



DONG WON
PRECISION CO., LTD.

하이-퀄리티·하이-테크놀로지 정밀기계 & 비전 시스템

High Quality·High Technology
Precision Machine & Vision System



동원정밀 주식회사는 2007년 설립 이후, VISION(끊임없이 발전하고자 하는 목표)과 PASSION(목표한 바를 최선의 맘과 노력을 통해 실현하고자 하는 열정)을 최고의 가치로 두고, “존경과 사랑받는 최고의 우량기업”이 되는 것을 목표로 지금까지 지속적인 혁신과 노력을 통해 성장해왔습니다.

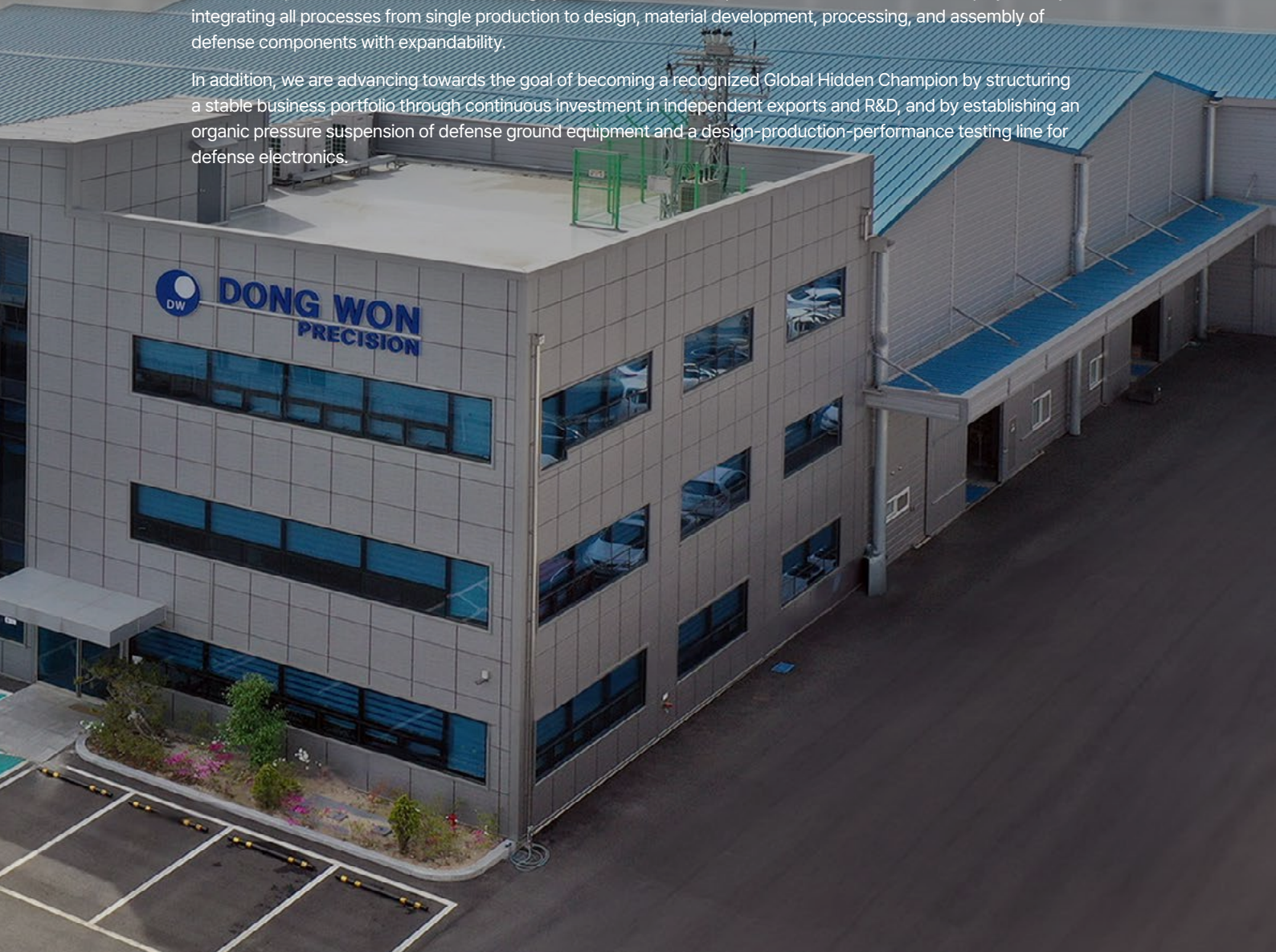
방산 분야에서의 특화된 기술력을 바탕으로 방산 전문 기업으로서의 입지를 굳건히 하고 있습니다. 고객사와 협력업체로 이어지는 사업 라인에서의 상생(Win-Win) 구현을 위해 노력하며, 지속적인 혁신을 통하여 미래지향적인 회사 운영으로 끊임없는 변화와 적응의 과정을 거쳐오고 있습니다. 또한, 임직원 및 관련 업체들과의 상호 존중과 솔선수범의 자세로 지속 가능한 성장에 지대한 관심을 가지고 있습니다. 이를 위해 단품 생산에서부터 확장성을 가지고 방산 부품의 설계, 소재 개발, 가공 및 조립 등의 전체 과정들을 통합하여 원스톱(One-Stop) 시스템을 구축하여 왔습니다.

