



FUEL DISPENSING EQUIPMENT

TOTAL RETAIL SOLUTION

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ABOUT EHAD

EXPERTISE IN THE DOMAIN OF FUEL EQUIPMENT

EHAD was established in 1997 with the sole purpose to serve our clients with quality products and prompt deliveries. Catering different industries, we have evolved expertise in the domain of FUEL DISPENSERS, Liquid Flow Meters, and an array of other products, thus catering for various industries.

Under the guidance and vigil of the Schoenknecht family, the EHAD brand has grown at a satisfying rate within a short period.

The EHAD mission is to live up to the expectations of our customers, all the while serving our clients with quality products. Quality is an integral part of our esteemed organization, and we have therefore incorporated quality at every stage, from production to delivery.

To verify the highest quality, a series of stringent quality tests are conducted under the supervision of quality inspectors to ensure that we deliver flawless products.

We continuously collaborate with the factories producing our products, and boast of our technically sound infrastructure that is equipped with a R&D facility where products are tested and improved by our team of able professionals who understand the nuances of this industry and thrive to serve our clients with zero defect products.

Service & Sales Network

EHAD sales & service network covers Africa, Middle East, East Europe and Asia. Sales & Services are provided for 30 countries. These countries are including South Africa, Australia, New Zealand, PNG Papua New Guinea, Russia, Mexico, New-Zealand, Indonesia, Cambodia, Myanmar, Pakistan, Philippines, Sri Lanka, Iran, Nigeria, Zimbabwe, Cameroon, Kazakhstan, Mongolia, Ghana, Sultan, Lebanon, East Timor and most African Countries.

Service providers authorized by our company are all strictly trained and examined, provided with the ability to locate faults and repair the equipment made and promise to provide services accordingly.

We at EHAD can provide cost effective shipping to your destination of choice with professional clearing agents, giving our clients peace of mind. Contact EHAD head office for more information for Sales or services in your country. One of our trained staff will find the most efficient way to Ship EHAD products to you.



GROUP PRODUCT FAMILY





PRIME EH-52

Features

- Modular designed platform
- H-frame based customerized design
- 15 inch touch screen with friendly GUI
- Multiple Connectivity (IFSF/CL/RS485)
- Multiple protocols supported
- Latest multimedia applications
- C-Store products promotion
- EMV module supported
- Multiple payment options(IC/Bank card/Mobile Pay)
- Multiple product selections
- 2/4 fuelling positions
- 2/4 hoses

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



PRIME EH-56

Features

- Modular designed platform
- H-frame based customerized design
- 15 inch touch screen with friendly GUI
- Multiple Connectivity (IFSF/CL/RS485)
- Multiple protocols supported
- Latest multimedia applications
- C-Store products promotion
- EMV module supported
- Multiple payment options(IC/Bank card/Mobile Pay)
- Multiple product selections
- Multiple fueling positions
- 4/6/8 hoses



PRIME

PRIME EH-56

Features

- Modular designed platform
- H-frame based customized design
- 15 inch touch screen with friendly GUI
- Multiple Connectivity (IFSF/CL/RS485)
- Multiple protocols supported
- Latest multimedia applications
- C-Store products promotion
- Built-in hose retractor
- EMV module supported
- Multiple payment options(IC/Bank card/Mobile Pay)
- Multiple product selections
- Multiple fueling positions
- 4/6/8 hoses

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



PRIME EH-65

Features

- Modular designed platform
- L-frame based customized design
- 15 inch touch screen with friendly GUI
- Multiple Connectivity (IFSF/CL/RS485)
- Multiple protocols supported
- Latest multimedia applications
- C-Store products promotion
- Built-in hose retractor
- EMV module supported
- Multiple payment options(IC/Bank card/Mobile Pay)
- Multiple product selections
- 4/6/8/10/12 hoses
- AdBlue/Super high flow supported
- Ultra scalability with customization





VANTAGE EH-56

Features

- 32 inch touch screen with friendly GUI
- C-Store product promotion
- High technology integration
- Latest multimedia applications
- Convenient self-service
- Facial recognition payment system
- EMV module supported
- Multiple payment options(IC/Bank card/Mobile Pay)
- Voice communication assistant
- Customized features
- 4/6/8 hoses

