



# ACMOS PRODUCTS Ready-to-use for the Woodworking Industry

TABLE LUBRICANTS

## WAXILIT 22-74

**Pack Size (kg):** 1 | 5 | 20 | 160  
**Form:** Liquid  
**How to use:** Automatic/Manual  
**Application:** Moulding - Profiling - Cutting - Sawing - Planning

**Lubricant for profile and moulding woodworking machines with with automatic feeders & where wood slides over metal**

- Provides an excellent non-sticking lubricating effect
- Reduces sliding friction, prevents sticking, improves material feed
- Silicone-free; does not leave a residue that affects post treatment
- Prevents blockage of pumps, pipes and nozzles
- Can be used with a variety of wood types, including particularly resinous woods
- Biodegradable in accordance with OECD\* 301F



## WAXILIT 22-2411

**Pack Size (kg):** Aerosol (400ml)  
**Form:** Liquid  
**How to use:** Manual  
**Application:** Moulding - Profiling - Cutting - Sawing - Planning

**Lubricant spray suitable for woodworking machines to reduce friction and prevent resin deposits**

- For support surfaces on saws, planers, automatic machines, milling machines, feed surfaces on moulders
- For sliding rails, roller shutters, sliding doors, assembly tables, drawers. For planer knives, cutters and saw blades
- Silicone-free; does not leave a residue that affects post treatment
- Can be used where lubrication points are not easily accessible



## WAXILIT 22-60

**Pack Size (kg):** 1 | 5 | 20 | 160  
**Form:** Liquid  
**How to use:** Automatic/Manual  
**Application:** Moulding - Profiling - Cutting - Sawing - Planning

**Lubricant for profile and moulding woodworking machines with with automatic feeders & where wood slides over metal**

- Provides an excellent non-sticking lubricating effect
- Reduces sliding friction, prevents sticking, improves material feed
- Formulated for use with wet, fresh, or coarse wood
- Silicone-free; does not leave a residue that affects post treatment
- Prevents blockage of pumps, pipes and nozzles
- For use on free-standing frame saws and other woodworking machinery

## WAXILIT 22-30P

**Pack Size (kg):** 1 | 5 | 20  
**Form:** Paste  
**How to use:** Manual  
**Application:** Moulding - Profiling - Cutting - Sawing - Planning

**Lubricant paste suitable for use on contact surfaces on woodworking machines where wood slides over metal**

- Provides an excellent non-sticking lubricating effect
- Reduces sliding friction, prevents sticking, improves material feed
- Prevents glue squeeze out from sticking
- Silicone-free; does not leave a residue that affects post treatment
- For use on slide rails, hinges, drawers, saw blades, cutters and veneer jointing machines operating with an adhesive paper tape
- Used on older machines that are not equipped with an automatic lubrication system



*Apply with a brush or cloth*

## ACMOS 100-5030

**Pack Size (kg):** 1 | 5 | 20 | 190  
**Form:** Liquid  
**How to use:** Automatic/Manual  
**Application:** Edge banding

**Release Agent for spraying systems on edge band machines to prevent the adhesion of glue residues**

- Produces a thin & barely visible separating film which prevents the adhesion of hot melt residues on surfaces & tooling
- Delivers a proper release without leaving behind any residues that needs further cleaning – one product is enough
- Simplifies and replaces several other agents used in the edge banding spray systems
- Nonflammable & nonhazardous
- Promotes high quality finishes, prevents marks and friction from occurring on the edge/foil



*Can be applied at the various points of application, depending on the configuration of the edge bander spray system*

RELEASE AGENTS





# ACMOS PRODUCTS Ready-to-use for the Woodworking Industry

## ACMOS 100-2450

**Pack Size (kg):** Aerosol (400ml)  
**Form:** Liquid  
**How to use:** Spray  
**Application:** **Edge banding – Pressing - Gluing**

**Universal Glue Release Agent Spray that prevents the adherence for nearly all glues and adhesives**

- Particularly suitable for edge banding machines
- Acts against: PVAc, dextrin, dispersion, gluten glues, phenolic, melamine, and similar resins
- Will eliminate glue sticking on clean surfaces, such as a glue pot
- Can be applied to hard-to reach areas and moving parts
- Can be used in conjunction with various woodworking applications



*Spray*

## ACMOS 100-81S

**Pack Size (kg):** Aerosol (400ml)  
**Form:** Liquid  
**How to use:** Spray/Manual  
**Application:** **Edge banding – Pressing - Gluing**

