



## ROBOT DRESS-OUTS Frequently Asked Questions:

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*Who can benefit from our products and services?*

Anyone who is experiencing chronic problems with robot cables and hoses, anyone having general cable issues, and anyone requiring cables, connectors, and custom cable assemblies.

*How long does it take to install a dresspack?*

Typically, it takes 3-6 hours to dress out a full-size, automotive spot-welding robot. This depends largely on whether or not the cables are hardwired into the robot, or if they require connectors to be attached.

*Does Electricomm Technologies install the dresspack?*

Yes, we can do the installation, or we can supervise/assist your maintenance team. We also offer dress-out training, which is particularly cost-effective for a customer wishing to dress multiple robots.

*What is the typical lead-time for a dresspack?*

It usually takes about 3-4 weeks to get all the components, such as cables, connectors, and custom brackets.

*What exactly is “Plug & Play?”*

Plug & Play incorporates an air and water line manifold, and can also include a connector disconnect plate mounted near axis 3 of the robot, so that when it comes time to change the dresspack, it is not necessary to re-dress the entire robot.

*What can I expect for product support?*

We stock all the common components of a typical dresspack such as conduit & accessories, high-flex weld cable, and polyurethane hoses. We offer technical support via telephone or email, at no charge, and do our best to respond to our customers' needs immediately, should any issues arise.

*How many different dresspack configurations are available?*

Every Electricomm dresspack is custom-built, as required for each application; however, we can provide a more generic dresspack in multiples, which only need cables and hoses trimmed to length for those customers who require multiple units for similar robots or for emergency stock.

*Is there any maintenance required, after the dresspack is installed?*

The dresspack should be periodically inspected for wear, so that minor issues do not become major ones. As the conduit starts to break in, it will usually settle slightly, and new abrasion points may occur as a result. The addition of abrasion balls to these points will protect the conduit from further wear.

*Is every dress-out the same?*

No. We use different products from a variety of suppliers, which allows us to provide simple or complex solutions, as required for each application. Where required, however, we can standardize packages around robot and application types.

*Can you design a solution to fit my budget?*

Certainly. We will work with our customers to target the chronic issues. Not every robot needs conduit protection; sometimes a couple of strategically placed brackets are enough to prevent the cables/hoses from getting caught up on robot arm, end-of-arm tooling or fixture.

*Can you dress out small robots as well?*

Yes. We provide solutions for virtually all makes, shapes, and sizes of robots with external cables and/or hoses. On the smaller applications, we pay close attention to the payload capacity, so as not to overburden the servo motors.

*How long will it last?*

There are a lot of factors that determine the life expectancy of a dresspack. Naturally, a dresspack subjected to severe conditions will not last as long as one which sees no abuse. Also, a properly maintained dresspack will by far outlast a neglected one. Under mild to moderate conditions, it should last several years; extreme conditions, anywhere from 6 to 18 months. Consider not how much it costs to replace, but how much you save between changes.

*What if something in the dresspack is defective?*

If any of the materials are defective, we will honor the manufacturer's warranty, and replace the component(s) free of charge. If there is a problem due to faulty workmanship, we will repair the dresspack free of charge.

*What can you guarantee, once the unit is installed?*

We can guarantee that we have used the best materials available to us, and we have done our best to solve the chronic issues with your robot(s). We guarantee that we will stand behind our products 100%. We guarantee that we will be there for you, should you need us.