Power Focus 4000-G-DN- HW : Controller for electrical assembly tools

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Request information

Atlas Copco Tools and Assembly Systems LLC
800 859 3746
Send an email

QUICK LINKS

Brochures and catalogues

The Power Focus 4000 range controls tools from the Tensor DS, S, ST, STB, STR and ETX families. With its built-in functions, it also participates in controlling the station or line segment. The Power Focus and associated software packages provide easy-to-understand information for everyone, from operators to plant managers. The Power Focus is based on standard hardware and software components which, when combined, will fulfill all demands, from the most basic stand-alone installation to full integration into the factory network. The modules fit together using the “plug-and-play” concept. Assembly process control and quality assurance is made easy by advanced control functions. On receipt of assembly information, the Power Focus automatically selects the correct tightening sequence and parameters. The operator is guided through the process, avoiding mistakes that can result in costly quality problems. Power Focus is a modular range of controllers, with full flexibility, designed for applications ranging from single spindle hand-held operations to fixtured multiple nutrunnning systems. Advanced process control and monitoring functions make it easy to view and collect data using the Internet infrastructure.

Features & benefits

Supports software key (RBU, rapid backup unit) Silver, Gold and X to run an electrical assembly tool simplifying functionality upgrade. This eliminates the need to replace hardware reducing capital expenditures.

DeviceNet support for robust industrial communication

External USB port for simple and fast communication to programming software ToolsTalk PF

Graph version gives you full stand-alone programming possibilities featuring a color display and a full keyboard. When networked, the Graph can function as a programming terminal for other Power Focus units besides excellent operator feedback with diverse visualization options.

Spare parts lists, Dimensional drawings, Exploded Views, Service Instructions, etc.

Below you find links to Atlas Copco ServAid application, where you find spare parts list and product instructions and a link to the Dimensional Drawing archive where you can find 2D and 3D drawings in PDF, DXF and IGS format.

Spare part lists with exploded view

Product Instructions

Dimensional drawings

Download your tool test certificate

A test certificate tells you that the tool has been tested and passed our requirements in the factory. This includes functional testing as well as accuracy testing.

Download certificate

Atlas Copco Service

The Leader in tool maintenance for industry Atlas Copco service is a proven cost-saver in your production. The savings you can expect from running a service program depend on the type of production you have in your plant. Many factors are taken into consideration, including: Line assembly, work at fixed stations, frequency of tool use, tool types, applications, and work environment.

Repair Service

With today's high demands on minimizing downtime for our customers, we focus on specialized workshops that can handle quick repairs and complete overhauls in the most cost-efficient way. To do that we keep a large inventory of spare parts in stock, and we have upgraded with factory fixtures and test equipment to increase our efficiency. With all this, plus certified mechanics dedicated to specific tool models, we've minimized lead times and improved the quality of each repair. After service all tools are rigorously tested to Atlas Copco specifications.

Read more about Repair Service

Calibration Service

With our network of calibration laboratories we can offer a complete package of calibration services to help you control quality for all assembly tools and measurement equipment in your production.

Read more about Calibration services.

Preventive Maintenance

Like other machines, Atlas Copco industrial power tools need regular maintenance in order to fulfill their full potential in terms of performance and reliability. Different agreements are available, tailored to your needs. We offer maintenance both on-site or off-site, or a combination.

Read more about Preventive Maintenance

Full Coverage Service

Our Full Coverage option keeps your power tools in top operating condition and gives you a fixed budget for all tool maintenance. Other services can be added. To develop the optimum service program for your specific manufacturing operation, take advantage of our unique ToolScan RCM process.

Full Coverage includes: Read more about Full Coverage service

- Repair, including parts
- Calibration
- Preventive maintenance program
- On-site/off-site options
- Other services can be added

Outsourcing solutions

We have extensive experience of outsourcing solutions and currently have more than 75 on-site workshops. These are examples of the areas we cover: Read

- Preventive maintenance, repair and calibration of all brands and types of tools.
- Installation and start-up support.
- Service management system, including developing Key Performance Indicators.
- Line and process support.
- Back-up tool/equipment and spare parts management.
- Other customer requests.

more about Outsourcing Solutions

Service packages for new equipment

Investing in new tools to upgrade an existing production line? Or perhaps you’re designing, installing and commissioning an entirely new line. In either case Atlas Copco’s specialists are there every step of the way to help you focus on quality and efficiency. With your production up and running our service programs will help keep you online with minimum interruptions.

Product views

Accessories

Power cable
L = 2.5 m. For BR.
4222 1810 23

Power cable
L = 2.5 m. For CN, HK.
4222 1809 23

Power cable
L = 2.5 m. For AR, AU.
4222 1807 23

Power cable
L = 2.5 m. For IT.
4222 1806 23

Power cable
L = 2.5 m. For CH.
4222 1805 23

Power cable
L = 2.5 m. For IN, ZA.
4222 1804 23

Power cable
L = 2.5 m. For GB, IE, IQ, MY, SG.
4222 1803 23

Power cable
L = 2.5 m. For CA, JP, MX, PH, TH, US.
4222 1802 23

Power cable
L = 2.5 m. For AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GR, HR, HU, ID, IR, KR, LT, LV, NL, NO, PL, PT, RO, RU, SE, SI, SK, TR.
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