**Release Agent to combat phenolic resin adhesives on edge-banding and other gluing machines**

- Forms a soft, plastic film, which can be removed with any commercially available solvent
- Intended for use on edge-banding machines and other gluing machines to prevent the adherence of phenolic resin adhesives to coating rollers, conveyor belts, etc.
- Effective on metal, wood, rubber, and plastic



*Apply with a spray gun or brush*

## ACMOS 1124B

**Pack Size (kg):** 1 | 5 | 20 | 180  
**Form:** Liquid/Gel  
**How to use:** Spray/Manual  
**Application:** **Pressing – Gluing – Veneering**

**Release Agent for pressing operations that use PVAc, Urea formaldehyde, melamine resins, and pMDI binders**

- Developed to meet the requirements of various glues and top-quality surfaces, wood, and veneers; light-colored woods are not attacked
- Designed to prohibit adhesive residues from bonding to press machinery & equipment; glue residues can easily be removed
- Prevents wood surfaces from adhering to the press plates
- Suitable for all pressing temperatures even above 120°C
- Can also be used on anodized heating plates/press plates



*Apply as thinly as possible with a spray gun/system, cloth, brush, or drawbar*

## ACMOS 101-5001

**Pack Size (kg):** 1 | 5 | 20  
**Form:** Gel  
**How to use:** Manual/Spray  
**Application:** **Pressing – Gluing – Veneering**

**Release Agent for pressing wood surfaces with the use of PVAc white glues (D2, D3, D4)**

- Protects the surfaces of press plates from glue build up
- Surfaces do not adhere to the press plates and glue residues can easily be removed
- Suitable on cold press plates; apply the evening before to dry
- Suitable for all pressing temperatures even above 120°C



*Apply as thinly as possible with a cloth, brush, spray bottle or drawbar*

## ACMOS 101-5060

**Pack Size (kg):** 1 | 5 | 20 | 180  
**Form:** Liquid  
**How to use:** Spray/Manual  
**Application:** **Pressing – Gluing – Edge banding**

**Release agent for single parts in the furniture and shopfitting industry**

- Very effective against white glue, casein glue, animal glues, and melamine resin glue
- Glue residues are loosened, leaving a flawless surface
- Can be used on screw and hydraulic presses
- Can be applied to already adhered casein glue residues



*Apply as thinly as possible on press plates with a cloth, brush, or spraying*

RELEASE AGENTS





# ACMOS PRODUCTS Ready-to-use for the Woodworking Industry

## ACMOS 103-30/20/50

Pack Size (kg): 1 | 5 | 20 | 170  
Form: Paste/Liquid  
How to use: Spray/Manual  
Application: **Finger Jointing – Gluing – Pressing – Cleaner**

*Apply with a brush or spray gun*

### Release Agent to combat PUR adhesives in glued wood construction, engineered wood, membrane pressing, etc.

- Acts against resorcin resin glues, urea resin glues, and PUR adhesives
- Can be applied to all surfaces of the machinery getting into contact with glue – fences, guiding plates, conveyor belts, press sections, etc.
- Provides shorter cleaning times, longer service life of the conveyor belts
- Excellent separating effect; glue residues can easily be scraped off

## ACMOS 100-424

Pack Size (kg): 1 | 5 | 20 | 170  
Form: Liquid  
How to use: Spray  
Application: **Plywood – Internal Release Agent**

*Apply thinly with a spray gun on hot press plates*

### Release Agent for the manufacture of plywood, also with phenolic resin as binder

- Very effective separation, even with urea, melamine or dispersion glues
- Suitable as an internal release agent when melamine impregnating resins are used

## ACMOS 100-21

Pack Size (kg): 1 | 5 | 20 | 180  
Form: Liquid  
How to use: Spray/Manual  
Application: **Plywood – Gluing – Pressing**

*Apply with a brush or spray gun*

### Release Agent to combat urea resin, melamine resin and white glues as well as phenolic resins

- High wear-resistance, stability at high temperatures and lubricating effect
- Also suitable for curtain coating machines or as a release agent for treatment of the back of press plates
- Can be used in core strip gluing machines

## ACMOS 81-400

Pack Size (kg): 1 | 5 | 20 | 170  
Form: Liquid  
How to use: Spray/Manual  
Application: **Plywood – Pressing – Gluing**

