

**HEUNGKUK(HQ)** ASAN, CHUNGNAM, REPUBLIC OF KOREA

**HK CHINA** WUXI, JIANGSU, CHINA

**HK INDIA** KHANDALA, MAHARASHTRA, INDIA

**HK JAPAN** TOKYO, JAPAN

**HK USA** CHICAGO, IL, USA



# **UNDERCARRIAGE SOLUTION**

# Global Top Undercarriage Solution Provider

We know what we make  
 We know what you need  
 We all know what we have done  
 so far and what we will do  
 Your choice must be Heungkuk

## > CERTIFICATE



ISO 14001

ISO 9001

## > PATENT



22 Undercarriage related Patent

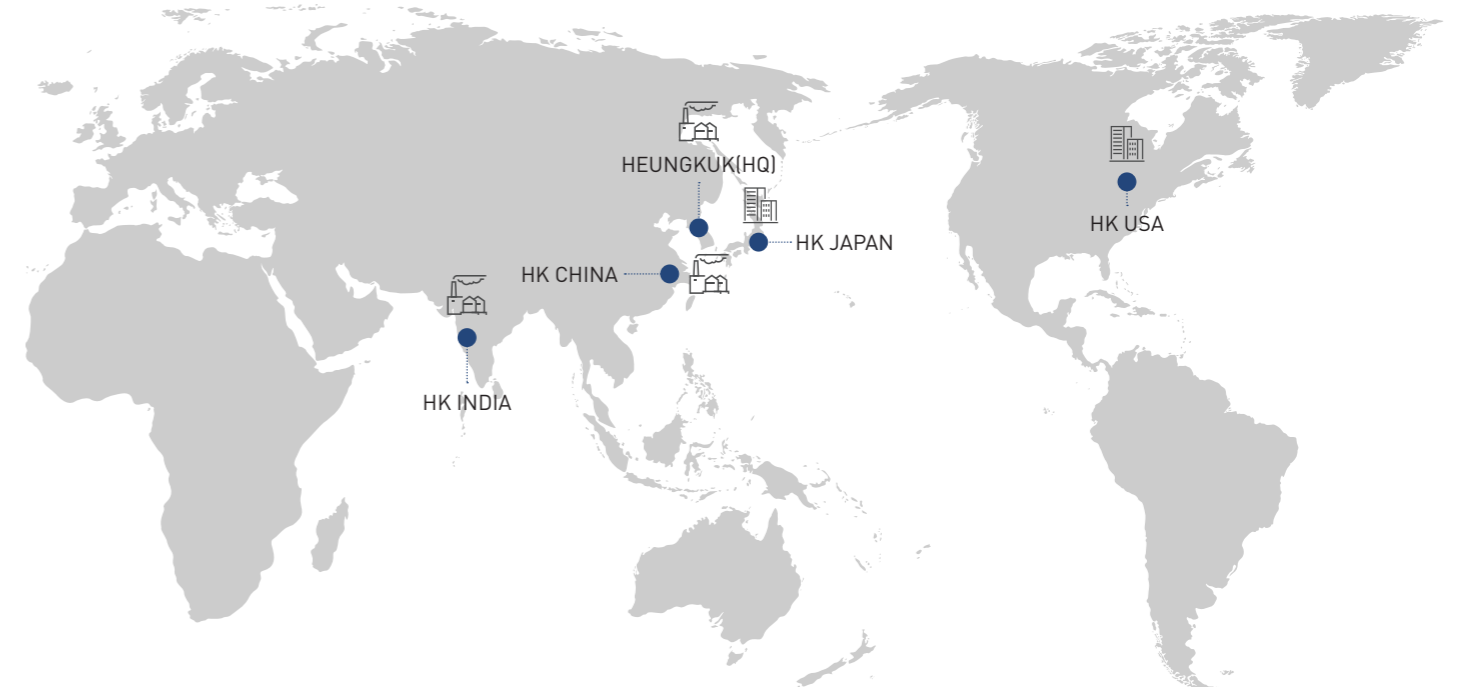
## > HEUNGKUK provides robust and sophisticated undercarriage Component to whoever needs our product

- 1974** • Established Forging company Heungkuk forging & engineering
- 1990** • Established the second plant Excavator Undercarriage Parts
- 2005** • Launched China Plant (WUXI)
- 2009** • Listed on stock market in Korea
- 2012** • Moved to New Plant(ASAN)
- 2017** • Opened Chicago office
- 2018** • Opened Japan Corporation (HK Japan)
- 2020** • Open India Plant (HK India)  
Open US Corporation

Technical know-how and Risk management are accumulated over the half-century

## > HEUNGKUK GLOBAL NETWORK

- HEUNGKUK(HQ)** ASAN, CHUNGNAM, REPUBLIC OF KOREA
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# Product



