GTG40 F085-18: Angle turbine grinder

8423 2900 10

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Brochures and catalogues

Product information | Service | Photos & Video | Related products | Safety instructions | Eco Design

GTG 40 is probably the most powerful hand-held grinder on the market. Thanks to the one-step turbine motor a truly dazzling performance is achieved. Yet this 4.5 kW grinder weighs less than 4.5 kg.

Features & benefits

- Superior power (4.5 kW)
- Highly efficient turbine motor
- Overspeed shut-off for increased safety
- Speed governor for optimal performance
- Silencer for noise reduction
- Auto Balancer for reduced vibrations
- Adjustable wheel guard

Technical data

Units: Metric Imperial

Technical Specifications	
Model type	Angle
Max output	4.5 kW
Motor type	Turbine
Max Free Speed	8500 r/min
Weight	3.8 kg
Height over spindle	99 mm
Air consumption at max output	60 l/s
Air consumption at free speed	20 l/s
Rec hose size	16 mm
Air inlet thread BSP	1/2 inch
Sound standard	ISO15744
Sound pressure	84 dB(A)
Sound power	95 dB(A)
Sound uncertainty	3 dB(A)
Vibration standard	ISO28927-1
Vibration value	3.5 m/s²
Vibration uncertainty	0.8 m/s²
Height	128 mm
Lubrication free	Yes

Max working pressure	7 bar
Height	0.13 m

Included accessories with this product

Face spanner
30 mm
4080 0201 00

Flange washer compl.
Wheel type 27/42
4175 0194 90

Hose kit
TURBO16, 5/8", L = 0.5 m
8202 1181 85

Allen key
8 mm
0462 3500 49

Flange washer compl.
Wheel type 41
4175 0193 90

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

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

Atlas Copco ToolScan

Atlas Copco ToolScan™ report informs you of the status of your air tools and air supply at each workstation. The service is carried out by a highly experienced certified technician and covers the following areas: A report informing you of the status of your air supply and tools, including recommendations for improvements.

- AirScan of the air supply at each workstation.
- Status and performance check of the tools
- Other services can be added.

You can then, together with your team, decide the next step without a binding agreement.
Read more about Atlas Copco ToolScan™

Energy Efficiency Audit

A huge amount of energy is wasted due to leaks in compressed air systems. Capacity losses of up to 20% are common in many installations. During an Energy Efficiency Audit Atlas Copco checks the static and dynamic pressure for your air tools on the line. The pressure drop is measured and documented and a visual inspection of the air installation is performed. Based on the information acquired, using the Energy Efficiency Calculator, Atlas Copco recommends the correct installation in terms of air line accessories and various other aspects.

Read more about Energy efficiency Audit

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:

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

Read more about Full Coverage service

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

Product views

Accessories

Productivity kit
MAXI F/R C-T16
8202 0850 05

Friction plate
For Australia
4175 0200 90

Insert bit
Torx T25
4023 2220 26

Screwdriver

Flange washer compl.

Insert bit

1/4" fem. hex. 4080 0853 00	Wheel types 27/42, T9-13 mm 4175 0114 92	Torx T10 4023 1321 00

Safety Information

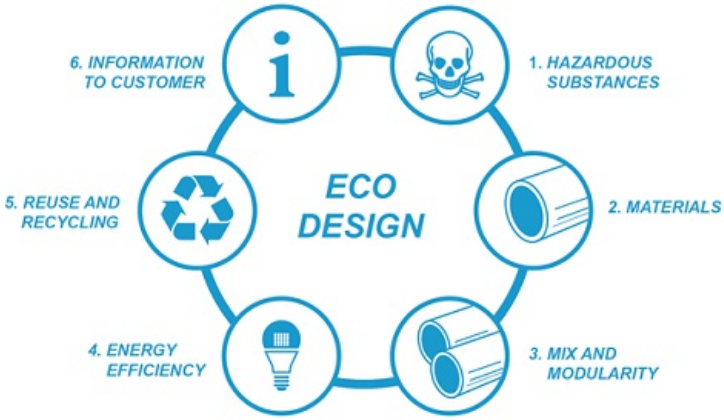
To operate tools safely, always read and follow all Safety Information and Product Instructions. All locally legislated safety rules regarding installation, operation and maintenance must be respected at all times.

Safety Information
Product Instructions

Eco Design and environmental aspects of product development is nothing new to us. Atlas Copco has a history of developing modular tools with a deep respect for materials and natural resources used in the products. We always strive to maximize the functionality of the product and at the same time minimize the energy consumption to make sure the environmental impact is as low as possible. By developing accurate tools we make sure the customer never has to waste time or energy to re-do an operation. For battery tools we also have the option to connect multiple tools to one controller and thereby decrease the standby energy consumption considerably.

Eco Design is all about minimizing a product's environmental impact during its entire life-cycle, including extraction of raw materials, manufacturing, customer usage and recycling while maximizing the productivity.

Our approach to Eco Design



Within Industrial Technique we approach Eco Design from six different areas. These form the core of the Eco Design review performed in each product development project. This procedure helps define Eco Design targets early in the project.

1. **HAZARDOUS SUBSTANCES**
   We avoid hazardous substances and materials listed on the Atlas Copco Restricted & Prohibited list.
2. **MATERIALS**
   We use materials and structural features to minimize the product’s weight and invest in strong, durable materials to protect the product.
3. **MIX AND MODULARITY**
   We avoid mixing materials since blends inhibit recycling and consider fastening methods to facilitate disassembly.

4. **ENERGY**
   We consider how the final product will be used in order to minimize energy and resource consumption in the use phase, in production and during transportation.
5. **REUSE AND RECYCLING**
   We design with recycling in mind. We promote repair and upgrading, especially for long lasting and system-dependent products. To increase the customer's awareness regarding the importance of recycling, we are now including Recycling Instructions in the Product Information (PI).
6. **INFORMATION CUSTOMER**
   We prepare for upgrading, maintenance and recycling, through labelling, modularization and information in the product information.

This is how we do Sustainable Productivity in practice!