

The Atlas Copco logo is positioned in the top right corner of the page. It consists of the brand name "Atlas Copco" in a white, italicized serif font, centered between two horizontal white bars. The background of the entire page is a photograph of a large, dark grey industrial compressor unit with a control panel on its front door. The control panel features a small digital display and a red emergency stop button. The unit is set against a background of a large window with a grid pattern, through which bright light is streaming, creating a warm, golden glow. In the foreground, a large, semi-transparent blue graphic element, shaped like a trapezoid, contains technical drawings and the main title of the advertisement.

Atlas Copco

Elektronik Mk5 Touch

Atlas Copco Upgrades

A New Generation of Compressor Controllers

The superior processing capability of the Elektronik™ Mk5 Touch enables a compressor of any age or type to benefit from the most advanced control algorithms and connectivity via SMARTLINK, resulting in improved system control and energy savings.

Compressor Controller

Atlas Copco Optimization

- Energy Efficiency Optimization
- Embedded Connectivity via Smartlink
- Increased machine protection
- Automation: week timers and automatic pressure band switch
- Easy-to-use navigation panel



Features

Benefits

Plug&Play Upgrade

The upgrade from an obsolete controller to MK5 Touch is easy to install and the cost of an upgrade will be, in most cases, less than repair or replacement of an older one.

Embedded Connectivity

Your machine will be ready to be connected to the cloud without any extra cost: you can immediately take advantage of Atlas Copco monitoring system SMARTLINK.

Energy Savings

Delayed Second Stop (DSS) function minimizes power consumption of compressor by only running it when necessary. It also minimizes the number of starts to insure a long motor life.

Variable Speed Drive machine Optimization

On VSD machines, it adjusts the compressor speed to the optimal level, to either produce more air when the pressure decreases, or to produce less air when the pressure rises.

Automation

Week timers can automatize the start/stop. And, thanks to the Dual Pressure Band, you can set time-based pressure change, to reduce consumptions during low loads of your plant.

Touch Screen

Compressor data are easy to understand, led icons visualization facilitate the navigation through the touch screen display. MK5 Touch is larger than most common controllers.

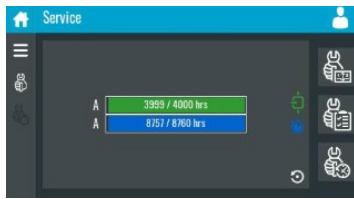
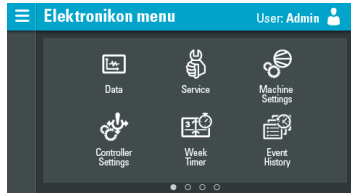
Maximum Machine Protection

It monitors critical parameters and stops the unit if a major event occurs. It sends notification when service is required, so that maintenance can be scheduled on time.

General

Description

Touch screen compressor controller of the latest generation



MK5 Touch user interface examples



SMARTLINK 2.0 platform examples

Features

Embedded online connectivity	✓
Narrow pressure control	✓
Dual pressure setpoint	✓
Registration running conditions	✓
Pre-warning indication	✓
Auto Restart After Voltage Failure	✓
Delayed Second Stop	✓
Internal temperature sensor to prevent components damage	✓
Motor direction phase sequence protection	✓
Basic control (sequencing) of multiple compressors	optional

Hardware

Display	TFT-LCD 4.3" touch screen
Temperature sensor to prevent components damage	✓
Ethernet-Bus, CAN-Bus slot, RS485-Bus, IO-Bus	✓
Type of protection	IP54 front
Certifications (ask your sales representative for the full list)	CE, cCSAus, FCC