# FUEL DISPENSER
# CATALOGUE




YuanHeng
www.yuanhengmachine.com

# 3 PRODUCTS FUEL DISPENSER

YuanHeng
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YHJYJ-3333 (3 pumps, 3 meters, 3 displays, 3 hoses)
YHJYJ-3363 (3 pumps, 3 meters, 6 displays, 3 hoses)
YHJYJ-3666 (3 pumps, 6 meters, 6 displays, 6 hoses)

## External Dimension: 1300*630*2150mm

## Technical Specification:

Accuracy: ±0.3%
Flow Rate: 5-50LPM (gasoline)
5-100LPM(diesel)
Inlet Vacuum: ≥0.06Mpa
Register Range: 0.00-9999.99L
Totalizer Range: 0.00-9999999999.99L
Price Range: 0.01-9999.99
Power Supply: AC380V 50Hz or 60Hz
AC220V 50Hz or 60Hz
AC110V 50Hz or 60Hz
Motor Power: 0.75Kw
Ambient Temperature: -40℃ to 55℃




## Components:

**Pump: Bennett Vane Pump**
**Tatsuno Gear Pump**
**Tokheim Gear Pump**

**Meter: Bennett Meter**
**Tatsuno Meter**
**Tokheim Meter**

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Fax +8657767363050
Email sales@yuanhengmachine.com
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# 2 PRODUCTS FUEL DISPENSER

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YHJYJ-2222 (2 pumps, 2 meters, 2 displays, 2 hoses)
YHJYJ-2242 (2 pumps, 2 meters, 4 displays, 2 hoses)
YHJYJ-2444 (2 pumps, 4 meters, 4 displays, 4 hoses)

## External Dimension: 1120*650*2150mm




## Technical Specification:

Accuracy: ±0.3%
Flow Rate: 5-50LPM (gasoline)
5-100LPM(diesel)
Inlet Vacuum: ≥0.06Mpa
Register Range: 0.00-9999.99L
Totalizer Range: 0.00-9999999999.99L
Price Range: 0.01-9999.99
Power Supply: AC380V 50Hz or 60Hz
AC220V 50Hz or 60Hz
AC110V 50Hz or 60Hz
Motor Power: 0.75Kw
Ambient Temperature: -40℃ to 55℃

## Components:

**Pump: Bennett Vane Pump**
**Tatsuno Gear Pump**
**Tokheim Gear Pump**

**Meter: Bennett Meter**
**Tatsuno Meter**
**Tokheim Meter**

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# FUEL DISPENSER

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YHJYJ-1111 (1 pump, 1 meter, 1 display, 1 hose)
YHJYJ-1121 (1 pump, 1 meter, 2 displays, 1 hose)
YHJYJ-1222 (1 pump, 2 meters, 2 displays, 2 hoses)
YHJYJ-2222B (2 pumps, 2 meters, 2 displays, 2 hoses)
YHJYJ-2242B (2 pumps, 2 meters, 4 displays, 2 hoses)

## External Dimension: 1020*430*2050mm

## Technical Specification:

Accuracy: ±0.3%
Flow Rate: 5-50LPM (gasoline)
5-100LPM(diesel)
Inlet Vacuum: ≥0.06Mpa
Register Range: 0.00-9999.99L
Totalizer Range: 0.00-9999999999.99L
Price Range: 0.01-9999.99
Power Supply: AC380V 50Hz or 60Hz
AC220V 50Hz or 60Hz
AC110V 50Hz or 60Hz
Motor Power: 0.75Kw
Ambient Temperature: -40℃ to 55℃




## Components:

**Pump: Bennett Vane Pump**
**Tatsuno Gear Pump**
**Tokheim Gear Pump**

**Meter: Bennett Meter**
**Tatsuno Meter**
**Tokheim Meter**

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# FUEL DISPENSER

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YHJYJ-1111B (1 pump, 1 meter, 1 display, 1 hose)
YHJYJ-1121B (1 pump, 1 meter, 2 displays, 1 hose)
YHJYJ-1222B (1 pump, 2 meters, 2 displays, 2 hoses)
YHJYJ-2222C (2 pumps, 2 meters, 2 displays, 2 hoses)
YHJYJ-2242C (2 pumps, 2 meters, 4 displays, 2 hoses)

## External Dimension: 1020*430*1640mm

## Technical Specification:

Accuracy: ±0.3%
Flow Rate: 5-50LPM (gasoline)
5-100LPM(diesel)
Inlet Vacuum: ≥0.06Mpa
Register Range: 0.00-9999.99L
Totalizer Range: 0.00-9999999999.99L
Price Range: 0.01-9999.99
Power Supply: AC380V 50Hz or 60Hz
AC220V 50Hz or 60Hz
AC110V 50Hz or 60Hz
Motor Power: 0.75Kw
Ambient Temperature: -40℃ to 55℃

