

EAST-MAN Tanker Truck Mobile Fuel Dispensing Unit

MDU-PTO-25



Key Features:

- ▶ Accuracy $\pm 0.1\%$
- ▶ Current Reading: 9999.9
- ▶ Repeatability 100%
- ▶ Accumulative Reading: 99999999
- ▶ PTO Drive Assembly Kit and Fittings
- ▶ Flow Rate: 1-80LPM
- ▶ Easy ON/OFF
- ▶ Mechanical In Built Calibration
- ▶ Lockable Sheet Metal Enclosure
- ▶ EAST-MAN Flow Meter Size 1" Inlet 1" Outlet
- ▶ EAST-MAN Internal Rotary Gear Pump
- ▶ Manual Hose Reel with 8m x 1" Hose
- ▶ Manual Nozzle 1" with Straight Swivel Joint
- ▶ Suction Filter Assy.
- ▶ In Built By-Pass Valve
- ▶ Air Separation

About the Product



EAST-MAN P.T.O. Operated Fuel Dispensing Unit is a self contained, demountable fuel dispensing unit which has been designed to meet the needs of fuel distributors who's customers require 'Metered' deliveries of fuel into plant equipment, building sites, mining sites, generators, boats, green houses etc. *EAST-MAN* P.T.O. Operated Fuel Dispensing Unit, when required, can quickly be quickly deployed for delivery.

Flow Meter, Nozzle & Hose Reel are fitted in a Lockable Box.

The Auxiliary Gearbox P.T.O. of the truck, provides torque for the 100 LPM Internal Rotary Gear Pump which pumps the fuel to the meter.

Product quantity is accurately measured by a Legal Metrology India approved *EAST-MAN* flow meter (IND/09/2004/01) which is fitted with an inlet strainer, air eliminator and NRV .

Product is dispensed through the standard 8m x 25mm delivery hose winded on the Manual Hose Reel which terminates with a 1" dispensing Manual nozzle and is stowed neatly in the Unit. The length of the Hose can be changed according to the customer's requirement.

EASTERN AUTOMOTIVE MACHINE TOOLS PVT. LTD.

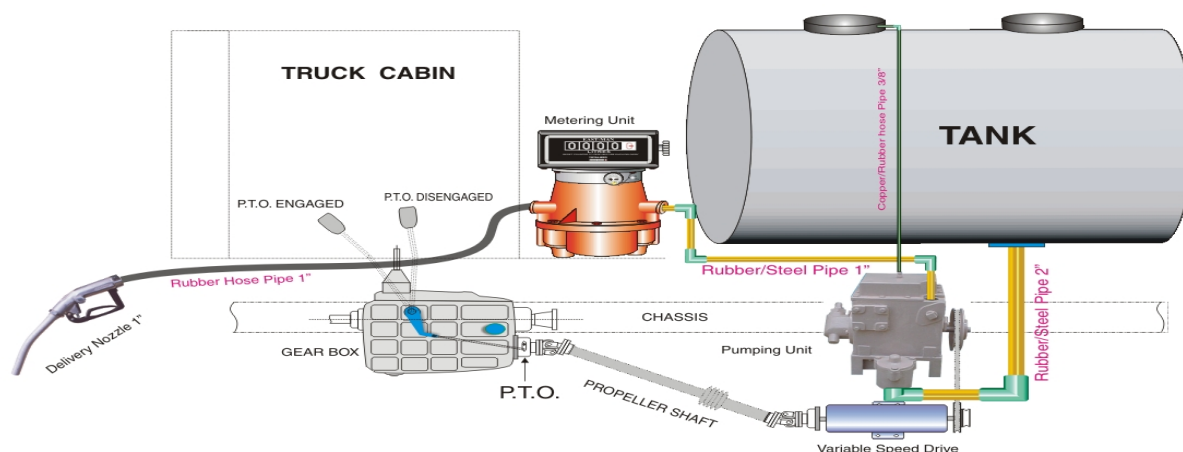
1243, M.I.E. Part-B, Bahadurgarh-124507 (Haryana) INDIA
Tel: +91-9416202456

Email: info@eastmanmeters.com
Web: www.eastmanmeters.com

The P.T.O. Operation Mechanism

EAST-MAN

P.T.O.(Power Take Off) Operating Mechanism



Eastern Automotive Machine Tools Pvt. Ltd.

