

AWEX carton-stripper

PRODUCT WORLD 2026



Less manual work

Achieve more

Remove die-cut waste in seconds

AWEX-T3

compact
powerful
for your stack



The original from the inventor

Produced in-house since 1984 · Made in Germany



AWEX website

More time for the next production step

AWEX carton-stripper mechanically remove outer die-cut waste from stacks of die-cut sheets. The chain strips the segmented waste edge while the blanks remain stacked for further converting.

For printers, packaging manufacturers and cardboard processing: less manual work when removing external die-cut waste, more time for the following production steps.

01 Faster to the next step

Spend less time manually stripping outer die-cut waste and more time on the next converting stage.

02 Lower costs per job

Labour time saved can reduce your processing costs. The potential savings depend on your application.

03 Keep the stack aligned

The die-cut blanks retain their alignment in the stack, supporting the next converting stage.

Your AWEX product world

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A family business since 1984

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Request advice

For packaging and printing professionals

Folding cartons · Carton packaging · Corrugated board · Displays and POS · Packaging print · Die-cutting and finishing

Remove external die-cut waste mechanically



The continuous toothed chain removes the prepared outer waste edge from the stack in sections. The chrome-plated guard protects the die-cut blanks and helps guide the tool down the stack.

1 Prepare

The outer waste edge must be divided into sections by relief cuts, as shown in the schematic. These cuts can be incorporated into the respective cutting dies.

2 Strip

The rotating hardened toothed chain removes outer die-cut waste section by section directly from the stack.

3 Process

The die-cut blanks retain their alignment during stripping, supporting the next converting stage.

WATCH THE VIDEO. SEE HOW FAST IT WORKS

The video shows earlier models. The speed shown is also achievable with current tools; depending on the model and application, higher speeds may be possible. A new video is planned.

