
NEW WAVE

Hydraulic Solution Co.,Ltd

Company Overview

Where the hydraulics of your dreams begin

We pursue ESG management

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Milestone of NEW WAVE Co.,Ltd



2013. Established

- A Factory founded in Siheung City

2014. Technology Development

- Development of control valve for tractor's transmission

2015. Technology Development

- Development of control valve for construction-machinery, excavator
- Supply control valves to HYUNDAI INDUSTRIES

2018. Technology Development

- Development of horizontal control valve for tractor
- Development of boosting valve for construction machinery

2020. Department Expansion

- Establishment R&D department

2021. Award & Certification

- Selected by the Ministry of SMEs & Startups for Fair Quality Technology Development Project
- 9001 : CE & ISO

2022. Certification

- 14001 : CE & ISO
- Innovative Small & Medium Business Certification
- Establishment R&D Laboratory

Management Philosophy

Best service, Best price competitive !

We pursue ESG management



Customer First

- The product standards required by the customer we think it's our first priority



Challenging Execution

- With a spirit of challenge and bold execution realize the best value of customer satisfaction



Communication & Cooperation

- Through mutual communication and cooperation solve the problem



Respect for human resources

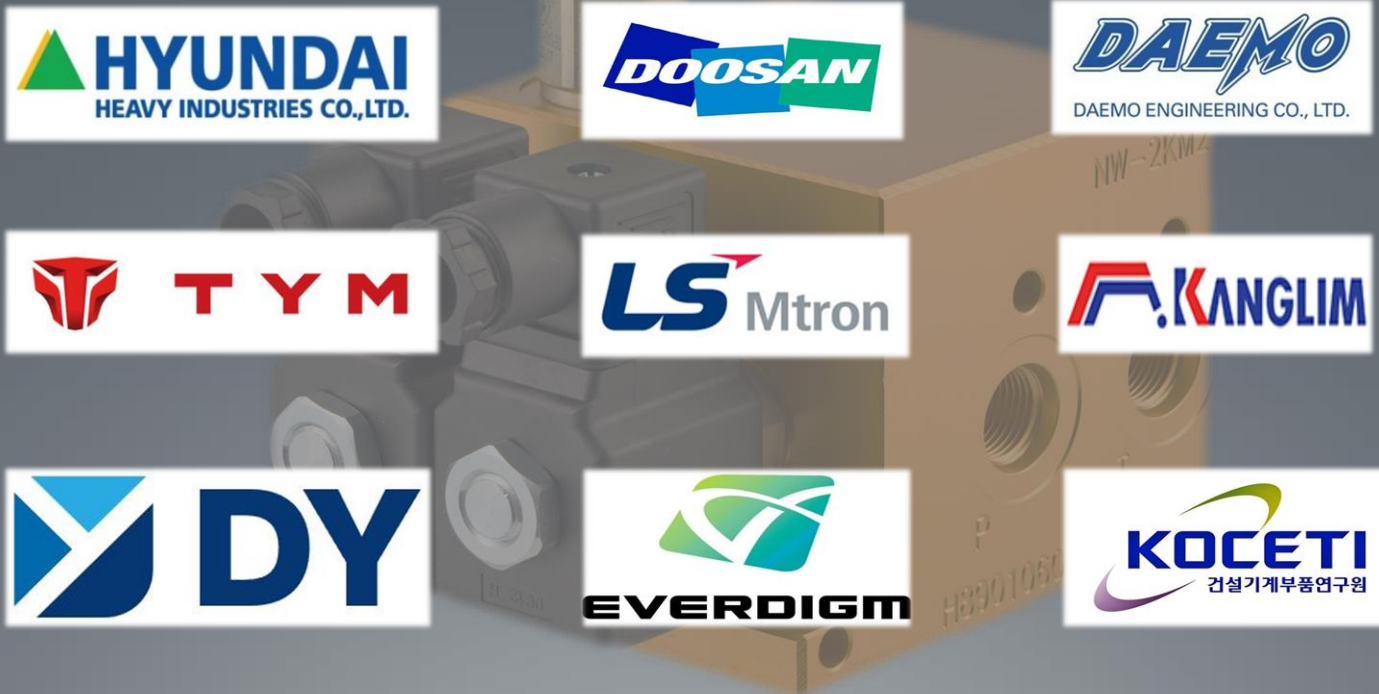
- Based on a person-centered management philosophy we consider our employees the most valuable asset of the company