*Apply with a spray gun, cloth or brush*

### Release Agent to combat phenolic resins

- Start up grease for cleaned or new aluminum press plates
- Reliable release agent for the coating of particle boards, plywood, etc. with phenolic or similar resin films
- Excellent release, effectively protects the metal surfaces of the press plates
- Suitable to produce compressed wood or moldings

## ACMOS 81-400WE

Pack Size (kg): 1 | 5 | 20 | 180  
Form: Liquid  
How to use: Spray  
Application: **Plywood – Pressing – Cleaner**

*Can be sprayed on hot press plates and cold plates*

### Release Agent for production of coated boards (phenolic and similar resins), decorative boards, plywood, etc.

- Excellent release agent for phenolic and similar resins, also in glue machines for planks
- This emulsified form of a release agent is particularly suitable for spraying on hot press plates; dissolves white glue residue
- Highly stable at high and low temperatures

RELEASE AGENTS





# ACMOS PRODUCTS Ready-to-use for the Woodworking Industry

## ACMOS 81-474

Pack Size (kg): 20 | 180  
Form: Liquid/Paste  
How to use: Spray  
Application: Plywood

Release Agent for the manufacture of phenol resin coated surfaces (and similar resins)

- Can be applied on cold or hot platens and molds
- Can be applied onto resin films, if considered more appropriate

Apply with a spray gun / system

## ACMOS 88-56

Pack Size (kg): 1 | 5 | 20 | 160  
Form: Liquid  
How to use: Automatic/Manual  
Application: Plywood –  
Decorative films -  
HPL

Release Agent for processing decorative foil and high-pressure laminates

- Combat resin deposits on press plates (melamine and similar resins)
- Good release effect, high gloss
- Protects the surfaces of the press plates
- Has a particularly strong effect on resin deposits

Apply thinly to a clean press plates with a spray gun / system

## ACMOS 71-100TS

Pack Size (kg): 1 | 5 | 20 | 180  
Form: Liquid  
How to use: Automatic/Manual  
Application: Paint Spray Booths

Release Agent for paint booths and splashboards to remove accumulated dirt and overspray

- The good release effect permits easy removal of paint and varnish residues, even if these have accumulated over a long time
- Once applied, operation can begin, the performance is viscous and will stay on the areas applied
- Good adhesion also on vertical surfaces; doesn't run, even at higher temperatures
- Easy clean up - residues removed by a scraper or can be peeled off

Apply with a spray gun or brush



## ACMOSIT 65-62

Pack Size (kg): 1 | 5 | 20 | 220  
Form: Liquid  
How to use: Automatic  
Application: Grinding

Special Grinding Coolant concentrate for grinding carbide materials

- Very effective for grinding carbide materials and on all standard steels and cast iron
- Excellent anti-corrosion properties providing longer coolant life
- Reduces odor and increases lubricity
- Entirely synthetic, free of amines, chlorines, and nitrites
- Prevents absorption of cobalt ions in grinding solutions
- Low-foaming even where the cooling lubricant is under high pressure, and it has a good rinsing effect.

Start with 3% of concentrate in water for the grinding of high-grade steel and steel



## ACMOSOL 130-102

Pack Size (kg): 5 | 20  
Form: Liquid  
How to use: Manual  
Application: Cleaner - Edge banding - Pressing - Gluing

Cleaner for hot-melt adhesive tanks on edge-banding and other gluing machines

- It's easy-to-use; dissolves hot melt adhesives residues from the interior of gluepots
- Has a high flash point, can be used without problems
- Classified non-hazardous, non-flammable

Pour cleaner into the glue-pot



RELEASE AGENTS

GRINDING COOLANT

CLEANERS







# ACMOS PRODUCTS Ready-to-use for the Woodworking Industry

CLEANERS

## ACMOSOL 131-10

Pack Size (kg): 5 | 20  
Form: Liquid  
How to use: Manual  
Application: **Cleaner – Pressing - Gluing**

### Cleaner for glue-spreading machines (urea, PVAc, melamine or similar resins)

- Makes it easy to clean glue-spreading machines, collecting tanks and stirring mechanisms
- By adding the cleaner, the glue resin is emulsified and loses its adhesive effect
- Dilute with water in a ratio of 1:10 to 1:15



*1 liter of this emulsion is applied to each pair of rollers; 130 cm wide machine*

