



## Yuhuan Huayang Machinery Co., Ltd.

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📍 Linpu Road, Damaiyu Economic Development Zone, Yuhuan, 317604, China (Factory)

For more details please visit: [www.jhysparkplugs.com](http://www.jhysparkplugs.com)



IATF16949



## More Professional Manufacturer For Spark Plugs

18

18-Year Focus On  
Spark Plugs

20

OEM Supplier For  
20 Engine Manufacturers

8,000

8,000+ OE Numbers  
For Spark Plugs

20,000

20,000 m<sup>2</sup>  
Clean Workshop

10,000,000

Annual Production Capacity  
Of Over 10,000,000 Units

## More Professional Manufacturer For Spark Plugs



## Company Profile

Yuhuan Huayang Machinery Co., Ltd. established in 2001, have been focusing on providing spark plugs for more than 18 years and always in the future. We are one of the professional manufacturers producing spark plugs, which are mainly used to the gasoline engine, oil & gas dual fuel engine and natural gas engine and suitable to auto cars, motorcycles and any kind of engine, with more than 8,000 OE numbers including resistor type, platinum type, iridium type, iridium-platinum type, natural gas type and so on. After years of exporting our products to North American and European countries and areas, we have become one of the well-known suppliers for overseas aftermarket, and we also have been the OEM supplier for more than 20 engine manufacturers.

Now, we have a modern industrial park which own a clean workshop occupies an area of 20,000 square meters, has 6 senior engineers, 18 professional technicians and 170 skilled workers, with a number of advanced automatic equipments for production and test: Incoming ceramics inspection, flashover test for ceramic insulators, automatic powder filling machine for discharge electrodes, automatic screen printing machine, fully automatic sintering systems, resistance inspection for semi-finished products, automatic riveting pressure machine, leakage test bed, spark plug durability test, flashover test for spark plugs, angle bending machine, complete resistance inspection for spark plugs. With high-quality center electrode and advanced production technology, our products possess the features of beautiful shape, superior ignition performance, good acceleration capability and dynamic property, higher efficiency and longer service life. We have passed the IATF16949:2016 certification, the newest international standard for automotive quality management system, with scientific and complete management and strict quality guarantee system. Benefited from the strong development and production capacity (Annual production capacity of over 10 million units), we provide OEM/ODM service base on requirement.

Insisting on the policy of "Basic Sincerity, Customer Respect, Constant Improvement, Quality First", we consistently offer customers first-grade products and high-quality service!

# Events

- 2001 ● JHY Established
- 2003 ● 1<sup>st</sup> Expansion, move into new plant
- 2005 ● 2<sup>nd</sup> Expansion, move into new plant again, which own a clean workshop occupies an area of 20,000 m<sup>2</sup>
- 2006 ● Pass ISO9001:2000 quality management system certification
- 2013 ● 3<sup>rd</sup> Expansion, start production in Guangzhou plant
- 2018 ● Pass the IATF16949:2016 certification, the newest international standard for automotive quality management system



## Certificate

# CERTIFICATE

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this quality certificate to the following organisation:

**YUHUAN HUAYANG MACHINERY CO., LTD.**  
Linpu Road, Damaiyu Economic Development Zone,  
317604, China

Assembly of Spark Plug



Vienna, 30 July 2018  
**IATF 16949:2016 Quality Management System**  
Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,  
AT-1010 Vienna, Zelinkagasse 10/3

*Scheiber*  
Konrad Scheiber  
General Manager

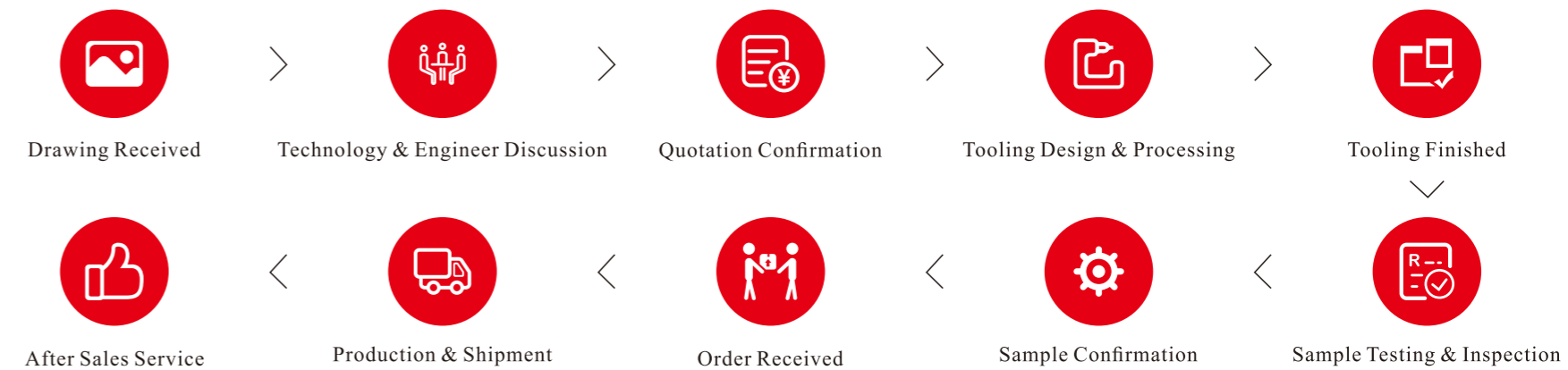
*Dragosits*  
Ing. Michael Dragosits, MSc  
Specialist representative