Communication & Cooperation

- Aiming to be the best in the world in all fields we want to be individuals and organizations

Major Partners



Organization Chart

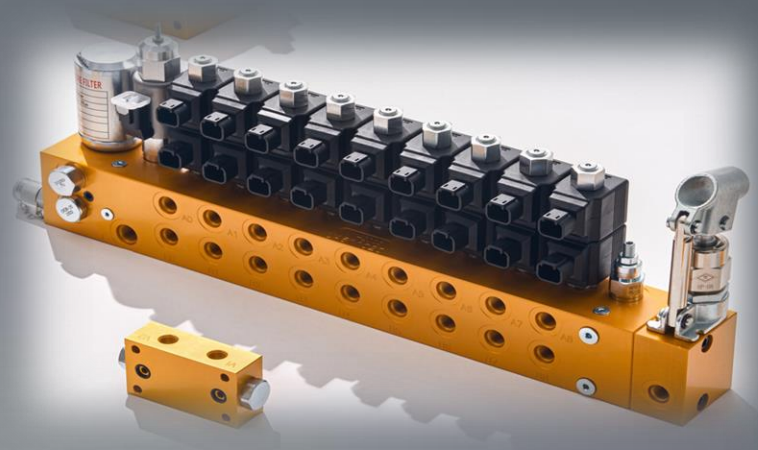


3 Products

Products in NEW WAVE Co.,Ltd

Contents

Ranges of Products



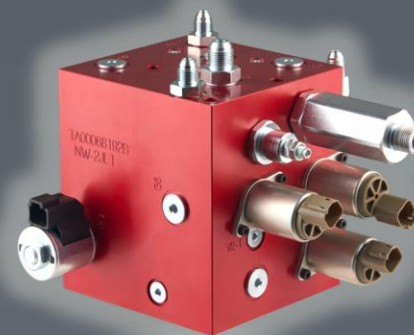
01

Ranges of Products

3 Products

Hydraulic control device

Best Quality and Low Price



Special
Vehicles

Articulated Crane

Elevated Construction
Vehicle

Truck Crane

Agricultural
Machinery

Combine

Tractor

Cultivator

Construction
Equipment

Excavator

Crane

Grader

ETC

Aircraft

Test Facility

Medical Device

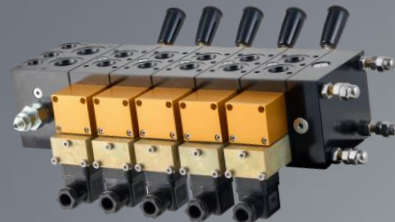
3 Products

Hydraulic control device

We develop and supply various hydraulic control valves such as boom control valves, outrigger control valves, and entidrift control valves used in special vehicles such as articulated cranes, high-rise construction vehicles, manufacturers

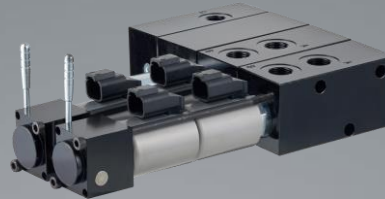
Special Vehicles

Articulated Crane



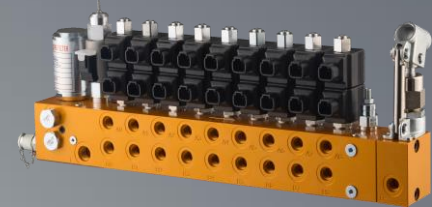
Manual control valve for articulated crane

