LEES Corporation

AVIATION REFUELING

SYSTEMS & PRODUCTS

A specialist in international-standard (EI · JIG) aviation refueling systems

From in-house design & manufacturing to global-partner product supply

38 Years	Civil / Military	Solution Supply
Aviation Refueling Specialist	Airport · Defense Supply	Component ~ Skid Package



Parker Velcon · Meggitt · Gammon · Hannay · OCV · Cla-Val · Echelon · Pear · TCS · Isoil · ECHA · EMCEE · Delta RC

Lees Corporation

Since 1987 | Gimpo, Korea
28 Yongdu-ro, Daegot-myeon, Gimpo, Gyeonggi-do
lees@leescor.com | 02-2643-4515

Lees Corporation, Copyright © 2026

Contents

01 **Company Overview**
About Lees Corporation

02 **Certifications & Partners**
Certifications & Partners

03 **Core Competencies**
Core Competencies

04 **Aviation Filter Systems**
Aviation Filter Systems

05 **Skid & System Integrated Supply**
Integrated Skid & System

06 **Components ① — Control · Hydrant · Nozzle**
Control · Hydrant · Nozzle

07 **Components ② — Hose · Reel · Flow Meter**
Hose · Reel · Flow Meter

08 **Components ③ — Quality Control · Testing**
Quality Control & Testing

09 **Components ④ — Wireless Fuelling Control**
Wireless Deadman Handle

10 **Project Experience — Domestic**
Domestic References

11 **Project Experience — Overseas**
Overseas References

12 **Capabilities & Facility**
Capabilities & Facility

13 **Contact**
Contact

Lees Corporation, Copyright © 2026

Company Overview

Company	Lees Corporation
Founded	1987 Lees Trading / 1996 incorporated
CEO	Jung-Du Lee
Employees	20 persons
Capital	₩ 580,000,000
HQ / Factory	28 Yongdu-ro, Daegot-myeon, Gimpo, Gyeonggi-do
Seoul Office	#702 Daewoo My Building, 552 Gonghang-daero, Yangcheon-gu, Seoul

- **Korea's first EI Filter System developed & built**
- **Sole Parker Velcon Licensee in Korea**
- **Domestic military & civil airports + large-scale overseas deliveries**

A specialist that has shaped Korea's aviation-refueling history

Since its founding in 1987, Lees Corporation has been the aviation-refueling specialist that first introduced international-standard refueling products to Korea.

As an official Distributor for world-leading makers such as Gammon · Velcon · Meggitt, we have supplied international-standard refueling products to Korea's military & civil airports and aviation refuelers for over 30 years.

We developed and built Korea's first international-standard (EI) Filter System in-house and, as Korea's first and largest aviation-refueling product specialist, contribute to the advancement of the aviation-refueling industry.

Lees Corporation, Copyright © 2026

Certifications & Partnerships

ASME U-Stamp
American Society of Mechanical Engineers

- Certificate No. 41772
- Manufacture of Pressure Vessels
- For aviation-fuel Filter Vessel manufacturing

National Board NB Mark
Boiler & Pressure Vessel Inspectors

- ASME Designator : U
- International registration & export body

ISO 9001 : 2015
Quality Management System

- Cert. No. KQ-1109
- Design · development · manufacturing quality mgmt.

ISO 14001 : 2015
Environmental Management System

- Cert. No. KE-1110
- Same-scope Environmental Mgmt. System

KOSHA
KOSHA

- per Occupational Safety & Health Act
- Pressure Vessel Safety Cert.

KESCO
KESCO

- Electrical Equipment Safety Cert.
- Explosion-proof System

Sole Parker Velcon Licensee in Korea — holds the manufacturing license for aviation-fuel Filter Vessels per EI 1581 7th · EI 1590 3rd · EI 1596 3rd

Exclusive Distributor : Parker Velcon · Meggitt · Gammon · Hannay · Isoil · Echelon · Pear · OPW · ECHA · EMCEE · Delta RC

Lees Corporation, Copyright © 2026

Core Competencies

Engineering-based design & manufacturing · expertise in international codes (EI · JIG · ASME) · industry-trend response — from single units to integrated Skid packages

Engineering-based design & manufacturing
Beyond components & distribution — we design systems in-house and deliver them as integrated Skid packages

In-house manufacturing + global partner supply
In-house Filter Vessel & Skid manufacturing; official supply of proven partner products

International codes & standards expertise
Reflected in design & manufacturing per EI · JIG · ASME standards

Industry Trend Response
Monitoring & reflecting standard revisions and tech trends · hosting the Asia Aviation Fuel Symposium

Standards & Regulations

EI	Energy Institute — aviation-fuel filter · hose · hydrant · facility quality standards (1550 · 1581 / 1590 / 1596 / 1588 / 1529 / 1584)
JIG	Joint Inspection Group — aviation-fuel supply quality & operating standards
ASME	Boiler & Pressure Vessel Code — U-Stamp manufacturing standard