# Showroom



# OEM/ODM Ability

We provide OEM/ODM service base on requirement.



# Equipments



Incoming Ceramics Inspection



Flashover Test For Ceramic Insulators



Automatic Powder Filling Machine  
For Discharge Electrodes



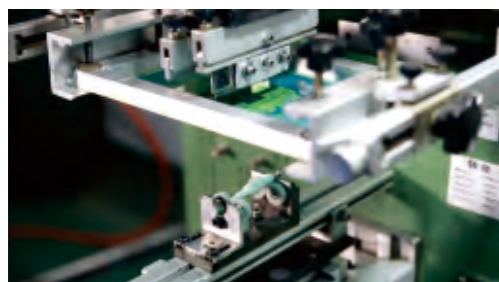
Automatic Riveting Pressure Machine



Leakage Test Bed



Spark Plug Durability Test



Automatic Screen Printing Machine



Fully Automatic Sintering Systems



Resistance Inspection  
For Semi-finished Products



Flashover Test For Spark Plugs



Angle Bending Machine



Complete Resistance Inspection  
For Spark Plugs

# Workshop



# Assembly & Packing

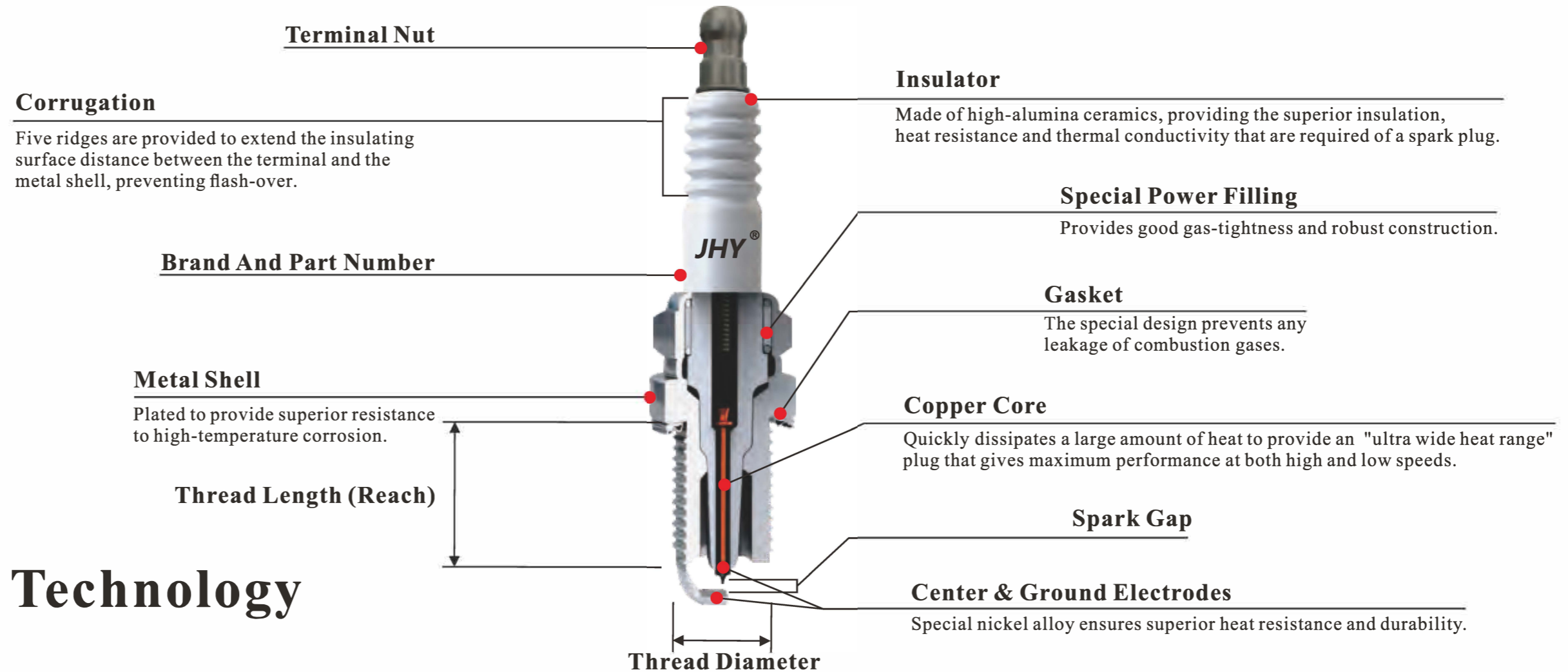
## Assembly



## Packing



# Structure Of JHY Spark Plugs



- Perfect Ignition
- Better Cold Weather Starting
- Better Engine Performance
- More Complete Combustion
- Better Emissions & Cleaner Exhaust
- Wider Heat Range Over All Driving Conditions

## Superior Copper Core Technology

# Product Range

## By Material



**Double Iridium Spark Plug**

Center Electrode: Iridium 0.6mm  
 Ground Electrode: Iridium 0.6mm  
 Life Time: Over 200,000 km  
 Iridium Melting Point: 2454 °C



**Iridium-platinum Spark Plug**

Center Electrode: Iridium 0.6mm  
 Ground Electrode: Platinum  
 Life Time: Over 160,000 km  
 Iridium Melting Point: 2454 °C



**Double Platinum Spark Plug**

Center Electrode: Platinum 1.0mm  
 Ground Electrode: Platinum  
 Life Time: Over 100,000 km  
 Platinum Melting Point: 1769 °C



**Single Iridium Spark Plug**

Center Electrode: Iridium 0.6mm  
 Ground Electrode: Nickel & Copper  
 Life Time: Over 100,000 km  
 Iridium Melting Point: 2454 °C



**Single Platinum Spark Plug**

Center Electrode: Platinum 1.0mm  
 Ground Electrode: Nickel & Copper  
 Life Time: Over 80,000 km  
 Platinum Melting Point: 1769 °C



**Common Nickel & Copper Spark Plug**

Center Electrode: Nickel & Copper 2.5mm  
 Ground Electrode: Nickel & Copper  
 Life Time: Over 30,000 km  
 Nickel Melting Point: 1453 °C

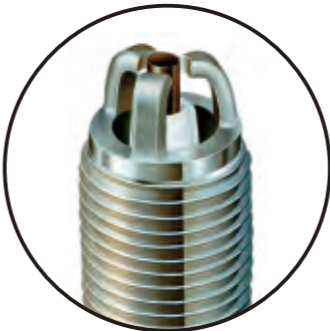
