

**ACM**  
**ATM**

## AIR TREATMENT & REMOTE CONTROL MODULES



ACM Air Control Module



ATM Air Treatment Module

### DESCRIPTION

The E. H. Wachs Air Control Module (ACM) provides remote operation capability for Wachs pneumatic split frame machines. Offered in two CE Compliant models, Wachs ACM joins our ATM (Air Treatment Module) to protect and extend the life of the pneumatic air motors used for the DynaPrep MDSF, the SDSF Small Diameter and legacy LCSF Split Frames, plus air driven EP 424, SDB and FF series end prep machine tools.

In addition to delivering the regulated, clean, dry and oiled air supply that industrial air motors require, Wachs ACM offers convenience and safety benefits. Its included air hose and remote control pendant allow operators to cut and bevel pipe up to 16 feet (4.9 m) away. This feature can significantly reduce user fatigue while moving the operator from the workpiece, an important consideration in highly restricted or potentially hazardous work spaces.

### EASY OPERATION

Everything needed to quickly set up and start operating remotely is contained inside the case. The ACM operates solely on compressed air, and does not require any external power. Housed in a strong, watertight, lockable wheeled case with an extendable handle, the ACM is extremely portable, simple to set up and easy to use at any job site

The ACM is two products in one, an air treatment module that regulates and conditions the incoming air supply to protect valuable air motors, and a remote control capability that allows the operator the freedom to move away from the machine. This all in one capability makes the Wachs ACM a cost effective investment that will pay big dividends in drive motor longevity, operator comfort and safety.

### ACM & ATM MODELS

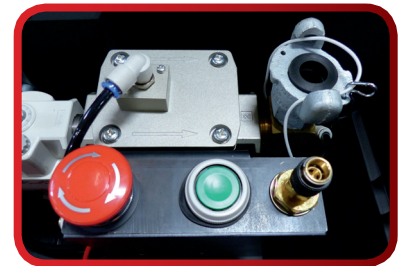
The ACM with Remote Trip Part# 69-4100-00 includes a DynaPrep MDSF specific remote control pneumatic trip mechanism that allows full control of the machining process, allowing the operator to control the air motor speed plus engage and disengage the tooling advance. ACM Part# 69-4101-00 is identical but does not include the MDSF remote trip mechanism.

Both ACM modules are fully CE compliant, and include a required air logic control where in the event of sudden or temporary air loss the ACM blocks accidental starting of the machine tool, requiring a manual reset before air is supplied again. Wachs ACMs are ideal for “no control handle” air motors.

The more economical choice is the Air Treatment Module (ATM) Part# 69-4102-01. It includes the same filters, regulators and oilers in the same case as the ACM, but dispenses with the CE air logic control and remote control pendant. Like the ACM, the ATM offers high air flow capacity for use with even the most air-hungry drive motors. It is used with “control handle” air motors.



Both ATM & ACM feature a strong, water tight case with wheels & extendable handle



ACM ergonomic fingertip control for all air functions with safety stop button



ATM Air treatment module includes the same filters, regulators and oilers as ACM

### ACM FEATURES

- All air design, with no other power source required
- Compact and self-contained, all controls and hoses fit in a strong, watertight case
- Lockable case with wheels and extendable handle for easy transport
- Lightweight, ergonomic remote control pendant for operator comfort and safety
- 6 foot (1.8 m) remote umbilical provides the operator unencumbered movement and positioning
- 10ft (3m) 3/4in (19mm) ID supply line with Chicago fittings for high flow, safety and durability
- Shut-off vents trapped system pressure
- Pressure regulator lockable at desired pressure, 116 psi (8 bar) maximum setting
- Dual unit pressure gauge for quick visual confirmation of supply pressure
- Emergency stop shuts off and dumps air motor supply (ACM only)
- Operator reset required following main pressure failure or emergency stop activation, preventing dangerous movement

### ACM SAFETY FEATURES

- Air supply isolation
- Pressure relief system
- Venting trapped pressure
- Emergency Stop
- Hands free operation
- CE Compliant Air Logic Control (ACM only)

### ACM STANDARD EQUIPMENT

- Integrated control module
- 6ft (1.8 m) remote control pendant line
- 10ft (3 m) 3/4in ID air hose with Chicago fittings
- Remote hand controller
- Heavy duty transport/storage case
- Operating Instructions

### OPTIONAL ACM EQUIPMENT

MDSF Pneumatic Powered Remote Trip

### SPECIFICATIONS

#### ACM SYSTEM FUNCTION:

- Provides remote operation capability for all E.H. Wachs pneumatic driven DynaPrep MDSF, SDSF and legacy model LCSF split frame machines used to cut and bevel pipe
- Provides operational capability for all E.H. Wachs pneumatic driven EP 424, SDB Small Diameter Bevelers and FF series Flange Facers
- Suitable for use with select air driven competitive machine tools, model specific

#### ATM SYSTEM FUNCTION:

- Compatible with all pneumatically powered E.H. Wachs machine tools and select air driven competitive brands (model specific)

#### AIR POWER REQUIREMENTS:

- DynaPrep MDSF Split Frame- 100 cfm; 90 - 232 psi compressed air supply
- SDSF Split Frame - 35 cfm; 90 - 232 psi compressed air supply
- LCSF Legacy Split Frame - 65 cfm; 90 - 232 psi compressed air supply

**CONNECTIONS:** 3/4in x 10ft (19mm x 3m) ID air hose with Chicago style fittings

**PACKAGING:** Heavy duty storage case, transport with extendable handle and wheels

**DIMENSIONS:** 24.5in L X 16.5in W X 16in H (622mm x 406mm x 419mm). Length with handle extended 36in (914mm)

**MATERIALS:** Rugged ultra-high impact copolymer resin case with steel handle

**WEIGHT:** 32.5 lbs (14.7 kg)

#### PART NUMBERS:

- ACM with MDSF Remote Trip CE Compliant 69-4100-00
- ACM without MDSF Remote Trip CE Compliant 69-4101-01
- ATM Air Treatment Module 69-4102-01



ACM moves the operator up to 16ft (4.8m) from the workpiece



Remote control handheld pendant controls air motor operation and speed



Pressure regulator lockable at desired pressure, 116 psi (8 bar) maximum setting

### CONTACT US FOR A DEMO OR QUOTE

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