Product & Solution

In-house Design & Manufacturing	**Aviation-fuel Filter System · Skid & System integrated supply**
Official Supply (Distributor)	Control Valve · Hydrant Pit · Nozzle · Hose & Reel · Flow Meter · Quality Control

Lees Corporation, Copyright © 2026

Aviation Filter Systems

Parker Velcon Licensee — in-house design & manufacturing of EI-standard aviation-fuel Filter Vessels

Filter Vessels & Cartridges

Standard	Product
EI 1581 7th	Filter / Separator
EI 1590 3rd	Micro / Prefilter
EI 1596 3rd	Filter Vessel common requirements
EI 1583 7th (withdrawn)	Monitor · Aquacon
EI 1588 2nd	Water Barrier

Horizontal / Vertical · Mobile / Fixed · Commercial / Military



Filter / Separator (Mobile)



Vertical Filter / Separator



Aquacon® Filter Housing



Filter Cartridge (Coalescer · Micronic)

Lees Corporation, Copyright © 2026

Skid & System Integrated Supply

Filter · Pump · Flow Meter · Control Valve · Nozzle · Hose Reel · explosion-proof PLC · fuel tank — factory-assembled & tested integrated package

Integrated Skid (All-in-One)

- Helicopter Refueling / Defueling
- Loading / Unloading
- Stored Fuel Cleaning
- Dispensing
- Injection System
- Explosion-Proof Design
- Fuel Tank

★ Korea Aerospace Industries (KAI) — G280 test site

Fuel Defueling Pump Skid · Wet Leak Test Skid
incl. Explosion-Proof PLC Control · UL142 Tank

★ US Naval Base, Philippines

Fuel Storage Facility (Jet Refueling Skid 2 sets + Tank)
incl. UL 2085 Tank · Fire-Resistant Design · Fuel Monitoring System



Fuel Storage Facility (Refueling Skid + Tank)



Jet Fuel Refueling Cart

Lees Corporation, Copyright © 2026

Control Valve · Hydrant · Nozzle



Control Valves

Meggitt · OCV · Cla-Val

- For Refuelers — Meggitt
- For Fixed Installations — OCV · Cla-Val
- Airport · Tank Farm · refinery installation
- Pressure Control valve, Bottom Loading adapter, Filter/Separator Slug Valve, etc.



Hydrant Pit

Meggitt

- Hydrant Pit Box (underground)
- Hydrant Pit Valve — EI 1584 4th
- Under Hydrant Shut-off / Isolating Valve
- Hydrant refueling system



Nozzles

Gammon · OPW · Meggitt

- Overwing Nozzle (Gun Type)
- Underwing Nozzle — SAE AS5877
- 100 Mesh Strainer, HECV, etc. included
- Commercial & military aircraft support

Control Valve type — Refuelers : Meggitt | Airport · Tank Farm · Refinery : OCV · Cla-Val

Lees Corporation, Copyright © 2026

Aviation Hose · Hose Reel · Flow Meter



Aviation Hose

Echelon · Pear

- Aviation-fuel hose — EI 1529 7th (Type C / CT / E)
- Hose protectors & other aviation-fuel hose accessories
- Military/commercial-spec grounding cables, clamps
- For Refueler · Hydrant · Skid



Hose Reels

Hannay Reels

- Multi-wrap Type / Single-wrap Type
- Explosion-proof motorized / manual hose reel
- Grounding Reel (Ground Reel)
- Durability & safety verified products
- For refuelers · skids · fixed installations



Flow Meters

TCS · Isoil

- TCS - 700 Series · Isoil - SBM / BM Series
- Mechanical Counter & Electronic Register
- Control Valve · Strainer · Printer · Rate of Flow Indicator & other accessories

Lees Corporation, Copyright © 2026

Aviation-fuel Quality Control & Test Equipment



Fuel Quality

Gammon

- Deadman Control · Gammon Gauge, Sampling probe & other aviation-fuel quality products
- AquaGlo® moisture detector,
- Minimonitor® · Membrane



Microbial Test

ECHA Microbiology

- MicrobMonitor®2 (ASTM D7978 / IP 613)
- HY-LiTE® luminescence test (result in 10 min)
- SIG Tests (SRB · NRB detection)
- IATA · JIG recommended microbial test



Conductivity

EMCEE Electronics

- Model 1152 Digital Conductivity Meter
- Aviation-fuel conductivity measurement
- Calibration service provided
- Static-electricity safety (ASTM D2624)

★ New line — appointed Korea Exclusive Distributor for ECHA Microbiology · EMCEE Electronics

Lees Corporation, Copyright © 2026

Wireless Fuelling Control

Delta RC · Wireless Deadman Handle — wireless deadman control replacing cabled handles, with remote emergency shutdown & vehicle interlock

