

WIRELESS CALL/GO BUTTON

FRED2500 OPTION

PURPOSE

The wireless call button option will duplicate the button at each end of FRED but can be triggered up to 100 m away from FRED.

WHAT'S INCLUDED

Buttons are available in various colors, contact the factory for details.



OPERATION

Buttons will come from the factory pre-programmed to trigger FRED. Different colors can be programmed to trigger different directions of FRED travel. The buttons are designed for line of site operation. There is an indicator light on the button which will flash green if FRED received a good signal, yellow if FRED received a weak signal and red if FRED did not receive the signal. If the button flashes red, reposition the button and press again or move closer to FRED and press again.

Visit <http://www.fred2500.com> to learn more

ASI DRIVES
209 Progress Drive
Montgomeryville, PA 18936

CONTACT US TODAY
fred@asidrives.com
215-661-1002

TOWING CAPABILITY

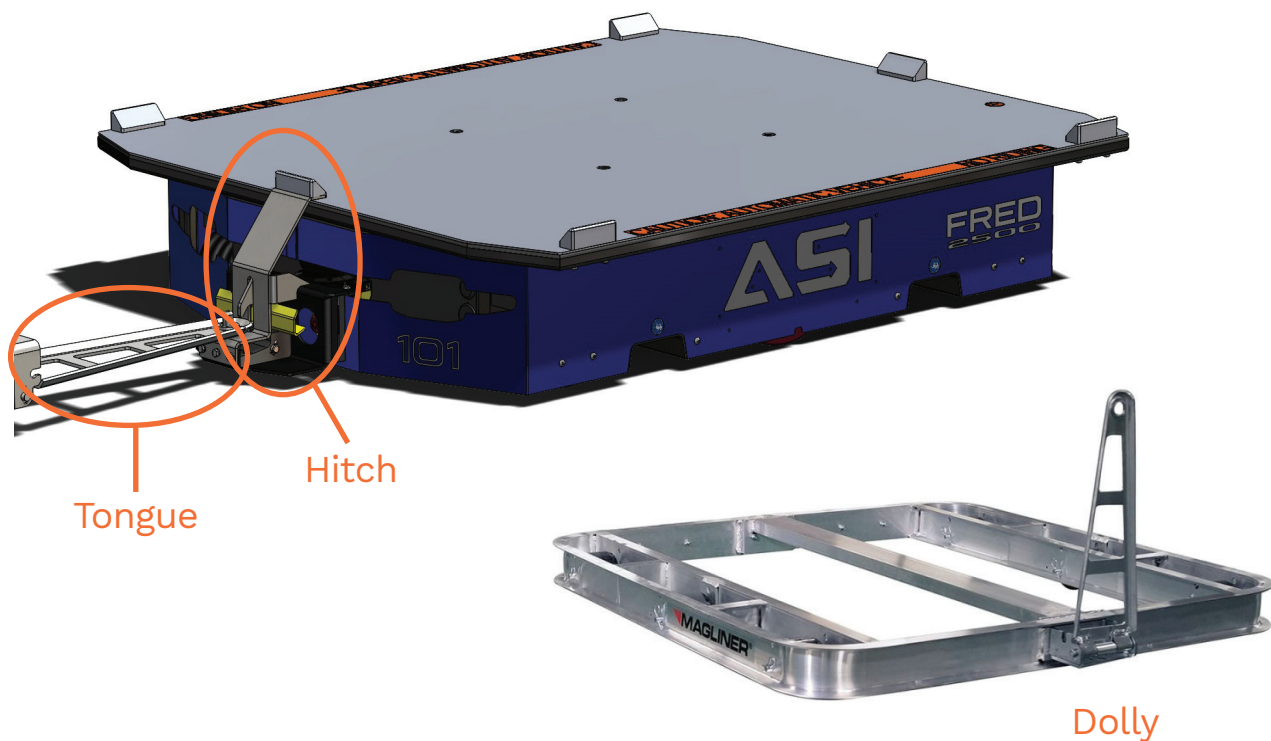
FRED2500 OPTION

PURPOSE

The Towing option allows FRED to tow loads greater than 2,500Lbs, depending on Dolly capacity. This option also enables the quick removal of loads from FRED without waiting for an available forklift.

WHAT'S INCLUDED

The towing option uses a spring energized hitch to hold the dolly tongue to the hitch on FRED. Dollies are available in various sizes.



OPERATION

To release the dolly simply press either side of the release bar toward FRED. This may be done with your foot but take care not to stand or press down on the release bar. Be sure to use the proper size dolly for your skid size. The safety laser on FRED is re-programmed for safe towing.

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SIGNAL CONNECTOR

FRED2500 OPTION

PURPOSE

This Signal Connector allows access to FREDs go buttons via 3rd party on-board electronics.

WHAT'S INCLUDED

The Signal connector is a 4 pin connector option offered to system integrators who wish to install electronics on-board FRED. The connector provides +24VDC, ground, Go forward, and Go reverse.