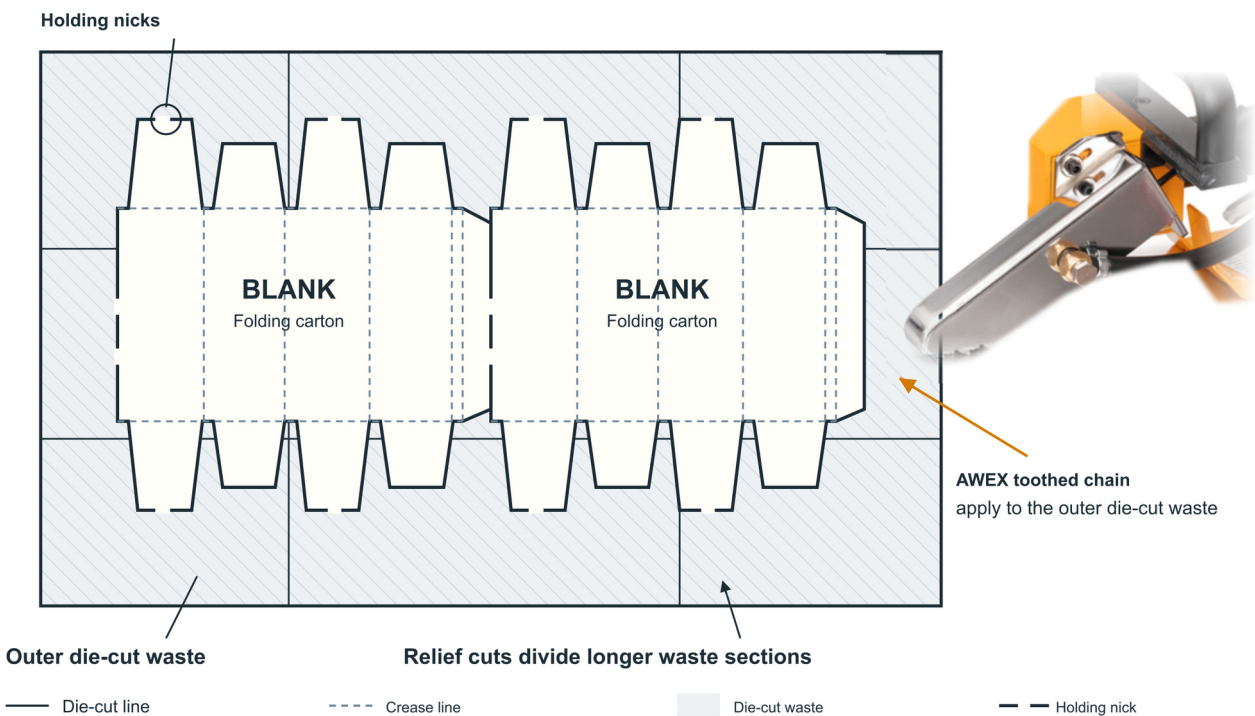


Matched to your material and waste edge

Our AWEX tools remove outer die-cut waste from paper, cartonboard, solid board, corrugated board and microflute, as well as suitable corrugated plastic sheets (corrugated polypropylene, fluted PP sheets or twin-wall polypropylene sheets). The material, die-cutting and waste width determine the appropriate toothed chain and tool version. Laminated sheets can also be processed. In our experience, materials with a grammage of around 100 g/m² or more can be processed. Suitability depends on the material, die-cutting and the width of the die-cut waste.

OPERATING PRINCIPLE

Die-cut sheet with two folding carton blanks



The stack makes the difference

The outer waste edge must be divided into sections by relief cuts, as shown in the schematic. These cuts can be incorporated into the respective cutting dies. Reducing the number of holding nicks to the necessary minimum can significantly speed up waste stripping.

Compressed air supply and maintenance

6.3 bar (91.4 psi) · The professional Atlas Copco air motor is robust and requires little maintenance. An upstream compressed air filter-regulator-lubricator unit is essential: it removes water from the compressed air and then supplies oil to the motor. Inadequate lubrication can cause the motor vanes to break within a short time.

Minimum waste edge: board / microflute 8 mm · corrugated board 20 mm

Three models six suitable versions

All models remove outer die-cut waste. The appropriate version depends on the material and waste edge. See the product details for dimensions, stripping chain, chain guard and other differences.



AWEX-8AC



AWEX-T3



AWEX-T4

Technical specifications	AWEX-8AC	AWEX-8AC 2hand	AWEX-T3	AWEX-T3 2hand	AWEX-T4	AWEX-T4 2hand
Power output	500 W	500 W	500 W	500 W	650 W	650 W
Air consumption	14 l/s	14 l/s	14 l/s	14 l/s	17 l/s	17 l/s
Weight	3.16 kg	3.73 kg	4.0 kg	4.55 kg	4.7 kg	5.3 kg
Chain width	8 mm	8 mm	20 mm	20 mm	20 mm	20 mm
Guard width	15.5 mm	15.5 mm	30 mm	30 mm	30 mm	30 mm
Dimensions (L × W × H)	38 × 15 × 20 cm	43 × 15.5 × 20 cm	38 × 15 × 20 cm	43 × 15.5 × 20 cm	47 × 15 × 20 cm	48 × 15.5 × 20 cm

Which version is right for you?

Use the 8AC specifically for narrow waste areas. Consider T3 or T4 for normal, larger or thicker outer waste. Version with two-handed operation

AWEX-8AC

The specialist for narrow waste areas

AWEX-8AC is designed for particularly narrow waste sections deeper in the stack. Its hardened type 8 toothed chain is 8 mm wide, and the chain guard is about 15.5 mm wide. This slim design is specifically intended for these narrow waste sections.



500 W

Atlas Copco · Motor

3.16 kg

Weight

8 mm

Chain width

Designed for your working day

Designed for narrow areas

Its hardened type 8 toothed chain is 8 mm wide, and the chain guard is about 15.5 mm wide.

Work deeper in the stack

An 8 mm wide toothed chain and narrow chain guard reach narrow waste sections deeper in the stack.

Choose the right model

Use the 8AC specifically for narrow waste areas. Consider T3 or T4 for normal, larger or thicker outer waste.

TECHNICAL SPECIFICATIONS

Motor	Atlas Copco
Power output	500 W
Operating pressure	6.3 bar (91.4 psi)
Air consumption	14 l/s (840 l/min)
Weight	3.16 kg
Chain width	8 mm
Guard width	15.5 mm
Dimensions (L × W × H)	38 × 15 × 20 cm

Version with two-handed operation

Both operating levers must be pressed for the tool to run. Releasing either lever stops the tool.

AWEX-8AC 2hand

Narrow design with two-hand control

The same narrow stripping chain and chain guard as the 8AC, with two-handed operation. An 8 mm wide toothed chain and narrow chain guard reach narrow waste sections deeper in the stack.



500 W

Atlas Copco · Motor

3.73 kg

Weight

8 mm

Chain width

Designed for your working day

Designed for narrow areas

Its hardened type 8 toothed chain is 8 mm wide, and the chain guard is about 15.5 mm wide.