## Components:

**Pump: Bennett Vane Pump**
**Tatsuno Gear Pump**
**Tokheim Gear Pump**

**Meter: Bennett Meter**
**Tatsuno Meter**
**Tokheim Meter**







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Fax
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Email
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# 1500mm FUEL DISPENSER

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YHJYJ-150A (1 pump, 1 meter, 1 display, 1 hose)
YHJYJ-150B (1 pump, 1 meter, 1 display, 1 hose)

## External Dimension: 740*450*1500mm

## Technical Specification:

Accuracy: ±0.3%
Flow Rate: 5-50LPM (gasoline)
5-100LPM(diesel)
Inlet Vacuum: ≥0.06Mpa
Register Range: 0.00-9999.99L
Totalizer Range: 0.00-9999999999.99L
Price Range: 0.01-999.99
Power Supply: AC380V 50Hz or 60Hz
AC220V 50Hz or 60Hz
AC110V 50Hz or 60Hz
Motor Power: 0.75Kw
Ambient Temperature: -40℃ to 55℃

## Components:

**Pump: Bennett Vane Pump**

**Meter: Tatsuno Meter**



YHJYJ-150A




YHJYJ-150B

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Fax +8657767363050
Email sales@yuanhengmachine.com
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# 1350mm FUEL DISPENSER

JYJ-135A 1111 (1 Hose 1 Pump 1 Display)
JYJ-135B 1111 (1 Hose 1 Pump 1 Display)



## Technical specification

Accuracy: ±0.3%

Delivery Rate: 5-90L/min

Inlet Vacuum: ≥0.06Mpa

Line Totaliser: 0.00-9999.99L

Shif Totaliser: 0.00-999999.99

Sub Totaliser: 0.00-9999999999.99

Unit Price Range: 0.01-999.99

Power Supply: AC220V±10%, AC380V±10% 50Hz, 60Hz

Ex-proof Motor: 0.75Kw

Ambient Temperature: -40℃ to 55℃

## Components

ZYB-50 bennet combined vane pump

RSJ-50 bennet piston meter



**YHJYJ-135B**




**YHJYJ-135A**

Telephone +8613968966108
Fax +8657767363050
Email sales@yuanhengmachine.com
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# MINI PETROL FUEL DISPENSER

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## Dispensing System consists of

Pump: Self suction combined vane pump, built in air deparator, by-pass valve, filter.

Meter: Made of aluminum, high accuracy BENNETT flow meter, Accuracy: ±0.3%

Motor: 1 motor of 750 Watts, of AC110V, AC220V single phase, AC380V three phase, with IP55 protection

Display: Litre: From 0 to 999999.99L

Amount: 0-999999.99

Unit Price: 0.01-999.99

Max flow rate: 50LPM

Size: 600mm(L)*425mm(W)*1125mm(H)

## Chassis:

·Made of steel;

·Special interior and exterior treatment against corrosion;

·Finish with epoxy brilliant paint;

·Weatherproof.

## Supply Kit:

·Supply kit composed of one combined vane pump with piston meter;

·It is designed for both diesel, gasoline(petrol)etc.

·The bowser is supplied with 4m delivery diesel hose 3/4"

·11A automatic nozzle with rotary swivel.






| Code | Model | Pump | | | Motor | | Meter |
|---|---|---|---|---|---|---|---|
| | | Flow Rate LPM | tension volt | frequency hz | power watt | rpm | Mod |
| JYJ-110 | ZYB-50 | 45-90 | 110, 220 380 | 50, 60 | 750 | 1450 | RSJ-50 |

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# MINI PETROL FUEL DISPENSER

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## Dispensing System consists of

Pump: Self suction combined vane pump, built in air deparator, by-pass valve, filter.

Meter: Made of aluminum, high accuracy BENNETT flow meter, Accuracy: ±0.3%

Motor: 1 motor of 750 Watts, of AC110V, AC220V single phase, AC380V three phase, with IP55 protection

Display: Litre: From 0 to 999999.99L

Amount: 0-999999.99

Unit Price: 0-999.99

Max flow rate: 50LPM

Size: 540mm(L)*420mm(W)*720mm(H)

## Chassis:

·Made of steel;

·Special interior and exterior treatment against corrosion;

·Finish with epoxy brilliant paint;

·Weatherproof.



## Supply Kit:

·Supply kit composed of one combined vane pump with piston meter;

·It is designed for both diesel, gasoline(petrol)etc.