## ACMOSOL 133-1

Pack Size (kg): 5 | 20  
Form: Liquid  
How to use: Manual  
Application: **Cleaner - Plywood**

### Cleaner for removing deposits that form on press plates (especially in processing melamine resin sheets)

- Can only be applied to cold plates
- Has no effect on the degree of glossiness of pressing plates
- Recommended that the cleaner is applied when even the slightest deposit or discoloration of the plates is observed, because the cleaning process is easiest at this stage



*Apply cleaner and let it take effect; remove with a cloth and rinse*

## ACMOSOL 130-625

Pack Size (kg): 5 | 20  
Form: Liquid  
How to use: Manual  
Application: **Cleaner**

### Cleaner for tools in woodworking

- An active ingredient mixture to clean saw blades and all usual tools used in the wood industry and of which resins, glues and PUR-residues must be removed
- A fast dissolving of tree resin residues is also ensured
- Aluminum supporting bodies are not attacked (product contains a corrosion protection)
- Product should not encounter machine paint because a paint attack cannot be excluded

*Soak or brush – rinse afterwards*

## ACMOSITAL

Pack Size (kg): 5 | 20  
Form: Liquid  
How to use: Manual  
Application: **Cleaner**

### Resin solvent for all woodworking tools

- Is a lye-free, product for cleaning saw blades and all tools normally used in the wood industry
- Rapid dissolution of tree resin residues is guaranteed
- Not suitable for aluminum supports
- Can be diluted with water in a ratio of 1 : 5



*Soak or brush saw blades and tools in product – rinse afterwards*

## ACMOSOL

Pack Size (kg): 5 | 20  
Form: Liquid  
How to use: Manual  
Application: **Cleaner**

### Cleaning agent for plastic surfaces

- Good cleaning effect (fat, dirt, pencil and bullet pen marks), water dilutable
- Nonflammable



*Apply with a sponge (viscose), wipe clean surfaces with a damp cloth*





## ***BENEFITS OF ACMOS PRODUCTS***

- **Ready-to-Use and Proven:** ACMOS release agents are ready for immediate application and have undergone extensive testing to ensure consistent and reliable performance.
- **Industry Endorsement:** Developed with valuable input from leading machine manufacturers and adhesive producers, ACMOS release agents are recommended and specified by experts in the field.
- **Global Accessibility:** These release agents are available internationally through an extensive network of partners and distribution channels, making them readily accessible to woodworking professionals worldwide.
- **Silicone-Free Formulations:** ACMOS release agents are silicone-free, eliminating any concerns about compatibility with post-treatment processes and ensuring a smooth workflow.
- **Environmentally Friendly:** With nonflammable and nonhazardous formulations, ACMOS release agents prioritize environmental compatibility, contributing to safer and more sustainable woodworking practices.
- **Water Dilutable:** Being water-dilutable makes ACMOS release agents easy to handle, apply, and clean up after use, further enhancing their convenience.
- **Enhanced Production Efficiency:** ACMOS release agents guarantee a smooth production process by preventing wood from sticking to molds and surfaces, resulting in higher efficiency and product quality.
- **Reduced Downtime:** By minimizing the need for cleaning and addressing production stoppages, these release agents reduce downtime and increase overall productivity.
- **Machinery and Tool Preservation:** ACMOS release agents help extend the lifespan of woodworking machinery and tools, reducing maintenance costs and ensuring long-term reliability.
- **Versatile Solutions:** These release agents are versatile, suitable for various adhesive types and woodworking applications, offering flexibility for different project requirements.
- **Reduced Product Consumption:** ACMOS release agents are designed for economical usage, optimizing resource efficiency and cost-effectiveness in woodworking operations.

## ***YOUR SUCCESS IS OUR PRIORITY***

*ACMOS stands as a premier manufacturer of industrial release agents and process chemicals, headquartered in Bremen, Germany. We provide our valued customers with a comprehensive portfolio of both solvent- and water-based products, tailored to suit a wide array of industrial processes.*

*Our unwavering commitment revolves around our customers' triumphs, which serve as our guiding principle when crafting new product solutions. To accomplish this, we harness the expertise of highly-qualified professionals in research and development, applications engineering, technical support, and sales.*

*Supported by our cutting-edge production facilities, we offer an extensive spectrum of formulation possibilities, including the creation of tailor-made solutions. These solutions are not confined to a single region but are available globally, ensuring that we cater to your specific needs no matter where you are.*



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