## By Number Of Ground Electrodes



**Single Ground Electrode Spark Plug**



**Dual Ground Electrodes Spark Plug**



**Triple Ground Electrodes Spark Plug**



**Four Ground Electrodes Spark Plug**



# Spark Plug Line

JHY has 8,000<sup>+</sup> OE numbers for Spark Plug in our catalogue 2018 version, and also provide OEM/ODM service base on requirement. For any specific inquiry on spark plug or catalogue, contact [max@jhysparkplugs.com](mailto:max@jhysparkplugs.com) with details.



## Automotive

The automotive range comprises several product lines. Each of the product lines has a different replacement interval, spark gap design and other attributes. The automotive range is intended for use in petrol car, van and truck engines.



## Moto

The Moto range spark plugs sales range is pre-determined for motorcycles, scooters, ATVS, quads and snowmobiles.

## Garden

The Garden range spark plugs are mostly designed for use in chain saws, trimmers, lawn mowers and stationary drive units. They are characterized by reliable function both at idle as well as at maximum power in both hobby and professional conditions. No combustion deposits and self-ignition as well as subsequent expulsion of flying sparks from the exhaust pipe. The special design of the plugs ensures low weight and resistance to vibrations.





## Marine

The Marine range spark plugs are intended for use in out-board and in-board marine engines as well as in the engines of various types of leisure and racing marine craft (water scooters, boats, etc.).

## LPG/CNG

The LPG/CNG product range spark plugs are intended for engines using gaseous fuel (LPG, CNG, GPL, METHANE). Their usage eliminates the negative changes that occur when using gaseous fuel, e.g. higher voltage requirement from the ignition system and higher temperature in the combustion chamber.



## Racing/Tuning

Spark plugs of the racing product range, designed for heavy-duty engines. These are special custom spark plugs developed in co-operation with racing teams. The materials used and unique design solutions withstand the difficult conditions in racing engines: higher pressures, high vibrations and thermal stress.

## Industry

The industry spark plug are specialty spark plugs for stationary gas operated industrial engines, They use superior platinum iridium metal electrodes which exhibits unsurpassed reliability and a greatly extended service life.

