

MMS SERIES : SPECIAL RANGE

FUEL DISPENSING UNITS

BUILDING TRUST SINCE 1949



The Special range of MMS series units is designed for specific applications and include the Super Heavy Duty Suction units (SHD) and the Pre-mix units.

The Super Heavy Duty units can dispense up to 120LPM from each nozzle.

The Pre-mix units can deliver fuel with factory set percentage lube-mix ranging from 1% to 5%.

KEY FEATURES

These units come with all the unique features of our MMS range like high-end secure electronics, large LCD displays with LED backlighting, electro-mechanical totaliser, rugged nozzle boot and improved user interface. In addition pre-mix units have a provision for displaying the lube mix percentage.

ELECTRONICS

Extremely secure electronics based on SMD components, proprietary programming for electronic calibration. Capability to interface with a wide range of FCCs and 3rd party devices.

USER INTERFACE

Customer and user friendly features like large, bright displays, thermal printer receipts, alphanumeric keypad, ergonomically designed rugged nozzle boot.

MODEL SPECIFICS'

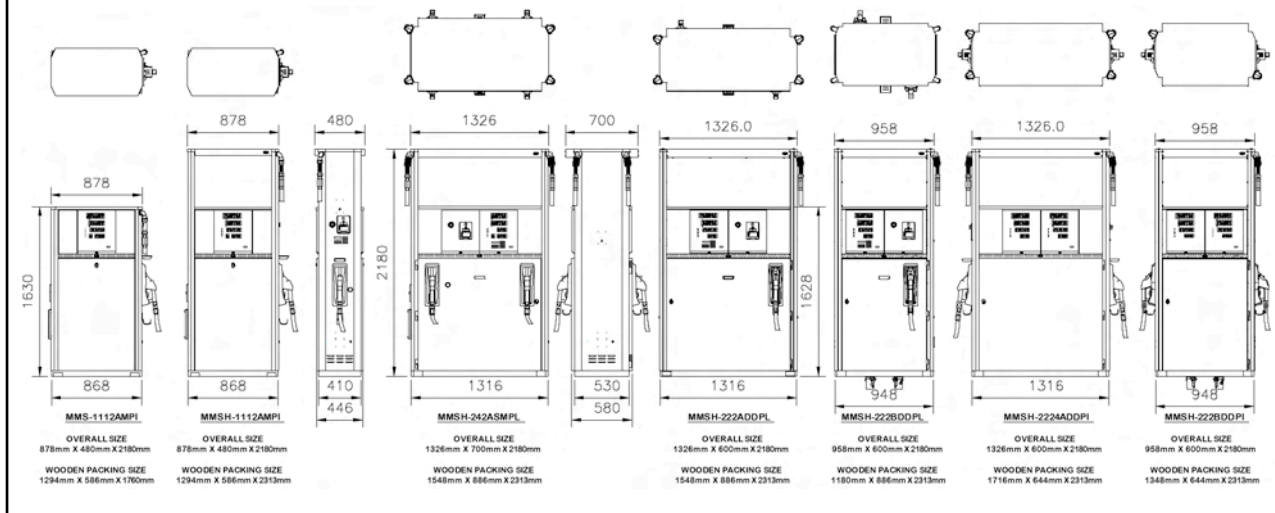
Fueling cut-off incase of lube not being dispensed and separate totaliser for Pre-mix units. Separate calibration for each meter and two stage cut-off at 5 litres and 250 ml prior to preset value for accurate delivers for Super Heavy Duty units.

OPTIONAL EXTRAS

Units come with a range of options like encrypted communication between components, density display, IFSF converter device, Stainless Steel panels, vapour ready, sight-flow indicators, interface with remote jumbo displays and handheld terminals.



Dimensional Details



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 Mix – 1 digit of 25mm [1"] (for pre-mix units)	Flow rate	Standard duty 40 LPM and super heavy duty 120 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	Splash/drip guard for nozzle
IFSF interface card	Stainless steel panels	Breakaway coupling
4 th display line for density	Sight flow indicator	Coloured hose and nozzle boot
Rate – 6 digit	Hose protection ring	



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