Work deeper in the stack

An 8 mm wide toothed chain and narrow chain guard reach narrow waste sections deeper in the stack.

Choose the right model

Use the 8AC specifically for narrow waste areas. Consider T3 or T4 for normal, larger or thicker outer waste.

TECHNICAL SPECIFICATIONS

Motor	Atlas Copco
Power output	500 W
Operating pressure	6.3 bar (91.4 psi)
Air consumption	14 l/s (840 l/min)
Weight	3.73 kg
Chain width	8 mm
Guard width	15.5 mm
Dimensions (L × W × H)	43 × 15.5 × 20 cm

Guide with both hands - release either lever to stop

Both operating levers must be pressed for the tool to run. Releasing either lever stops the tool.

AWEX-T3

Compact power

AWEX-T3 is suitable for regular waste sections as well as somewhat larger and thicker sections requiring more pressure. Its compact 500 W pneumatic drive and 20 mm wide toothed chain also cover the former applications of AWEX-T2.



500 W

Atlas Copco · Motor

4.0 kg

Weight

20 mm

Chain width

Designed for your working day

Application and suitable materials

For cartonboard, microflute, corrugated board and corrugated polypropylene sheet. Laminated sheets can also be processed.

Keep the stack aligned

The die-cut blanks retain their alignment in the stack, supporting the next converting stage.

Choose the chain for your material

For predominantly corrugated board applications, AWEX-T3 and AWEX-T4 can be supplied with the special type T2W toothed chain instead of the standard type T2 chain.

TECHNICAL SPECIFICATIONS

Motor	Atlas Copco
Power output	500 W
Operating pressure	6.3 bar (91.4 psi)
Air consumption	14 l/s (840 l/min)
Weight	4.0 kg
Chain width	20 mm
Guard width	30 mm
Dimensions (L × W × H)	38 × 15 × 20 cm

Version with two-handed operation

Both operating levers must be pressed for the tool to run. Releasing either lever stops the tool.

AWEX-T3 2hand

Compact power with two-hand control

The compact T3 version with two-handed operation.



500 W

Atlas Copco · Motor

4.55 kg

Weight

20 mm

Chain width

Designed for your working day

Application and suitable materials

For cartonboard, microflute, corrugated board and corrugated polypropylene sheet. Laminated sheets can also be processed.

Keep the stack aligned

The die-cut blanks retain their alignment in the stack, supporting the next converting stage.

Choose the chain for your material

For predominantly corrugated board applications, AWEX-T3 and AWEX-T4 can be supplied with the special type T2W toothed chain instead of the standard type T2 chain.

TECHNICAL SPECIFICATIONS

Motor	Atlas Copco
Power output	500 W
Operating pressure	6.3 bar (91.4 psi)
Air consumption	14 l/s (840 l/min)
Weight	4.55 kg
Chain width	20 mm
Guard width	30 mm
Dimensions (L × W × H)	43 × 15.5 × 20 cm

Guide with both hands - release either lever to stop

Both operating levers must be pressed for the tool to run. Releasing either lever stops the tool.

AWEX-T4

The high-performance premium model

AWEX-T4 is our most powerful model, with a 650 W pneumatic motor. It is suitable for regular, larger and thicker waste sections requiring particularly high pressure, and also covers the applications of AWEX-T3 and AWEX-T2. The toothed chain is 20 mm wide.



650 W

Atlas Copco · Motor

4.7 kg

Weight

20 mm

Chain width

Designed for your working day

Application and suitable materials

For cartonboard, microflute, corrugated board and corrugated polypropylene sheet. Laminated sheets can also be processed.

Keep the stack aligned

The die-cut blanks retain their alignment in the stack, supporting the next converting stage.

Choose the chain for your material

For predominantly corrugated board applications, AWEX-T3 and AWEX-T4 can be supplied with the special type T2W toothed chain instead of the standard type T2 chain.

TECHNICAL SPECIFICATIONS

Motor	Atlas Copco
Power output	650 W
Operating pressure	6.3 bar (91.4 psi)
Air consumption	17 l/s (1 020 l/min)
Weight	4.7 kg
Chain width	20 mm
Guard width	30 mm
Dimensions (L × W × H)	47 × 15 × 20 cm

Version with two-handed operation

Both operating levers must be pressed for the tool to run. Releasing either lever stops the tool.

AWEX-T4 2hand

650 watts with two-hand control

The powerful T4 version with two-handed operation.



