer and fork positions are expected to stay in the same position once a run has started. Because some pallet types and orientations can be picked with either narrow or mid-spaced forks, and some pallet types/orientations can only be picked in one configuration, the allowable fork position(s) for any particular trailer depend on what combination of pallets and orientations are expected to be in that trailer.

Supported Trailer Load Configurations

This section is also available as a standalone reference sheet:

[Supported Trailer Load Configurations](#)

Load Type	Illustration	Fork Position Support
Straight Block Pallets		Supported w <u>Narrow Forks only</u>
Turned Block Pallets		<i>Supported with Narrow or Mid-Position Forks</i>
Pinwheeled Block Pallets		Supported w <u>Narrow Forks only</u>
Straight Stringer Pallets		<i>Supported with Narrow or Mid-Position Forks</i>

Load Type	Illustration	Fork Position Support
Turned Stringer Pallets		Supported with <u>Mid-Position Forks only</u>
Pinwheeled Stringer Pallets		Supported with <u>Mid-Position Forks only</u>
Mixed Load: Straight Stringers <i>plus</i> Turned Block Pallets		Supported with Narrow or Mid-Position Forks
Mixed Load: Turned Stringers <i>plus</i> Straight Block Pallets		Not supported