Carrier Roller



Track Roller



Idler & Tensioner



Sprocket



Triple Flange Roller



Double Flange Idler



# Customers



# Production Process



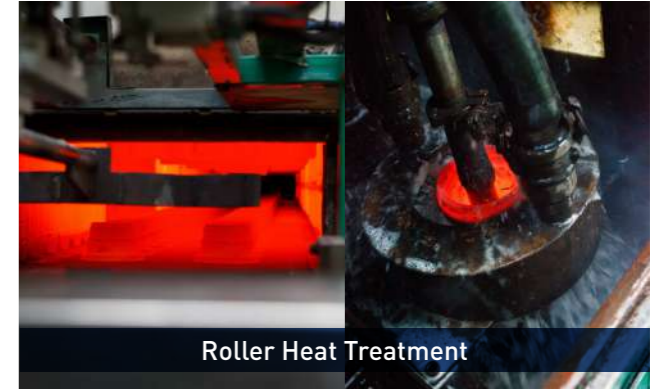
Floating Seal Casting



Floating Seal Heat Treatment



Forging



Roller Heat Treatment



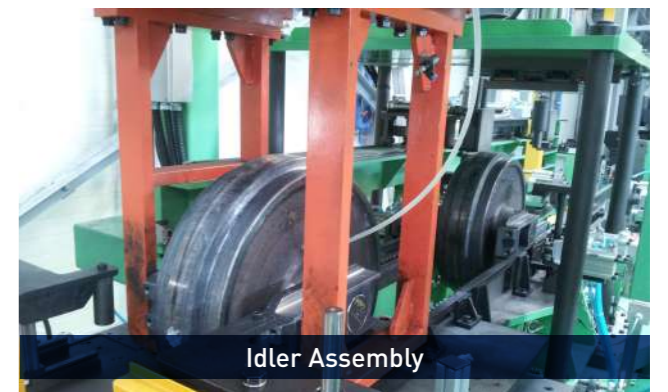
Automated Arc Welding



Friction Welding



Roller Assembly & Paint

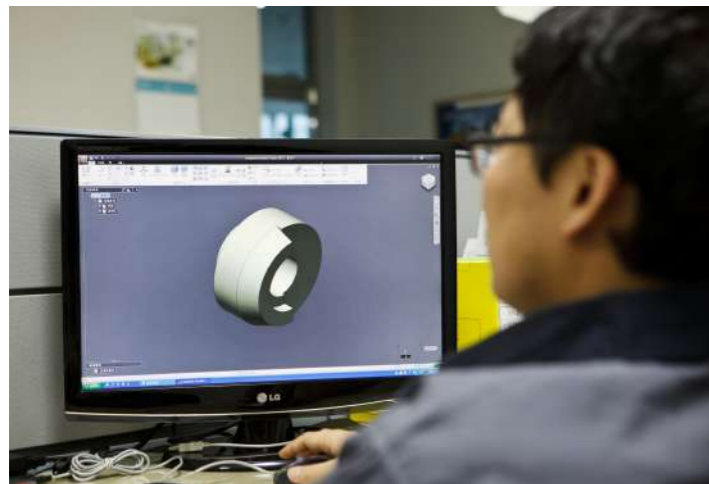


Idler Assembly

# Feature

## Engineering

Outstanding quality is derived from well designed product  
We propose our own design which essentially meets customer's needs

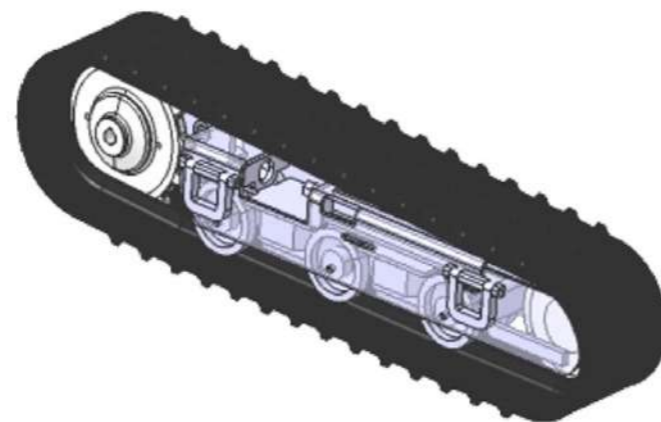


### Part Design

- » Accumulated design competency with CAD / CAM / CAE and Expertise
- » Short Development Lead Time by in-House Tooling

### UC Layout Design

- » With basic machine information we can provide customized undercarriage layout
- » Design is well balanced in cost and durability



## From Forging To Assembly

Forging is our fundamental technology since foundation  
We manufacture key component, floating seal for rolling product

- » One of a kind as undercarriage components manufacturer which has in-house production for both forging and floating seal



### Forging

- » Cutting edge Technology by employing automation and fleshless forging die



### Seal Ring

- » Wear & corrosion resistance material
- » Top notch Sealing Quality

We know what the machine requires for better durability  
We provide high level of validation capability to customers

### Verification and Validation

- » Various Bench Tests simulating working conditions of construction equipment
- » Test Capability for floating seal and rubber product and so on