·The bowser is supplied with 4m delivery diesel hose 3/4"

·11A automatic nozzle with rotary swivel.



Type A




Type B

| Code | Model | Pump | | | Motor | | Meter |
|---|---|---|---|---|---|---|---|
| | | Flow Rate LPM | tension volt | frequency hz | power watt | rpm | Mod |
| JYJ-83 | ZYB-50 | 45-90 | 110, 220 380 | 50, 60 | 750 | 1450 | RSJ-50 |

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# LIGHT DUTY DIESEL FUEL DISPENSER

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Applicable for dispensing diesel, biodiesel and kerosene only.

Dispensing System consists of

Pump: self suction vane pump, built-in bypass valve, flow rate 60LPM

Meter: Made of aluminum, high accuracy BENNETT flow meter, Accuracy: ±0.3%

Motor: 1 motor of 550 Watts, of DC12V, DC24V, AC110V, AC220V single phase, AC380V three phase, with IP54 protection

Display: Litre: From 0 to 999999.99L

Amount: 0-999999.99

Unit Price: 0-999.99

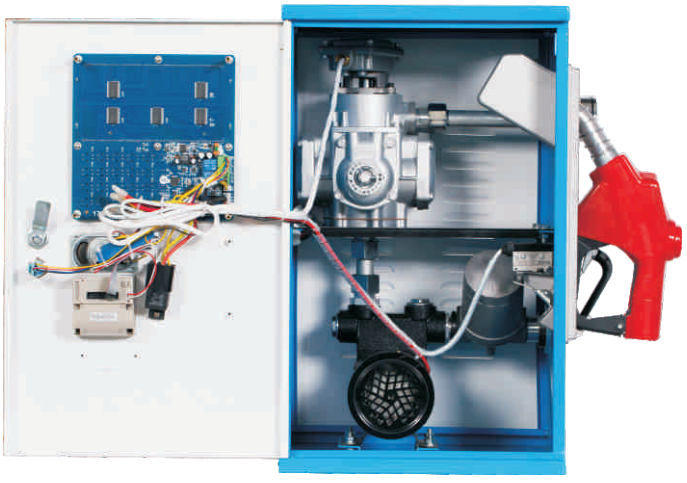
Box: Completely closed metal box with lockable door

Specification:

380mm(L)*380mm(W)*625mm(H)

| FLOWRATE | ACCURACY | I/O | FLUIDS |
|---|---|---|---|
| 40 lpm | +/- 0.3 % | 1" | DIESEL |













| Code | Pump | | Motor | | | | | Meter | Hose |
|---|---|---|---|---|---|---|---|---|---|
| | Model | Flow Rate LPM | tension volt | frequency hz | power watt | duty cicle min | rpm | Mod | Meter |
| JYJ-85A | YHYB-60 | 60 | 110, 220 | 50, 60 | 550 | | 2800 | RSJ-50 | 6 |
| JYJ-85D | YHYB-70 | 70 | 12, 24 | DC | 550 | 30 | 2800 | RSJ-50 | 6 |

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# HEAVY DUTY DIESEL FUEL DISPENSER

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Applicable for dispensing diesel, biodiesel and kerosene only.

Dispensing System consists of

Pump: self suction vane pump, built-in bypass valve, flow rate 65LPM

Meter: Made of aluminum, high accuracy TATSUNO flow meter, Accuracy: ±0.2%

Motor: 1 motor of 750 Watts, of DC12V, DC24V, AC110V, AC220V single phase, AC380V three phase, with IP54 protection

Display: Litre: From 0 to 999999.99L

Amount: 0-999999.99

Unit Price: 0-999.99

Box: Completely closed metal box with lockable door

Specification:

385mm(L)*400mm(W)*560mm(H)

| FLOWRATE | ACCURACY | I/O | FLUIDS |
|---|---|---|---|
| 65 lpm | +/- 0.2 % | 1" | DIESEL |




Type A



Type B




Type C

| Code | Pump | | Motor | | | | | Meter | Hose |
|---|---|---|---|---|---|---|---|---|---|
| | Model | Flow Rate LPM | tension volt | frequency hz | power watt | duty cicle min | rpm | Mod | Meter |
| L-JYJ-95A | YHYB-90 | 80 | 110, 220 | 50, 60 | 750 | continuously | 2800 | RSJ-65 | 6 |
| L-JYJ-95D | YHYB-90 | 80 | 12, 24 | DC | 750 | continuously | 2800 | RSJ-65 | 6 |

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# COMBINED DIESEL FUEL DISPENSER

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Applicable for dispensing diesel, biodiesel and kerosene only.