또한, 독자적인 수출 및 R&D에 지속적인 투자를 통하여 안정적인 사업 분야의 포트폴리오를 구조화하고, 방산 지상 장비의 유기압 현수 및 방산 전자제품의 설계-생산-성능시험 라인의 구축으로 명실상부 Global Hidden Champion으로의 비상을 꿈꾸며 발전하고 있습니다.

Since our establishment in 2007, Dongwon Precision Co., Ltd. has grown through continuous innovation and efforts to become the **“Most Respected and Beloved Excellent Company”** with VISION (the goal of constantly improving) and PASSION (the passion to achieve goals through utmost effort and hard work) as our best values.

We are solidifying our position as a defense company based on our specialized technology in the defense industry. We strive to achieve co-prosperity (Win-Win) in our business relationships with customers and suppliers, and through continuous innovation, we are undergoing constant change and adaptation as a future-oriented company. In addition, we are deeply committed to sustainable growth with mutual respect among employees and related companies and an attitude of leading by example. To this end, we have established a one-stop system by integrating all processes from single production to design, material development, processing, and assembly of defense components with expandability.

In addition, we are advancing towards the goal of becoming a recognized Global Hidden Champion by structuring a stable business portfolio through continuous investment in independent exports and R&D, and by establishing an organic pressure suspension of defense ground equipment and a design-production-performance testing line for defense electronics.





- 2023** 01 Established New Plant at Changwon
- 2022** 09 Certified the S-Grade supplier by HAS
- 2021** 06 Certified ISO 22301 / ISO 45001
- 2018** 04 Awarded Best Partner for Safety, Health & Symbiosis Program by HAS
- 2016** 11 Implementation ERP System
- 2015** 01 Change of Company type
(Dongwon Precision Co. → Dongwon Precision Co., Ltd.)
- 2014** 12 Awarded 'EXPORT TOWER' (1 M USD)
- 2013** 02 Certified AS 9100
- 2011** 08 Certified the Technology Innovation-Oriented Small and Medium Enterprise (Inno-Biz) by Ministry of SMEs in Korea
- 07 Establishment of R&D Center
- 05 Certified the Enterprise specializing parts and material
- 2010** 11 Certified ISO 14001
- 2009** 10 Certified ISO 9001
- 2008** 10 Certified Clean Business Establishment
- 04 Certified Venture Company
- 2007** 10 Founded Dongwon Precision Co.

주요사업

Major Business





정밀기계사업

Precision Machinery Division

- K9 자주포 | K9 Self-propelled Howitzer
- K10 탄약운반장갑차 | K10 Ammunition Resupply Vehicle
- K77 사격지휘장갑차 | K77 Fire Direction Center Vehicle
- K56 탄약운반장갑차 | K56 Ammunition Resupply Vehicle
- KM3 자주도하장비 | KM3 Amphibious Bridge and Ferry System
- K2 전차 | K2 Main Battle Tank
- K808 차륜형장갑차 | K808 Wheeled Armored Vehicle



