

MMS SERIES : SINGLE / TWO NOZZLE RANGE FUEL DISPENSING UNITS

BUILDING TRUST SINCE 1949



The single / two nozzle range of MMS series units is designed for dispensing up to two products simultaneously.

This range is available in short/tall and island/lane variants, with flow rates ranging from 40LPM - 80LPM.

There is also an extensive range of optional extras that can be retrofitted onto the device as and when required.

KEY FEATURES

ELECTRONICS

Surface mounted components. Feature to sense and notify any attempts of unauthorised access. Electromechanical totaliser with 100ml least count.

DISPLAY

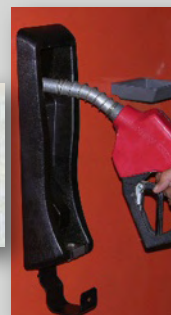
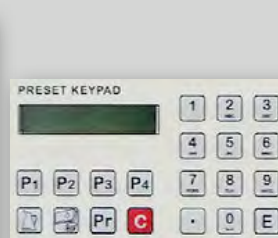
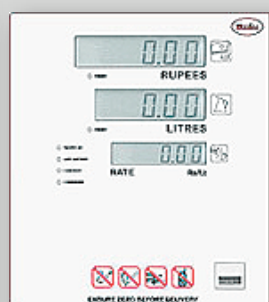
Large LCD Display, with LED panel backlighting for better visibility during day and night operation.

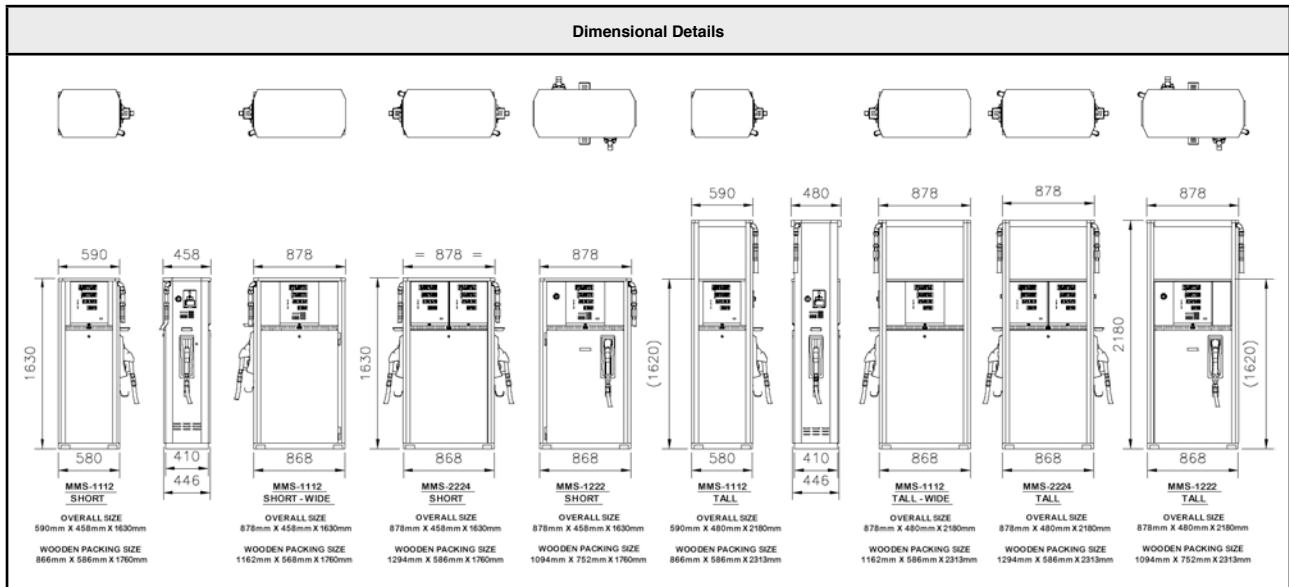
USER INTERFACE

User friendly rugged alphanumeric keypad. Emergency stop switch to stop pump in case of a hazardous situation. Ergonomically designed nylon boot with increased resistance to sparking and wear and tear.

OPTIONAL EXTRAS

Units come with a range of options like electronic calibration, provision for printers, larger foot prints to match outlet variants, density display, stainless steel panels, vapour ready units etc.





Technical Specifications

| | | | |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Meter | Positive displacement 2 piston meter with provision of electronic/mechanical calibration; measuring accuracy of 0.25%; maximum working pressure of 3.5kg/cm ² | Hose | Steel braided hardwall hose, 19mm x 4m [0.75" x 157"] for standard duty or 25mm x 4m [1" x 157"] for heavy duty |
| Display Counter (backlit LCD) | Amount – 7 digit of 38mm [1.5"] settable & floating decimal Volume – 6 digit of 38mm [1.5"] Rate – 4 / 6 digit of 25mm [1"] settable decimal | Flow rate | Standard duty 40 LPM and heavy duty 80 LPM |
| Pumping unit (suction model) | Internal gear rotary self-priming positive displacement type, with in-built adjustable by-pass valve, suction & discharge strainers, self contained air separation chamber | User interface | Input through a 20 key alphanumeric keypad 20 character, single/two line display 4 programmable keys for preset volume/amount |
| Motor (suction model) | Single/three-phase, 110/220 V, 50/60 Hz, flameproof, continuous duty, class F insulation, thermal protection provided | Operating environment | Temperature of - 10°C to + 50°C; relative humidity of 5% to 95% |
| Strainer (pressure model) | Aluminium cast body with re-usable type stainless steel filter (75 microns) | Communication Port | RS 485 serial type Proprietary protocol |
| Shear valve (pressure model) | 38mm [1.5"] in size, installed on fuel supply lines beneath dispensers | Self diagnostics | Error codes for all major error conditions related to pulser, calibration, data corruption are detected and displayed for quick diagnostics |
| Nozzle switch | ON/OFF contactless reed switch | Data security | 3 tier user/password hierarchy for access to system parameters |
| Totaliser (Irreversible) | Electromechanical – 7 digit Electronic – 10 digit | Packing | Wooden packing as per international standards to ensure safety of pump during transit |
| Pulser signal | 10ml (least count) | Approvals | CE-ATEX, OIML, Local safety and metrological approvals are available / can be obtained <i>*Specifications subject to change as per market requirements</i> |
| Nozzle | Automatic pressure/non-pressure sensitive of 19mm [0.75"] for standard duty or 25mm [1"] for heavy duty | | |

Optional Extras

| | | |
|------------------------------------------|--------------------------------------------------------|-------------------------------|
| Printer available over RS 232 port | Sealed lead acid maintenance free rechargeable battery | Hose protection ring |
| IFSF interface card | Stage II vapour recovery ready | Splash/drip guard for nozzle |
| 4 th display line for density | Stainless steel panels | Breakaway coupling |
| Rate – 6 digit | Sight flow indicator | Coloured hose and nozzle boot |



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