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



VANTAGE EH-56

Features

- 32 inch touch screen with friendly GUI
- C-Store product promotion
- High technology integration
- Latest multimedia applications
- Convenient self-service
- Facial recognition payment system
- Multiple payment options(IC/Bank card/Mobile Pay)
- Voice communication assistant
- Built-in hose retractor
- Customized features
- 4/6/8 hoses





Classic EH-52(MJ)

Features

- Automatic lubricant blending
- 2 products
- Programmed ratio
- Convenient for motorcycles

Possible Use Scenarios



2 strokes motorcycles



Classic EH-52

Features

- High reliability and durability design
- 1/2 product selections
- 1/2 fueling positions
- High accuracy, OIML/MID certified
- Classic H-Frame design
- 1/2/4 hoses
- Side and Front oriented
- Standard/High/Super High flow rate
- Multiple options and customized features



Classic EH-56

Features

- High reliability and durability design
- Multiple product selections
- Multiple fueling positions
- High accuracy, OIML/MID certified
- Classic H-Frame design
- 4/6/8 hoses
- Standard and High flow rate
- Multiple options and customized features



Classic EH-65

Features

- High reliability and durability design
- Multiple product selections
- High accuracy, OIML/MID certified
- Classic L-Frame design
- 2/4/6/8 hoses
- Standard and High flow rate
- Multiple options and customized features



ATOM EH-10

Features

- EU compact design
- Monolit structure, flexible hose mast
- 1/2 product selections
- 1/2 fueling positions
- High accuracy, OIML/MID certified
- 1/2 hoses
- Standard/High/Super High flow rate
- Satellite support
- Multiple options and customized features
- Convenient installation and maintainance

CLASSIC EH-10

Features

- EU compact design
- Monolit structure, flexible hose mast
- 1/2 product selections
- 1/2 fueling positions
- High accuracy, OIML/MID certified
- 1/2 hoses
- Standard/High/Super High flow rate
- Satellite support
- Multiple options and customized features
- Convenient installation and maintainance



Features

- Designed for EU6 diesel engine
- Neutralize nitrogen oxidize
- Reduce nitrogen oxidize emissions
- Environmental Protection
- Optional configuration:
 - AdBlue standalone
 - AdBlue/Standard flow diesel combination
 - AdBlue/Super High flow diesel combination

Specifications

AdBlue flow rate	35 LPM
Ambient temperature	-25°C~45°C
AdBlue pump Power	220V
AdBlue nozzle	Stainless steel 3/4"
Solenoid valve	Stainless steel 12/24V

PRIME AdBlue



Classic AdBlue



ATOM AdBlue





Ultra High Flow

1,000 LPM

Features

- Ultra High flow rate 120/180/300/500/1000 LPM
- Overshoot prevention
- Accuracy $\pm 0.3\%$ with stability
- Optional IC/ID card function
- Heating option for -40°C working environment

Possible Use Scenario



Locomotives



Ship



Depot Loading



Super High Flow

Suction
180 LPM



Super High Flow

Dual Hose
120 LPM





CNG Dispenser

Features

- IC/ID card option
- Two side operated
- Preset and Fill up support
- Accurate flow meter
- Embedded ARM processor with high upgradability
- Enhanced anti-interference and anti-electrostatic
- Supports international standard IFSF protocol.
- Easy integrated with hybrid fuel stations



LNG Dispenser

Features

- IC/ID card option
- Two side operated
- Preset and Fill up support
- Accurate flow meter
- Embedded ARM processor with high upgradability
- Enhanced anti-interference and anti-electrostatic
- Supports international standard IFSF protocol.
- Easy integrated with hybrid fuel stations



Hydrogen Dispenser

Features

- IC/ID card option
- Imported original meters
- Breakaway/Emergency Switch
- Explosion-proof design, safe and stable working
- Auto power-off transaction protection
- Multiple protocols supported



LPG Dispenser

Features

- IC/ID card option
- Single/Dual hose option
- Built in gas separator
- Standard flow rate



EH-AdBlue Skid

AdBlue Mobile Station

Features

- Compact design for easy installation and maintenance
- Supports various AdBlue dispenser options
- Supports internal or external AdBlue dispenser
- Constant temperature function, optional air conditioner
- Equipped with upload pump system



EH-MS

Customized Mini Skid

Features

- Capacity from 1,000 to 15,000 liters
- Automation system with FMS / ATG
- Complete gas station functions