650 W

Atlas Copco · Motor

5.3 kg

Weight

20 mm

Chain width

Designed for your working day

Application and suitable materials

For cartonboard, microflute, corrugated board and corrugated polypropylene sheet. Laminated sheets can also be processed.

Keep the stack aligned

The die-cut blanks retain their alignment in the stack, supporting the next converting stage.

Choose the chain for your material

For predominantly corrugated board applications, AWEX-T3 and AWEX-T4 can be supplied with the special type T2W toothed chain instead of the standard type T2 chain.

TECHNICAL SPECIFICATIONS

Motor	Atlas Copco
Power output	650 W
Operating pressure	6.3 bar (91.4 psi)
Air consumption	17 l/s (1 020 l/min)
Weight	5.3 kg
Chain width	20 mm
Guard width	30 mm
Dimensions (L × W × H)	48 × 15.5 × 20 cm

Guide with both hands - release either lever to stop

Both operating levers must be pressed for the tool to run. Releasing either lever stops the tool.

Standard spring balancer

Your AWEX in balance

The spring balancer carries the entire weight of the AWEX carton-stripper. It makes lifting after stripping easier and, when correctly adjusted, keeps the tool balanced at the desired working height.



4-8 kg

Load capacity

max. 3 m

Cable extension

3.9 kg

Balancer weight

Purpose and application

Guide the AWEX carton-stripper down the stack while the balancer carries its weight. After stripping, the tool is easier to lift again. It remains balanced and ready at the height set for your workplace.

Adjustment and version

The customer adjusts the balancer using the supplied hex key; a cordless screwdriver can assist with adjustment. The cordless screwdriver is not included. Follow the relevant operating instructions.

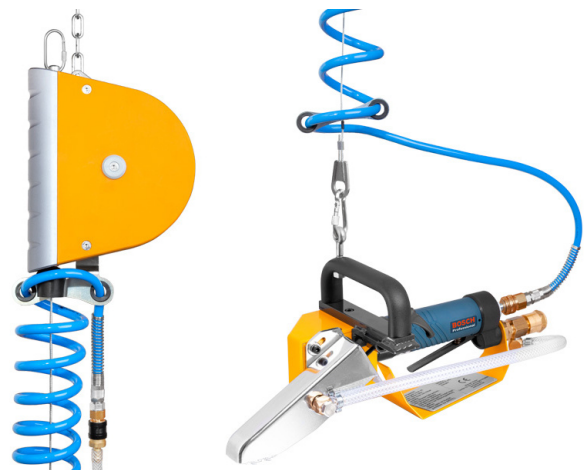
The Standard version in detail

The Standard version provides weight support without the additional guide for a coiled air hose. Operating instructions are included. Please tell us your tool model and intended working height so that we can discuss the appropriate balancer and adjustment with you.

Premium spring balancer

Control weight and air supply

The spring balancer carries the entire weight of the AWEX carton-stripper. It makes lifting after stripping easier and, when correctly adjusted, keeps the tool balanced at the desired working height.



4-8 kg

Load capacity

max. 3 m

Cable extension

4.9 kg

Balancer weight

Purpose and application

Guide the AWEX carton-stripper down the stack while the balancer carries its weight. After stripping, the tool is easier to lift again. It remains balanced and ready at the height set for your workplace.

Adjustment and version

The customer adjusts the balancer using the supplied hex key; a cordless screwdriver can assist with adjustment. The cordless screwdriver is not included. Follow the relevant operating instructions.

The Premium version also guides the hose

The Premium version additionally includes a guide for the coiled air hose and swivel connections with a plug nipple and an NW7 quick coupling. It therefore assists with managing the air supply hose as well as supporting the tool's weight. Follow the relevant operating instructions.

Standard chain repair kit

Repair toothed chains effectively

The repair kit allows you to repair damaged toothed chains yourself. It contains the appropriate riveting tools, spare parts and repair instructions. All included parts can also be ordered individually.



The following parts list shows the version for type T2 toothed chains. The repair kit is also available for type T2W and type 8. Please specify the chain type when enquiring so that we can confirm the appropriate contents.

62 parts

Repair kit contents

3 types

For T2, T2W and type 8

Individual

All parts available

Purpose and application

Damaged toothed chains do not always need complete replacement. Use the specified tools and spare parts for suitable repairs, following the supplied instructions.

Additional tools required

A bench vice, an engineer's hammer and a grinding machine or angle grinder are additionally required to remove the rivet heads on one side of the toothed chain. These tools are not included in the repair kit. Carry out the work according to the supplied repair instructions.