Dispensing System consists of automatic rewind hose reel, 15m 1" hose

Pump: self suction vane pump, built-in bypass valve, flow rate 65LPM

Meter: Made of aluminum, high accuracy TATSUNO flow meter, Accuracy: ±0.2%

Motor: 1 motor of 750 Watts, of DC12V, DC24V, AC110V, AC220V single phase, AC380V three phase, with IP54 protection

Display: Litre: From 0 to 999999.99L

Amount: 0-999999.99

Unit Price: 0-999.99

Box: Completely closed metal box with lockable door

Specification:

800mm(L)*450mm(W)*600mm(H)

| FLOWRATE | ACCURACY | I/O | FLUIDS |
|---|---|---|---|
| 65 lpm | +/- 0.2 % | 1" | DIESEL |



Type B




Type A

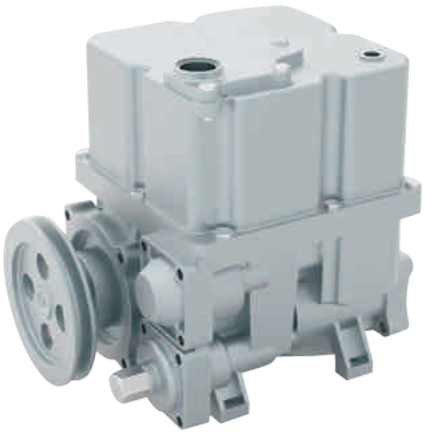



Type C

| Code | Pump | | Motor | | | | | Meter | Hose |
|---|---|---|---|---|---|---|---|---|---|
| | Model | Flow Rate LPM | tension volt | frequency hz | power watt | duty cicle min | rpm | Mod | Meter |
| L-JYJ-95A | YHYB-90 | 80 | 110, 220 | 50, 60 | 750 | continuously | 2800 | RSJ-65 | 15 |
| L-JYJ-95D | YHYB-90 | 80 | 12, 24 | DC | 750 | continuously | 2800 | RSJ-65 | 15 |

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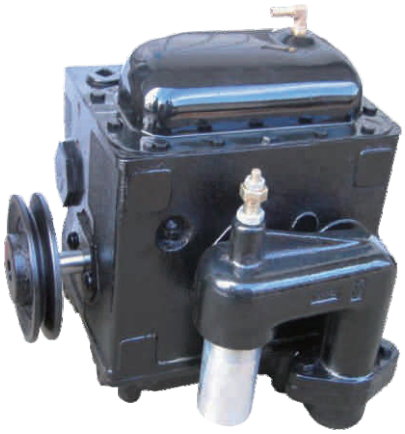
# DISPENSER ACCESSORIES



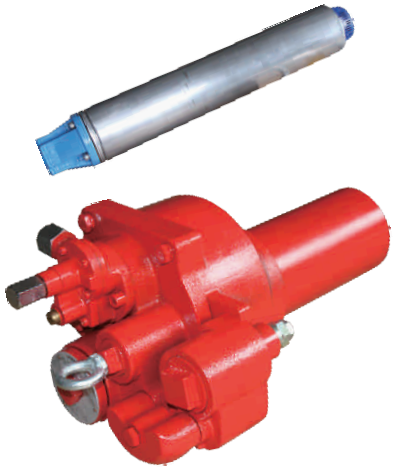
**Bennett Vane Pump**



**Tatsuno Gear Pump**



**Tokheim Gear Pump**



**Submersible Fuel Pump**



**Bennet Meter**



**Tatsuno Meter**



**Tokheim Meter**



**220V Motor**




**380V Motor**

Telephone
+8613968966108
Fax
+8657767363050
Email
sales@yuanhengmachine.com
www.yuanhengmachine.com

# DISPENSER ACCESSORIES

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**LC Flow Meter**




**Smith Flow Meter**



**Blackmer Vane Pump**



**Automatic Fuel Nozzle**



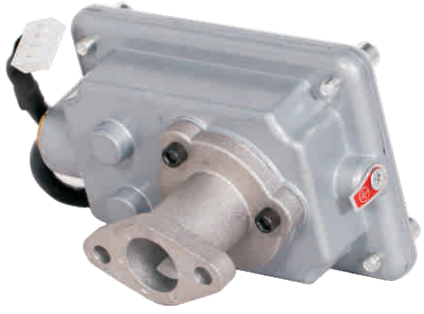
**ZVA Fuel Nozzle**



**Non-pressure Automatic Fuel Nozzle**



**Solenoid Valve**



**Pulser**



**Nozzle Swivels**

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Fax
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# DISPENSER ACCESSORIES