EH-FS311

Mobile Fuel Skid 20ft/40ft

Features

- 1/2 product chambers
- 1/2 fuel dispensers
- UL 142 approved
- Capacity from 30,000 to 68,000 liters
- Anti-Corrosive Tank
- Empty Fuel Skid can be stacked
- Highly integrated design options
 - ATG
 - Fuel Management System
 - Generator
 - Loading pump
 - Pressure relieving device
 - Overfill prevention system
 - Multiple options and customized features





SF Double Wall Tank

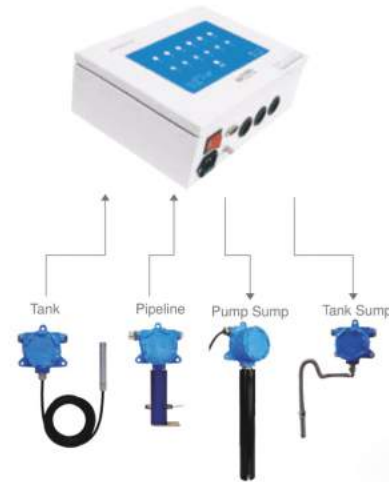
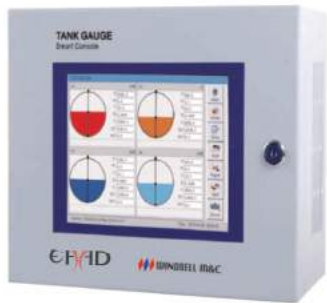
Features

- UL certificated
- Robot welding
- Automatic production line
- Leak detection system option



SINOPEC, CNPC, CNOOC and SINOCHINA





EH-SS160 Plus ATG Smart Console

Features

- Monitor tank level and other parameters in real time
- 8 inch touch screen with friendly GUI
- Automatic alarm for abnormal conditions
- Support for International Units of Measurement
- Support multiple languages
- Integrated scheduling function
- Automatically generate delivery reports
- Programmable leak detection

Options

- Leak sensor
- SMS report function
- Support GPRS/LAN network and TCP/IP protocol



EH-SP300 ATG Magnetostrictive Probe

Features

- Real-time data transmission
- Measuring fuel level and water level simultaneously
- Five temperature sensors equipped
- Class 0 intrinsic safety
- Digital signal transition, high anti-interruption ability
- Stainless steel (316L) with customizable length
- High precision as 0.5mm and resolution as 0.01mm
- Maximum communication distance 1200m
- IP67 protection grade
- ATEX and GOST approved



EH-Leak Detection Optic Liquid Leak Sensor

Features

- Compact structure and artistic appearance
- Easy to install and maintain
- Explosion-proof design, safe and reliable
- Connectivity up to 12 sensors
- Support Float switch leak sensor
- Support switch volume leak sensor
- Support RS485 interface leak sensor
- Identify fuel and water leakage
- Leak sensor fault detection
- LED alarm indicators
- Connectivity with host computer
- Support to integrate with Tank Gauging system



EH-TC Tank Calibration

Features

- Rapid calibration: Completed one tank in 2 hours
- Flowmeter accuracy 0.3%
- Calibration without waiting time
 - During loading work
 - During unloading work

Possible Use Scenarios



New Tank Installation



New Tank Manufacturing



Old Tank Recalibration



EH-FMS

Server/Cloud Based FMS

- Simple and practical design for convenient operation
- USB interface based communication control unit
- Easy installation and maintenance
- Tank gauge with real-time monitoring
- Automatic collection of shift information

Gas station management

- Pump & Tank real-time status monitoring, tank alarm
- Fueling transaction real-time reception and display
- Real-time total sales accounting for current shift
- Price adjustment
- Shift processing
- Sales details inquiry
- Operator sales statistics inquiry
- Delivery record inquiry

Retail center management

- Delivery management
- Sales management
- Inventory management
- Reports management
- Business analysis
- Sales plan management
- Price adjustment

Customer management

- User card management
- IC card making
- Secret key management
- Fleet customer management
- Reports management
- Inquiry & statistics

