

## Technical Details and Feature of the Diesel Despenser

S. No	Item	Feature
1.	An electronic "head"	Contains an embedded computer to control the action of the pump, to drive the pump's displays and a mechanical section which (in a self-contained unit) has an electric motor, pumping unit, meters, pulsers and valves to physically pump and control the fuel flow with basic IC Card system which will include: 1. Issuing card System 2. Dispenser Card reader 3. Communication Box (Comm Box) 4. D-POS system: A POS for connecting the IC card dispenser to cloud 5. Capacity of 50 Fleet cards 6. 3G SIM card
2.	Card reading system	The system should be programable and allow for self-service access to card holders. (The customized cards are designed to track the consumption in a period of time, to allow instant reports and to allow fuel allocation per vehicle)
3.	Main switch	Pump on/off switch
4.	Electric power Supply	AC 230V±20% supply voltage and 50Hz.
5.	Explosion-Proof Motor Power	1,000 or 1,500W
6.	Pump	Belt driven gear pump with a volumetric flow rate of 81.4 liters per minute
7.	Automatic shut off nozzle	With free-flow handle clip
8.	Dispensing flow range	10 - 50 Liters per minute
9.	Dispensing Hose (Single)	Maximum Head of 5 Meters
10.	Internal Filters	No external filters
11.	Noise	≤ 70 dB (Class A)
12.	Inlet Vacuum	≥54kPa
13.	Outlet Vacuum	≤0.3MPa
14.	Work Pressure	<300kPa
15.	Atmospheric pressure	86kPa~106kPa
16.	Single Range (Liters)	0~999999.99
17.	Cumulative Range (Liters)	0~9999999999.99
18.	Humidity	≤95%
19.	Ambient Temperature	
20.	Input Hose Diameter	38mm
21.	Output Hose Diameter	21mm
22.	Manual/ A Register reset	With a Digital Totalizer
23.	Hose joint swivels	Multi-plane, full 360° round rotation for easy movement of nozzle.
24.	Panels	Stainless steel tops and sides