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**Breakway**



**Angle Check Valve**



**Shut-off Valve**



**Foot Valve**



**Filter**



**Flexible Pipe**



**Measuring Can**



**Rubber Hose**




**Flame Box**

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+8613968966108
Fax
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Email
sales@yuanhengmachine.com
www.yuanhengmachine.com

# DC PUMPS



**YHYB40**
**12V 24V 40LPM**



**YHYB70**
**12V 24V 70LPM**



**YHYB90**
**12V 24V 90LPM**



**12V 24V Ex-proof**
**20GPM**



**Mechanical Pump Set**
**12V 24V 40LPM**



**Mechanical Pump Set**
**12V 24V 70LPM**



**12V 24V Ex-proof**
**Pump Set 20GPM**



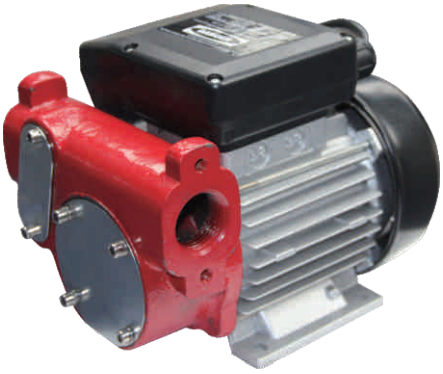
**Digital Pump Set**
**12V 24V 70LPM**



**Preset Pump Set**
**12V 24V 70LPM**

Telephone
+8613968966108
Fax
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Email
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www.yuanhengmachine.com

# AC PUMPS



**YHYB60**
**220V 60LPM**



**YHYB60B**
**220V 60LPM**



**YHYB90A**
**220V 90LPM**



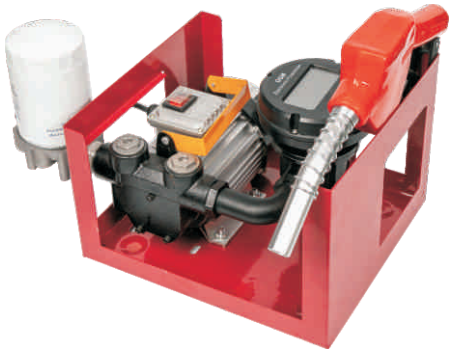
**YHYB80**
**220V 80LPM**



**YHYB120 1.5"**
**220V 120LPM**



**Mechanical Pump Set**
**220V 60LPM**



**Digital Pump Set**
**220V 60LPM**



**Preset Pump Set**
**220V 60LPM**



**Digita Pump Set**
**220V 90LPM**

Telephone
+8613968966108
Fax
+8657767363050
Email
sales@yuanhengmachine.com
www.yuanhengmachine.com

# Flow Meters




**LC Flow Meter**
**1.5", 2", 3", 4" 6"**




**Smith Flow Meter**
**2", 3", 4"**



**Mechanical Oval**
**Gear Meter 1", 1.5" 2"**



**Digital Oval Gear**
**Meter 1", 1.5" 2"**




**Preset Oval Gear Meter**
**12V, 24V, 220V**




**Mechanical Flow Meter**
**1", 1.5" 2"**




**Mechanical Flow Meter**
**1", 20-120LPM, 4 digits**



**Digital Turbine Meter**
**1", 1.5", 2"**




**Cast Iron Meter**
**1" to 4"**

Telephone
+8613968966108
Fax
+8657767363050
Email
sales@yuanhengmachine.com
www.yuanhengmachine.com

# FUEL NOZZLE



**YHAN45/60 Fuel Nozzle**
**3/4", 45-60LPM**



**YHAN120L Fuel Nozzle**
**1", 120LPM**



**YHAN11B Fuel Nozzle**
**Non-Press Auto Shut off**



**ZVA Fuel Nozzle**
**3/4" and 1"**



**Stainless Steel Nozzle**
**Automatic & 3/4"**



**1.5" Automatic Nozzle**
**260LPM**



**2" Automatic Nozzle**
**300LPM**



**Metering Fuel Nozzle**
**Automatic shut off**



**Metering Fuel Nozzle**
**Digital & Manual**

Telephone
+8613968966108
Fax
+8657767363050
Email
sales@yuanhengmachine.com
www.yuanhengmachine.com

Wuxing Industrial Park, Oubei Town,
Wenzhou, 325105, China
P: +86(577)67363080
F: +86(577)67363050
M: +86-13968966108
Skype: yuanhengmachine
E: sales@yuanhengmachine.com
yuanhengmachine@gmail.com

YuanHeng
www.yuanhengmachine.com

