

Complete Boiler Management

AUTOFLAME

Control more with software unlocks

Access codes unlock advanced features without the inconvenience of hardware changes or added modules:

- Autoflame water level management
- Analogue water level (requires Autoflame water level)
- ✓ TDS/Top blowdown
- ✓ Bottom blowdown
- Draught control
- Direct Modbus connectivity
- First out annunciation
- ✓ Fully metered, cross-limited control
- ✓ Steam flow & water flow metering

The Mk8 MM Controller is a Micro-Modulating system that offers comprehensive control over industrial and commercial boiler/burners.

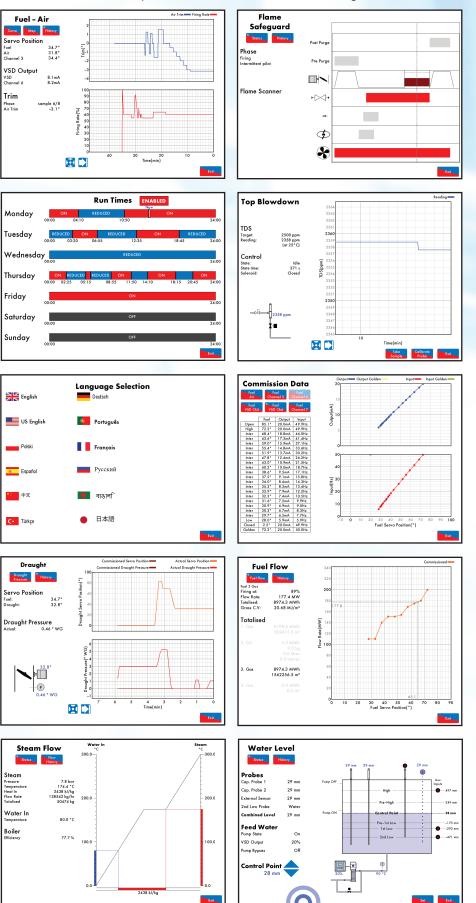
- Manage virtually all boiler processes from a single 12.1" multi-touch screen interface without any added modules.
- Ideal for steam and water boilers (watertube or firetube), kilns and steam generators. Designed for oil, natural gas or both fuels.
- Linkageless servomotor system and automated flame safeguard create conditions for unmanned boilerhouse.
- Modbus connectivity allows for remote monitoring and management.

Standard features	
Screen size	12.1″
Capacitive multi-touch screen	✓
Flame safeguard	✓
Air/fuel ratio control	✓
IBS/lead-lag sequencing	✓
Scheduling	✓
Commissioning	✓
VSD management	✓
Reporting/graphing	✓
FGR (Flue Gas Recirculation)	✓
Channels	5 servos 2 VSD
Lockout/error logging	Most recent 128 errors/ lockouts
Number of fuel curves	4
VPS gas valve proving (UL353)	\checkmark
Outside temperature	\checkmark
Login security	✓
Back up commissioning data via IR port	1
Boiler log entries	1,000
Dual fuel support	\checkmark
Air pressure monitoring & proving (UL 353)	~
Oil pressure monitoring	√
Fuel flow metering	✓
Golden start facility	✓
Commisioning points	20
Customizable graphics	✓
Dual IR and/or UV	✓
Multi-language display	✓
Metric or imperial units	✓
UL, CE, AGA approvals	✓
On-board technical manual	✓

Unlock with software access codes	
Autoflame water level management	✓
Analogue water level (requires Autoflame water level)	✓
Steam/heat flow metering	✓
TDS/Top blowdown	✓
Bottom blowdown	√
Draught control	1
Fully metered, cross-limited combustion control	1
Direct Modbus connectivity	✓
First out annunciation	1

Enabled with additional modules		
Indirect Modbus connectivity	Requires DTI	
O2 trim	Requires I/O module	
Three parameter (O2, CO2, & CO) trim	Requires EGA	
Emissions monitoring & reporting	Requires EGA	

Below is a small sample of the screens accessible through the Mk8 MM



AUTOFLAME

AUTOFLAME.COM

Touchscreen