Included items · T2

- 1 × Wooden box
- 1 × Repair instructions
- 1 × Anvil
- 1 × Rivet forming tool, lower part
- 1 × Rivet removal tool, lower part
- 1 × Rivet forming tool, upper part
- 1 × Rivet punch
- 20 × Type T2 rivet
- 15 × Type T2 centre chain link
- 5 × Type T2 left chain link
- 5 × Type T2 right chain link
- 2 × Spare countersunk screw
- 2 × Spare socket head cap screw
- 2 × Spare Schnorr safety washer
- 2 × Spare washer for socket head cap screw
- 1 × Spare spring pin set
- 1 × Spare retaining ring for chain sprocket

Premium chain repair kit

Repair toothed chains effectively

The repair kit allows you to repair damaged toothed chains yourself. It contains the appropriate riveting tools, spare parts and repair instructions. All included parts can also be ordered individually.



The following parts list shows the version for type T2 toothed chains. The repair kit is also available for type T2W and type 8. Please specify the chain type when enquiring so that we can confirm the appropriate contents.

97 parts

Repair kit contents

3 types

For T2, T2W and type 8

Individual

All parts available

Purpose and application

Damaged toothed chains do not always need complete replacement. Use the specified tools and spare parts for suitable repairs, following the supplied instructions.

Additional tools required

A bench vice, an engineer's hammer and a grinding machine or angle grinder are additionally required to remove the rivet heads on one side of the toothed chain. These tools are not included in the repair kit. Carry out the work according to the supplied repair instructions.

Included items · T2

- 1 × Wooden box
- 1 × Repair instructions
- 1 × Anvil
- 1 × Rivet forming tool, lower part
- 1 × Rivet removal tool, lower part
- 1 × Rivet forming tool, upper part
- 1 × Rivet punch
- 30 × Type T2 rivet
- 20 × Type T2 centre chain link
- 8 × Type T2 left chain link
- 8 × Type T2 right chain link
- 4 × Spare countersunk screw
- 4 × Spare socket head cap screw
- 4 × Spare Schnorr safety washer
- 4 × Spare washer for socket head cap screw
- 1 × Spare spring pin set
- 1 × Spare retaining ring for chain sprocket
- 1 × Type T2 toothed chain
- 1 × Spare hollow bolt for air blow hose
- 2 × Spare sealing washer for hollow bolt
- 1 × Spare aluminium sealing ring for hollow bolt
- 1 × Spare ball bearing set for chain guide

Air preparation unit

The basis for your pneumatic motor

The compressed air filter-regulator-lubricator unit is essential for operating our pneumatic AWEX carton-stripper. It sets the operating pressure, separates water from the compressed air and adds a fine oil mist to lubricate the motor.



Pressure

adjust

Water

separate

Oil

add to the air supply

Three tasks, one system

The compressed air filter-regulator-lubricator unit is essential for operating our pneumatic AWEX carton-stripper. It sets the operating pressure, separates water from the compressed air and adds a fine oil mist to lubricate the motor.

Why lubrication matters

Without adequate lubrication, the motor vanes can run dry and break within a short time, causing the tool to stop. Damaged motor vanes can be replaced. Please contact us about the appropriate repair.

Included items

Water separator · Lubricator · Pressure gauge ·
Pressure regulator · Mounting bracket · Hose tails ·
Hose clamps · Aluminium sealing rings

Matched to your workplace

Please tell us your tool model and existing compressed air supply so that we can discuss the connection and appropriate version.

Keep your AWEX working

We repair AWEX tools manufactured by us and help with spare parts, maintenance and possible upgrades, including older tools.

From individual part to assembly

Send the model, fault description, and photos of the nameplate and components to info@awex.de.

For older machines too

AWEX-T2 and AWEX-T2D are no longer available. We continue to offer repairs and spare parts. Many tools can be supported for decades; options for your model are assessed individually.

The right contact

You can contact your dealer or AWEX directly.

If you contact us directly, we first forward your enquiry to the responsible AWEX dealer in your country of origin.

If the dealer does not respond within seven days, you can contact AWEX directly again.

Other brands / colours:
Contact the relevant distributor first.