시스템사업

Military System Division

- History 2010~2019
- History 2019~2024

DW

정밀기계사업부
Precision Machinery Division

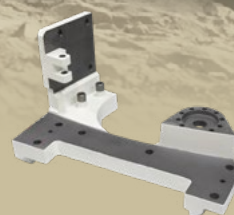
K9 자주포 | K9 Self-propelled Howitzer



① 지지대
Gun Supporter



② 허브 조립체
Hub Assembly



③ 브래킷
Bracket



④ 리테이너
Retainer

K10 탄약운반장갑차 | K10 Ammunition Resupply Vehicle



① 주제어기
Ammunition Resupply
Main Control Unit



③ 로드휠
Road Wheel

K77 사격지휘장갑차 | K77 Fire Direction Center Vehicle



⑤ 로드휠
Road Wheel



⑥ 허브 조립체
Hub Assembly



② 유동륜 하우징
Idle wheel Housing



② 허브
HUB



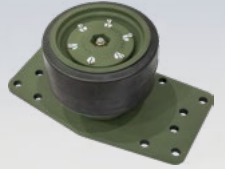
① 베이스 조립체
Base Assembly



② 몸체
Body



③ 출입구용 프레임
Frame for Entrance



④ 지지 롤러 조립체
Support Roller Assembly



⑤ 편향기
Deflector



⑥ 장치대 / 지지대
Bracket



⑦ 하우징
Idle Housing

KM3 자주도하장비 | KM3 Amphibious Bridge and Ferry System



① 실린더 조립체, 조향장치용
Steering Cylinder Assembly



② 유기압 현수장치
Hydro-Pneumatic Suspension Assembly

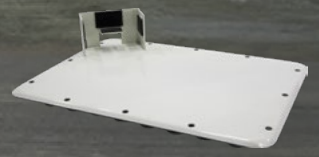
K56 탄약운반장갑차 | K56 Ammunition Resupply Vehicle



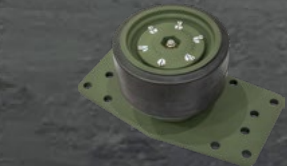
① 베이스 조립체
Base Assembly



② 몸체
Body



③ 출입구용 프레임
Frame for Entrance



④ 지지 롤러 조립체
Support Roller Assembly



⑤ 편향기
Deflector



⑥ 장치대 / 지지대
Bracket



⑦ 하우징
Idler Housing

K2 전차 | K2 Main Battle Tank



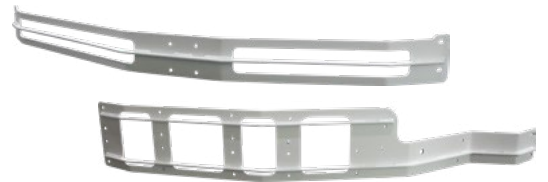
① 핀
Pin



② 채널
Channel



③ 덮개 조립체(우측, 좌측)
Cover Assembly (Right, Left)



④ 브래킷 조립체
Bracket assembly

K808 차륜형장갑차 | K808 Wheeled Armored Vehicle



① 세라믹 부시
Ceramic Bush



① 임펠러 하우징(좌현, 우현)
Housing, Impeller (Port, Starboard)



① 스테이터
Stator



① 버킷
Bucket

History 2010~2019

2010



DW6402

- Rugged Driver Display for KAAV
- 6.4", 640×480, 500 cd/m²
- IP67, MIL-STD-461F, 810F

2011



DW2010

- Rugged Console Display for Naval Ships
- 20.1", 1600×1200, 300 cd/m²
- IP65, MIL-STD-461F, 810G
- MIL-S-901D

2015



DW0653OC

- Rugged Driver Display for BIONIX of SDDA
- 6.5", 640×480, 500 cd/m²
- IP65, MIL-STD-461F, 810G
- MIL-STD-1275D
- Control 3×External Camera



DC2010701

- Rugged Console type Panel PC for ECS of SYSTEMA
- Intel Core i7
- 20.1", 1600×1200, 500 cd/m²
- IP65, MIL-STD-461F, 810G
- MIL-S-901D



DF1508THF

- Rugged Front Panel Ass'y for SB1 of STE ANS
- 15", 1024×768, 700 cd/m²
- MIL-STD-461F, 810G, 1275D
- PCAP Multi-touch screen
- 16×Function Keys w/Backlit
- Touch on/off, Blackout Key



DC0654Q02

- Rugged Information Display for K55 of HANWHA
- 6.5", 640×480, 400 cd/m²
- IP65, MIL-STD-461F, 810G
- Heat Glass for Low Temp. Op.

시스템 사업부는 Panel PC, Rugged Display, CCTV Camera, Military IT 제품 등 방산용 제어기를 공급합니다.

The Military System Division is supplying the Panel PC, Rugged Display, CCTV Camera, IT Products for Military purpose, etc.