13

EAST-MAN products to make a functional Diesel Bowser. PTO Driven Diesel Bowser is a self contained fuel dispensing unit which has been designed to meet the needs of fuel distributors who's customers require 'Metered' deliveries of fuel into plant equipment, building sites, generators, boats, green houses etc.

In this application, the tank truck (Diesel Bowser) must be pre fitted with P.T.O. (Power Take Off) system. This system is generally provided by the truck manufacturer to handle hydraulics or other power applications. If it is not fitted in the truck, then it is to be procured from the manufacturer or from the market in accordance of model or make of the truck. The supplied items are to be fitted by any skilled fabricator on the truck chassis in accordance with the enclosed sketch (PTO Mechanism).

Product quantity is accurately measured by a Legal Metrology India approved EAST-MAN flow meter (IND/09/2004/01). These Meters are designed to work in harsh environment with sustained accuracy at negligible maintenance.

Product is dispensed through the standard 8m x 25mm delivery hose wound on the Manual Hose Reel which terminates with a 1" dispensing Manual nozzle and is stowed neatly in the Unit. The length of the Hose can be changed according to the customer's requirement.

EASTERN AUTOMOTIVE MACHINE TOOLS PVT. LTD.

1243, M.I.E. Part-B, Bahadurgarh-124507 (Haryana) INDIA
Tel: +91-9416202456

Email: info@eastmanmeters.com
Web: www.eastmanmeters.com

For Continuous Development & Improvement, the Right is reserved to vary and modify any specification without any prior Notice.

Flow Meter

Product quantity is accurately measured by a Legal Metrology India approved *EAST-MAN* flow meter (IND/09/2004/01) which is fitted with an inlet strainer, air eliminator and NRV .



EAST-MAN Petroleum Metering Unit (Liquid Flow Meter) are positive displacement, reciprocating piston type Meters, designed for high sustained accuracy and continues volumetric measurement of any non corrosive liquid flowing through a pipeline. Especially suited to check the exact receipt, transfer, consumption, dispensing, mixing, packaging of oil/liquids. This unit is widely adaptable to other various types of services. It will not freeze or get air locked to and does not require more attention than any other ordinary type of meter or equipment.

Transfer Pump

EAST-MAN Internal Rotary Gear Pumps are the most advanced positive displacement and self priming pumps, designed for large suction capacity as well as high pressure discharge capacity, Especially suited for handling highly inflammable fuel oils, Solvents, Lube Oils, Hydraulic oil, Mineral Oil, Synthetic Oil, Animal Oil & other non-corrosive Oil/ Liquids.



EAST-MAN Internal Rotary Gear Pumps are well protected as they have in built by-pass valve, check valve, pressure relief valve, strainer, air separator and provision of dual outlet which also makes it very cost effective. Advanced manufacturing techniques, dimensional accuracy, rigid C.I. body, low noise high discharge capacity and foremost indigenously built makes *EAST-MAN* Internal Rotary Gear Pump exceptionally reliable.

Nozzle

Small, trim, light weight, easy and convenient to use. Accurate flow control allows customers to fuel their tanks to the exact quantity they want, and its easy to stop liquid flow manually. Manual Nozzles help in increasing Productivity, sales and profits.



EASTERN AUTOMOTIVE MACHINE TOOLS PVT. LTD.

1243, M.I.E. Part-B, Bahadurgarh-124507 (Haryana) INDIA
Tel: +91-9416202456

Email: info@eastmanmeters.com
Web: www.eastmanmeters.com

Technical Specifications

Model	MDU-PTO-25
Applicative Range	Diesel, Kerosene, Non-Corrosive Petroleum Liquid
Flow Rate	1-80 LPM
Accuracy	0.1%
Inlet	1"
Outlet	1" Manual Nozzle
Totaliser	00000000 (8 digit non-resettable)
Suction/Lift	Self-Priming
Pump	Internal Rotary Gear Pump with built in By-Pass Valve
Hose Reel	Manual
Strainer	Yes
Max. pressure	50 PSI
Max Temp	80 deg C
Meter	Reciprocating Type PD
Display	Mechanical
Calibration	Mechanical by Calibration Wheel
Hose	8m x 1" Standard (Changeable)
Least Count	100ml

EASTERN AUTOMOTIVE MACHINE TOOLS PVT. LTD.

1243, M.I.E. Part-B, Bahadurgarh-124507 (Haryana) INDIA
Tel: +91-9416202456

Email: info@eastmanmeters.com
Web: www.eastmanmeters.com

For Continuous Development & Improvement, the Right is reserved to vary and modify any specification without any prior Notice.