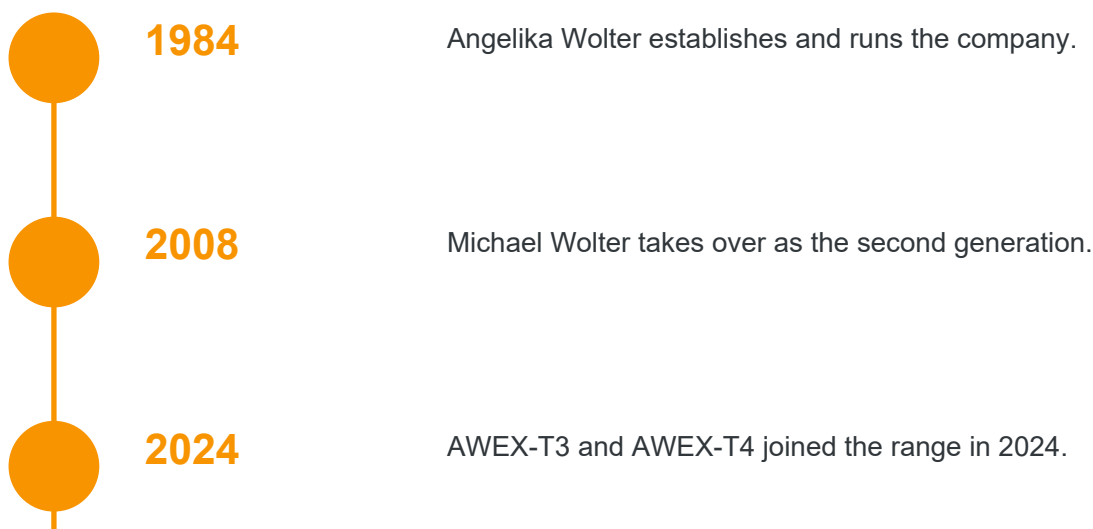
Retrofit older tools with two-handed operation

Proven tools can be upgraded: for example, we can convert a standard pneumatic AWEX-T2 into an AWEX-T2 2hand with two-handed operation. We assess individually whether and how your older pneumatic AWEX tool can be converted to two-handed operation. Send us the model designation and, if possible, photos of the tool and its nameplate.

The original from the inventor

Family-owned since 1984

The invention of the handheld AWEX carton-stripper with a rotating toothed chain by mechanical engineer Helmut Wolter laid the foundations for AWEX. Since the company was founded in 1984, we have developed and manufactured tools that greatly speed up the removal of outer die-cut waste. Today, Michael Wolter runs the family business in its second generation.



Made in Germany

We and specialist companies in our region produce most components and carry out laser cutting, milling, turning, welding, hardening, chrome plating and painting. Purchased components originate in the EU. We manufacture our tools in-house with specialist companies in our region. The air motors are supplied by Atlas Copco.

Regional manufacturing and long service life

Many of our components have remained the same over the decades. This enables a long-term supply of spare parts and forms the basis for repairing older devices or upgrading them with current components. We also assess suitable repair or conversion options for earlier generations individually. Please provide the model designation and tool details.

Made in Germany

Our own manufacturing · Regional partners · Repairable machines

Well prepared for the right solution

Which version is right for you?

Tell us or your dealer what materials you process and what you manufacture, such as cartons, folding cartons or displays. Photos, grammage in g/m² and, where available, your company website normally suffice; samples are not required.

Can I switch between 8 mm and 20 mm chains?

On-site conversion from the narrow 8 mm toothed chain to the wider 20 mm chain, or vice versa, is not technically possible. Replacing chains of the same width and any more extensive modification are separate matters; please ask us about the appropriate solution for your tool.

Are tools ready to use on delivery?

The tool is supplied ready for connection with a quick-release coupling for a hose with a 9 mm internal diameter. Chain replacement tools and an operating manual in German or English, including a spare parts list, are included. AWEX-T3 and AWEX-T4 are supplied with a safety quick-release coupling.

How do I keep the motor ready for use?

The professional Atlas Copco air motor is robust and requires little maintenance. An upstream compressed air filter-regulator-lubricator unit is essential: it removes water from the compressed air and then supplies oil to the motor. Inadequate lubrication can cause the motor vanes to break within a short time.

Must I register a repair shipment beforehand?

Arrange every return by email first and wait for a reply. Pack the machine securely; enclose your company and contact details and a description of the fault.

Where can I find dealers and documents?

AWEX is represented through an international dealer network. Find your contact in our dealer directory. Each tool is supplied with a German or English manual. Also available as PDF on request.

Have a question or would you like a quotation?

Send your company name, full postal address, contact person, email and phone number. Add your application or preferred model and your VAT ID, if available.



Let's make your converting process more efficient

What material do you process?

Tell us about your application. We advise you on the right AWEX carton-stripper, accessories, spare parts and service.

Michael Wolter

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