2012



DW1502T

- Rugged Console Display for UAV Control System
- 15", 1024×768, 300 cd/m²
- PCAP Multi-Touch Screen
- IP65, MIL-STD-461F, 810G

2013



DW1043

- Rugged Console Display for Fire Monitoring System
- 10.4", 1024×768, 300 cd/m²
- Low Power Design
- Localization Product



DW1045THF

- Rugged MFD for STE M1, M2 TERREX
- 10.4", 1024×768, 400 cd/m²
- 16 Func. Keys, PCAP Touch
- IP65, MIL-STD-461F, 810G
- Pointing Device

2014



DW1212DF

- Rugged Multi-Function Display for RCWS of Yeongpung
- 12.1", 1024×738, 700 cd/m²
- 2×Dumbling Switch
- 26×Function Keys with backlit
- EMI micro-mesh, Glass heater with Optical bonding



DW1048DF

- Rugged Driver Display for K9, K10 of HANWHA
- 10.4", 1024×768, 300 cd/m²
- IP67, MIL-STD-461F, 810G
- Control 2×External Camera
- RS422 Control of TH. Camera



DW1503THF

- Rugged MFD for STE M1, M2 TERREX
- 15", 1024×768, 700 cd/m²
- 16 Func. Keys, PCAP Touch
- IP65, MIL-STD-461F, 810G



DF104CTHF

- Rugged Front Panel Ass'y for BRONCO of STE ANS
- 10.4", 1024×768, 400 cd/m²
- MIL-STD-461F, 810G, 1275D
- PCAP Multi-touch screen
- 16×Function Keys w/Backlit
- Touch on/off, Blackout Key

2019



PT1502-CSM

- Rugged PANEL PC for Complex Sensor Master
- 15", 1024×768, 700 cd/m²
- MIL-STD-461F, 810G, 1275D
- PCAP Multi-touch screen
- Intel Core i7 6th Gen.
- Back-up Battery
- Removal SSD



DC2010702T

- Rugged Console type Panel PC for Mode-5
- 20.1". 1600×1200, 300 cd/m²
- Intel Core i7 6th Gen.
- IP65, MIL-STD-461F, 810G
- MIL-S-901D
- Resistive Touch Screen

History 2019~2024



2019

DW2402

- Rugged Console type Panel PC for Mode-5
- 20.1". 1600×1200, 300 cd/m²
- Intel Core i7 6th Gen.
- IP65, MIL-STD-461F, 810G
- MIL-S-901D
- Resistive Touch Screen

2021



DW104HLCM

- Rugged Driver Display for Leopard Tank of STE ANS
- 10.4", 1024×768, 300 cd/m²
- PCAP Multi-Touch Screen
- IP65, MIL-STD-461F, 810G
- 16×Func. Keys w/Backlit
- Pointing Device



DF1732TCN

- Rugged FPA for HUNTER-II of STE ANS
- 17.3", 1920×1080, 700 cd/m²
- PCAP Touch Screen
- Auto Glass Heater Control
- Windows Hello Camera inst.
- IP65, MIL-STD-461F, 810G



2024

PT1503-CSM

- Rugged PANEL PC for Complex Sensor Master
- 15", 1024×768, 700 cd/m²
- MIL-STD-461F, 810G, 1275D
- PCAP Multi-touch screen
- Intel Core i7 9th Gen.
- Back-up Battery
- Removal SSD
- Extra 2×LAN, 2×CAN ports



PT1040

- Rugged Panel PC for Mode-5
- 10.4", 1024×768, 300 cd/m²
- Intel Core i7 6th Gen.
- IP65, MIL-STD-461F, 810G
- PCAP Multi-Touch Touch



DF104FGVA

- Rugged GVA FPA
- for GVA compatible Display
- 10.4", 1024×768, 500 cd/m²



DW3846TP

- Rugged Driver Display for TERREX of STE ANS
- 3×8.4", 800×600, 500 cd/m²
- 3 in 1 Display
- 3×PAL Video input
- MIL-STD-461F, 810G
- MIL-STD-1275D

2022



DC1331704T

- Rugged Panel PC for AS10 of HANWHA
- 13.3", 1920×1080, 700 cd/m²
- Resistive Touch
- Intel Core i7 6th Gen.
- IP65, MIL-STD-461F, 810G



DW1703THF

- Rugged MFD for TERREX 2&3 of STE ANS
- 17", 1280×1024, 700 cd/m²
- MIL-STD-461F, 810G, 1275D
- PCAP Multi-touch screen
- 16×Function Keys w/Backlit
- Touch on/off, Blackout Key
- 3×Circular Connector



DW3702SHD

- Rugged Driver Display for TERREX 5 of STE ANS
- 3×7", 1920×1080, 500 cd/m²
- 3 in 1 Display
- 7×HD-SDI Video input
- MIL-STD-461F, 810G
- MIL-STD-1275D