IC card online self-service

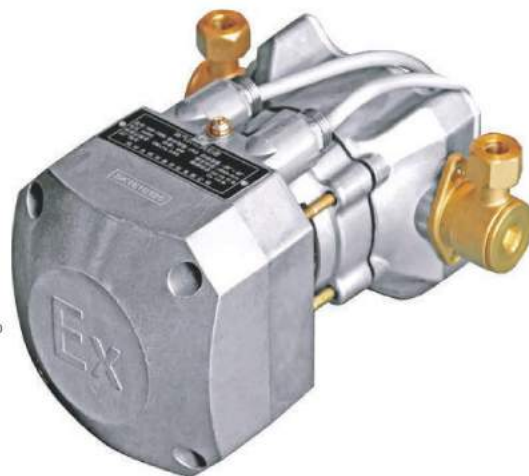
- Fueling bills self inquiry
- IC card information inquiry
- Suspend card online
- Password self changing



Vapor Recovery Vacuum Pump

Features

- Automatic rotating speed adjustment
- High accuracy Air/Liquid recovery ratio
- Inverter motor equipped
- Compact and isolation structure
- Anti-wear, long lifespan
- Explosion-proof certificate: Ex d II A T3 Gb/Ex C II Gb
- Protection class: IP55
- Ambient temperature: -20°C ~ 50°C
- Ambient pressure: 80kPa ~ 106kPa
- Maximum flow rate: 80LPM
- Maximum vacuum degree: 0.05MPa
- Voltage: 36V DC
- Power: 45W



Gear Pump GP-50A

Features

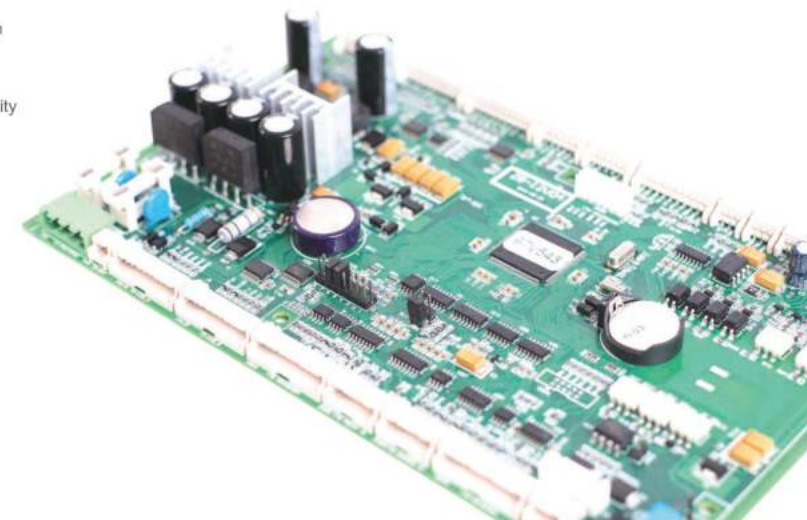
- Two stage filtering system
- Two stage gas /air separation
- Reliable and durable
- 12 million liter life cycle verified
- OIML approval and qualified certificated



Electronic Calculator

Features

- ARM 32 bit CPU
- Dispenser measuring and IC card payment integrated
- FMEA analysis
- Industry level design
- Big memory
- High speed
- Flexible upgradeability



Flow Meter FM-500C

Features

- Top-Inlet and Bottom Outlet Design
- Minimized inside leakage
- Pistons with anti-wearing material
- High Accuracy
- 12 million liters accuracy and life cycle test
- OIML approval and qualified certificated



Features

- Depot tanker loading quantitative delivering system
- Unique modular design
- Explosion-proof connector for site installation
- Reliable venting and filtering system
- Intelligent measuring control system
- Anti-static and prevent overflow



