

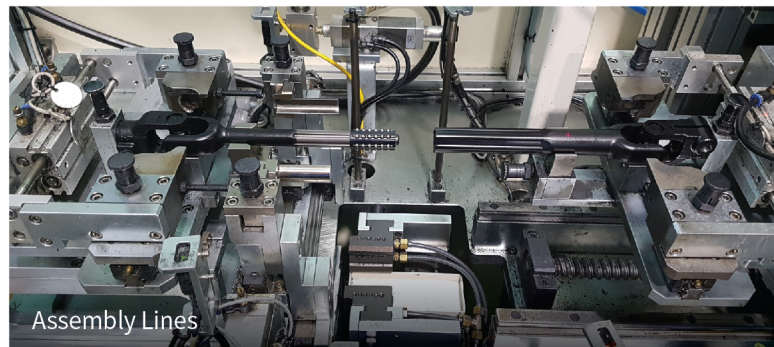
## PRODUCTIVE CAPACITY |



ROBOT Automation Lines



Machining/Broaching Lines



Assembly Lines

HIGH PRECISION  
MANUFACTURING  
WOOKANG

A strong and committed  
high precision manufacturing company  
with the best technology since 1996.

## + CONTACT

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## | MANAGEMENT POLICY

Wookang High Precision is a company that manufactures and assembles intermediate shafts and caliper brakes. We specialize in producing safety and security core components, and are also actively developing FCEV-related products. More than 90% of our products are supplied to leading overseas global automobile manufacturers through 1st tier vendors. Wookang High Precision is a company that leads the developing future mobility industry by adhering to eco-friendly and sustainable management.





STEERING SYSTEM

Intermediate Shaft



YOKE



- A key steering device that transmits the steering wheel's rotational force to the wheels, changing the vehicle's direction.
- A shock absorption function for driver protection during collisions and a vibration - proof and soundproofing structure.
- Development of ball-sliding type I-shafts enhances noise reduction and steering consistency.
- Development of all-aluminum I-shafts improves fuel economy, durability, and corrosion resistance.

CHEVROLET

HYUNDAI

Assist Arm Mount



- A key rear wheel steering(RWS) component connects the assist arm and lead bar, transmitting motor power.
- Uses hot forging material with enhanced heat treat ment hardness for rigidity in extreme conditions.
- High-quality products using advanced fixtures and process design technology.

HYUNDAI

Pinion Shaft



- A part that converts steering wheel movements and transmits them to the steering rack for precise steering.
- High-quality guaranteed with a pinion cylinder run out tolerance of 0.02mm or less.

HYUNDAI

Air compressor rotor shaft



- A device that supplies air to generate electricity by reacting with hydrogen in a fuel cell stack.
- Airflow varies with the rotor module's speed, making it crucial for hydrogen fuel cell vehicle performance.
- Reduce the weight and size of the rotor shaft compared to existing ones and secure world-class performance.

HYUNDAI

BRAKE SYSTEM

Caliper Brake Housing



- Various cylinder specifications (2P~6P) reduce braking distance.
- Reinforced aluminum is used to ensure lightness, rigidity, fuel efficiency, durability, and corrosion resistance.
- Twin caliper brake processing method enhances single caliper brake power.
- Enhanced main bore machining precision improves braking power.
- Enhanced seal groove machining precision prevents leakage and ensures brake oil tightness.

NAMI

POLARIS

FCEV

Hydrogen fuel tank Valve



- A key component depressurizes ultra-high pressure hydrogen(700→9.5 bar), ensuring stable flow to the fuel cell stack.
- Detects temperature and pressure in the hydrogen fuel tank and operates safely in abnormal situations.
- Uses STS316L for its airtightness and durability, with unrivaled processing technology for this difficult-to-cut material.

BMW