Key Functions

- Wireless Deadman (30 m) — cable-free operation
- Remote emergency vehicle shutdown
- Hose reel operation / flow · pump control (option)
- Vehicle interlock when remote unit in use
- User-changeable battery (CR2450, 1+ yr) · Timer



DE220 Remote Unit



CU220 Control Unit

★ Delta RC (Norway) — Exclusive Distributor

DE220 Wireless Fuelling Control — next-gen on the proven DE212 platform
30 years experience · 40+ countries worldwide

★ Safety & Certification

ATEX certification in progress (expected Oct 2026)
EMC / RF compliant · vehicle interlock safety

Lees Corporation, Copyright © 2026

Project Experience — Domestic

EI 1581 / 1596 certified Filter Vessel · sole Parker Velcon Licensee in Korea — deliveries to domestic airports · defense · refinery tank farms

Domestic Airports
Domestic Airports

- Incheon Int'l Airport (2015~2016) — Filter/Separator 4 units, etc.
- Gimhae Int'l Airport (2018~2019) — Filter/Separator 5 units · Air Eliminator 4 units
- Cheongju Int'l Airport (2020) — Filter/Separator 4 units
- Muan Int'l Airport (2016) — Micronic Filter 2 units

Domestic Defense / Military
Defense & Military

- MND aircraft refueler (2017, 2025) — Filter/Separator + Control Valves, 62 units total
- KOVIC Cheongju FX Project (2018)
- Army Aviation (2016, 2021~2022) — Filter/Separator
- KAI G280 test site (2018) — Fuel / Defuel Skid (Wet Leak Test equipment)
- Jeju Air Hydrant truck (2022) — Filter/Separator 8 units

Refinery Tank Farm
Oil Terminals

- SK Energy Incheon (2015~2016) — aviation-fuel Filter Separator
- Hyundai Oil Terminal Incheon (2016~2017) — Filter/Separator 2 units
- Hyundai Oil Terminal Ulsan (2020) — Filter / Sep 1 unit

Lees Corporation, Copyright © 2026

Project Experience — Overseas

Egypt · Mongolia · Bangladesh · Philippines · Malaysia · ExxonMobil — large-scale package supply to overseas airports, defense & oil companies

Overseas Airports · Hydrants
Airports & Hydrant

- Mongolia Ulaanbaatar New Airport (2016~2017) — Filter/Separator 11 units · Hydrant Pit 15 sets, etc.
- Bangladesh Dhaka Airport (2021~2023) — Hydrant Pit 75 sets · Filter/Separator 7 sets

Overseas Defense / Military
Defense & Military

- Egypt MoD (2017~2019) — Filter / Sep 200-unit package
- US Naval Base Philippines (2022~2023) — Jet Refueling Skid 2 sets
- Malaysia NATO refueler (2022) — Filter/Separator 5 units

Overseas Oil Cos.
Oil Companies

- Exxon Mobil Guam · Saipan · Majuro (2016~2017) — Filter/Separator · Micronic (multiple)
- Chinese refuelers (2001~)
- Algeria refueler (2015) — Filter/Separator 7 units
- Thailand PTTOR, etc. (2018~) — Filter/Separator

75 sets Bangladesh Hydrant Pit

200 units Egypt MoD refuelers

10 units Exxon Mobil Filter/Separator

Lees Corporation, Copyright © 2026

Capabilities & Facility

Manufacturing

- ASME U-Stamp certified Vessel manufacturing (No. 41772)
- Vessel manufacturing per EI 1596 3rd and Vessel License
- Custom design & manufacturing per KOSHA & domestic pressure-vessel codes
- Horizontal / Vertical · Mobile / Fixed
- 1999 — Korea's first EI-standard Filter System developed & built

Supply Scope

Component supply → System engineering → integrated Skid package

Design · manufacturing · integrated package supply (installation & commissioning by client)



Airport refueling-facility Filter Skid



Tank Farm refueling equipment



Filter Vessel manufacturing (ASME U-Stamp)



Refueling Skid Unit

Lees Corporation, Copyright © 2026

LEES CORPORATION

Lees Corporation — aviation refueling products & systems specialist

Tel	02-2643-4515	**Homepage**	leescor.com
Fax	02-2643-4518	**HQ / Factory**	28 Yongdu-ro, Daegot-myeon, Gimpo, Gyeonggi-do
Email	lees@leescor.com	**Seoul Office**	#702 Daewoo My Building, 552 Gonghang-daero, Yangcheon-gu, Seoul

Certifications : ASME U-Stamp (No. 41772) | National Board NB Mark | ISO 9001:2015 | ISO 14001:2015 | KOSHA | KESCO | Parker Velcon Licensee

Since 1987 | Gimpo, Korea

Korea's first & largest aviation refueling solutions

Lees Corporation, Copyright © 2026