EH-AQCS-IIB

Skid-Mounted Depot Blending



EH-AQCS-I

Depot Top Loading



EHAD Products Configuration List



Series		ATOM	Classic	Classic	Classic	Classic	Classic	PRIME	PRIME	PRIME	PRIME	VANTAGE	VANTAGE
Model	Suction	●	●	●	●	●	○	●	●	●	●	○	○
	Pressure	○	○	○	○	○	●	○	○	○	○	●	●
Products	Quantity	1/2	1/2	1/2	2/3/4	1/2/3/4	1	1/2	2/3/4	2/3/4	2/3/4/5	2/3/4	2/3/4
Extra Product Type	E85	○	○	○	○	○	—	○	○	○	○	○	○
	B20	○	○	○	○	○	—	○	○	○	○	○	○
	AdBlue	○	○	○	○	○	—	○	○	○	○	○	○
	Lubricant	—	●	—	—	—	—	—	—	—	—	—	—
Hose	Numbers	1/2	1/2	1/2/4	4/6/8	2/4/6/8	1/2	2/4	4/6/8	4/6/8	2/4/6/8/10	4/6/8	4/6/8
Flowrate	Standard	●	●	●	●	●	—	●	●	●	●	●	●
	High Flow	○	○	○	○	○	—	○	○	○	○	○	○
	Super High Flow	—	—	—	—	—	●	—	—	—	—	—	—
Hanging Hardware	Splash Guard	○	○	○	○	○	—	○	○	○	○	○	○
	Breakaway	●	○	○	●	●	—	●	●	●	●	●	●
	Swivel	○	○	○	○	○	—	●	●	●	●	●	●
	Hose retractor	—	—	—	—	—	—	—	—	○	○	●	●
	Hose Mast	●	—	—	—	—	—	—	—	—	—	—	—
	Flow Indicator	—	●	●	●	—	—	●	●	○	○	○	○
	Front oriented	—	—	○	●	●	—	●	●	●	●	●	●
	Side oriented	●	●	●	—	—	●	—	—	—	—	—	—
Display	765	●	●	●	●	●	●	●	●	●	●	●	●
	995	○	○	○	○	○	○	○	○	○	○	○	○
	Numbers	2/4	2/4	2/4	2/4/6	2	2	2/4	2/4	2/4	2/4	4	—
Power	110V	○	○	○	○	○	○	○	○	○	○	○	○
	220V	●	●	●	●	●	●	●	●	●	●	●	●
Keypad	Metal	○	○	●	●	○	●	●	●	●	●	●	—
	Plastic	○	●	○	○	○	○	○	○	○	○	○	—
Communication	RS485	○	○	○	○	○	○	○	○	○	○	○	○
	Current Loop	●	●	●	●	●	●	●	●	●	●	●	●
	IFSF	○	○	○	○	○	○	○	○	○	○	○	○
Security Transaction	Ecrypted-Display	○	○	○	○	○	○	○	○	○	○	○	○
	Ecrption-Pulser	○	○	○	○	○	○	○	○	○	○	○	○
	E-Lock/Seal	●	●	●	●	●	●	●	●	●	●	●	●
Others	Emergency Stop	●	●	●	●	●	●	●	●	●	●	●	●
	Buldin-Printer	○	—	○	○	○	○	○	○	○	○	○	○
	Heating system	○	○	○	○	○	○	○	○	○	○	○	○
Value adding & Intelligent Parts	Touch screen 15"	—	—	—	—	—	—	○	○	○	○	—	—
	Touch screen 32"	—	—	—	—	—	—	—	—	—	—	●	●
	Vapor recovery	○	—	○	○	○	—	○	○	○	○	○	○
	Voice Intercom	—	—	—	—	—	—	○	○	○	○	○	○
	EMV	—	—	—	—	—	—	○	○	○	○	○	—
	Facial recognition	—	—	—	—	—	—	○	○	○	○	○	○
Dimension	LxWxH (mm)	780x474x1600	920x452x2196	920x452x2196	1250x620x2380	1850x660x1930	1035x545x1494	1050x520x2380	1250x720x2380	1250x720x2382	1996x600x2380	1250x720x2380	1250x720x2380
Package	LxWxH (mm)	880x520x1800	1150x490x2240	1150x490x2240	1392x800x2520	2076x766x2130	1250x590x1800	1250x620x2520	1330x900x2520	1330x900x2520	2076x766x2560	1330x900x2560	1330x900x2520
	40ft FCL Qty	58	48	48	22	16	29	38	21	21	16	21	21

● Default ○ Optional — Not Applicable

FUEL DISPENSING EQUIPMENT

TOTAL RETAIL SOLUTION



Technical Specifications

Accuracy	±0.25%
Flow rate	50,80,120,180,300,500,1000 LPM
Ambient temperature	-25°C~+55°C or -45°C~+55°C
Relative humidity	20%~95%
Unit noise rate	<70dB(A)
Inlet vacuum rate for suction pump	≥54kPa
Communication	RS 485 portor current loop

Power supply	110V/220V(-15%~+10%),(50/60±1)Hz
Digit of sale	0.00~99999.99
Digit of volume	0.00~9999.99
Digit of unit price	0.00~999.99
Totalizer of sale	0~42949672.95
Totalizer of volume	0~42949672.95

Global Partners


Grow Together



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