Elevated Construction Vehicle



Proportional Control Valve for elevated crane

Truck Crane



Electronic control valve for truck crane

3 Products

Agricultural
Machinery

Hydraulic control device

We develop and supply the working device hardness of agricultural machinery tractor, horizontal hydraulic control, PTO connection hydraulic control, automatic T/M shift hydraulic control, and loader control valve. We are developing and supplying front and rear horizontal (pitching) hydraulic control system and left and right horizontal (rolling) hydraulic control system of the combine model

Combine

Tractor

Cultivator



PTO Control Valve for Tractor



Tractor horizontal control system

3 Products

Agricultural Machinery

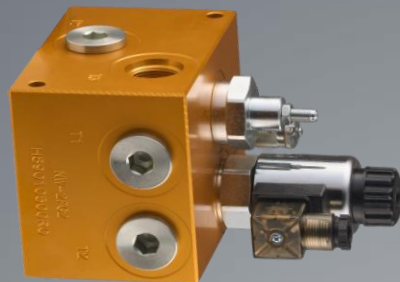
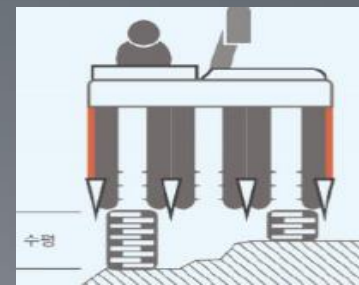
Hydraulic control device

We develop and supply the working device hardness of agricultural machinery tractor, horizontal hydraulic control, PTO connection hydraulic control, automatic T/M shift hydraulic control, and loader control valve. We are developing and supplying front and rear horizontal (pitching) hydraulic control system and left and right horizontal (rolling) hydraulic control system of the combine model

Combine

Tractor

Cultivator



Combine T/M control valve



Pitching & rolling control valve

3 Products

Hydraulic control device

We are developing and supplying various control valves, turning priority control valves, and entidrift control valves of construction machine excavators, and acceleration/boosting system modules such as share, krasha, and pulverizer, which are various attachments of loader models

Construction Equipment

Excavator



Crane

Grader



Control valve unit for excavator



Increasing speed &
Boosting pressure system



Total cartridge valve for construction equipment

3 Products

Hydraulic control device

We are jointly researching and developing landing gear controls for aircraft with KAI and manufacturing and supplying various industrial machinery and test facilities such as hydraulic control units for various industrial machinery and steel equipment, hydraulic equipment test bench, hydraulic power unit

ETC

Aircraft

Testing facility



Helicopter landing gear EHC device



Power unit for hydraulic instrument performance test



T/M Power unit for hydraulic endurance test



T/M Power unit for hydraulic endurance test

Ranges of Products

3 Products

Hydraulic control device

We are developing and supplying ultra-precise small air solenoid and proportional control valve to ventilators, respirators, and test machines of BioLab, and ultra-precise special small air flow control valve used to control hydrogen gas in hydrogen fuel cell devices.