Signal Connector

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CONTACT CHARGING

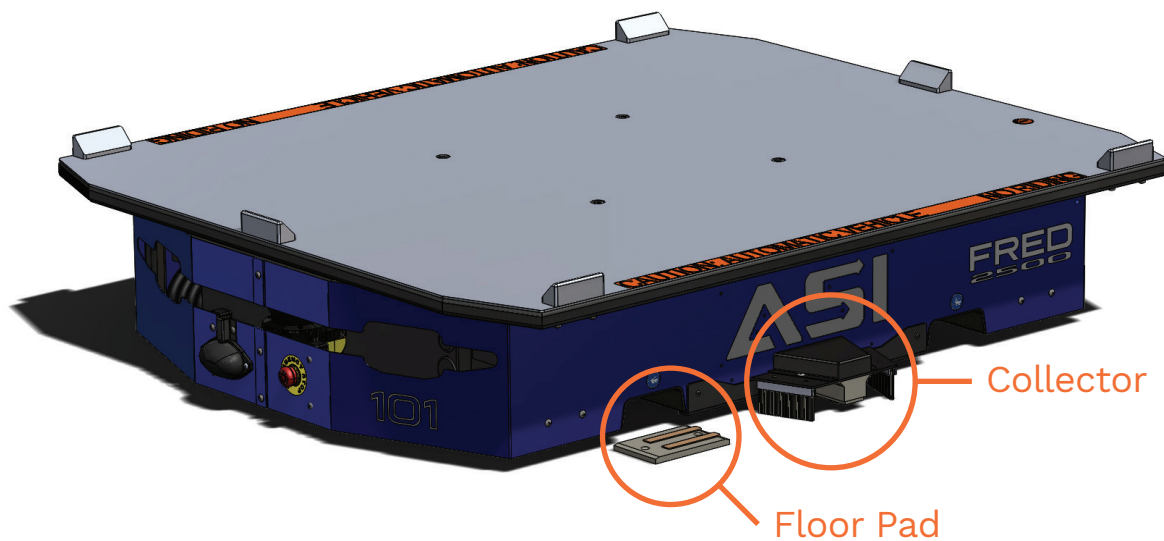
FRED2500 OPTION

PURPOSE

Contact charging allows FRED to automatically charge whenever it is stopped at the contact charger location.

WHAT'S INCLUDED

Contact charging includes a collector mounted on the side of FRED, a floor pad and a plug in charger. The charger plugs into a 15A minimum AC power outlet. No power will flow to the contact pads until FRED connects and the charger detects a battery ready to be charged.



APPLICATION CONCEPTS

Contact charging is ideal in a 3-shift operation. The contact charging location should be selected so FRED spends the majority of its idle time on the charger. You may also want to use contact charging to insure FRED is automatically charged for a 1 or 2 shift operation. In this case you want to insure FRED stops at the charging location for the full length of any un-used shift. It is possible to install multiple charging locations in case you are not able to insure FRED stopping at one location.

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IR COMMUNICATION

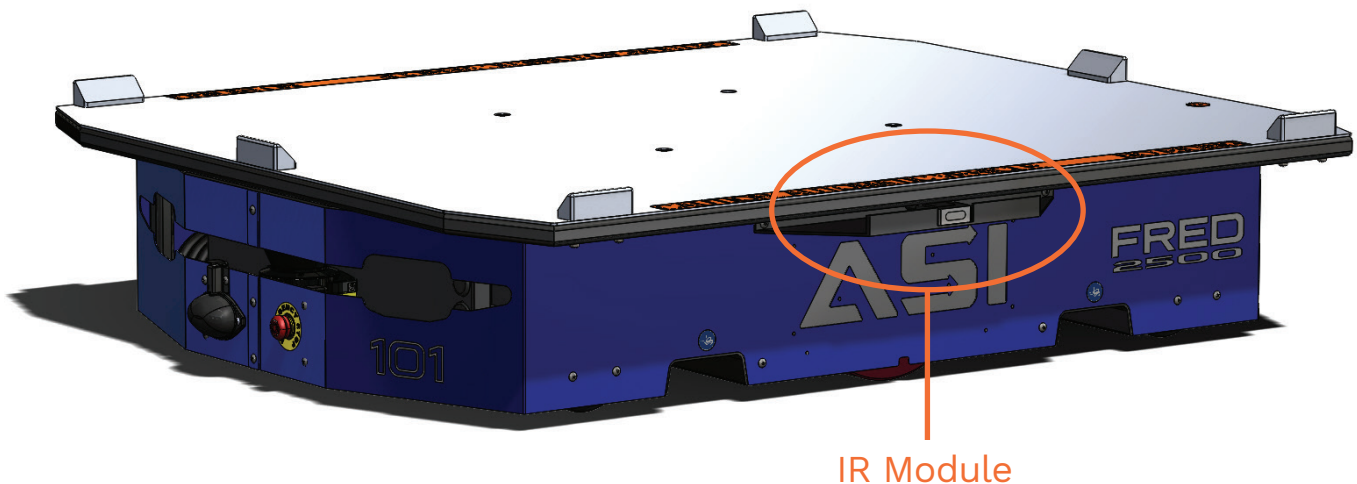
FRED2500 OPTION

PURPOSE

The IR communication option allows FRED to be triggered from a signal generated electronically.

WHAT'S INCLUDED

One IR module is mounted on FRED and the other is mounted such that it is within 1m and has a line of sight view of the module mounted to FRED.



APPLICATION CONCEPTS

IR communication is ideal for automating assembly lines. This option allows FRED to interface with a computer or PLC. Through this interface, FRED can be commanded to move to the next location without the need for a person to press a go button.

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