Medical
Device

Medical device

Bio Lab



Intensive care mobile ventilator



Non-invasive breathing apparatus



Hydrogen fuel cell gas micro valve



Ultra-precise micro air solenoid valve



Ultra-precise micro valve



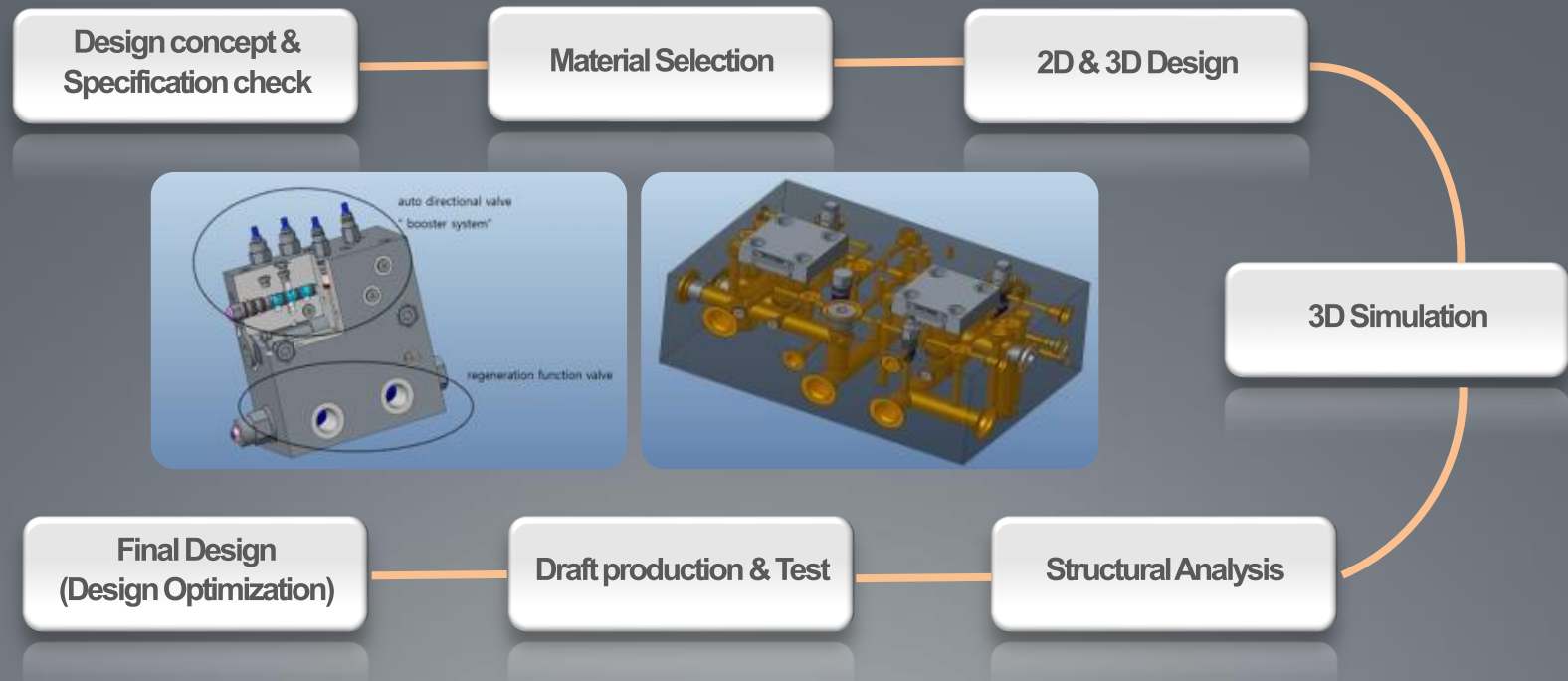
4 Development

Customizing Development

Customizing Hydraulic System



► Development Process



Certificates

1. Quality Management System:

ISO 9001 : 2015

ISO 14001 : 2015

2. European Certification:

Design, Development, Manufacture and Sales of Hydraulic Machine,
Hydraulic Valve, Hydraulic Pump



Certificates

1. Technology-innovative SMEs :

Verification code : 220601-01444

Certification Authority : Minister of SMEs & Startups

2. Venture Company :

Verification code : 20230125030088

Certification Authority : Minister of SMEs & Startups

3. Corporate Research Institute :

Verification code : 2022115384

Certification Authority : Korea Industrial Technology Promotion Association



Patents

1. Spool valve :

Verification code : 10-2012-0016263

2. Hydraulic control system for saw machinery :

Verification code : 10-2019-0033990

3. Hydraulic control valve :

Verification code : 10-2019-0033989

4. Hydraulic increase valve system :

Verification code : 10-2020-0143606

5. Weld-free solenoid valve :

Verification code : 10-2022-001788

6. Air valve for applied to medical device :

Verification code : 10-2022-009814




Thank you!

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