

Helping aviation
become

Leaner and Greener[®]

AN  ALVEST GROUP COMPANY

TLD
LOCAL SUPPORT, TOTAL COMMITMENT



Helping aviation become Leaner and Greener®

TLD is the global leader in the GSE industry

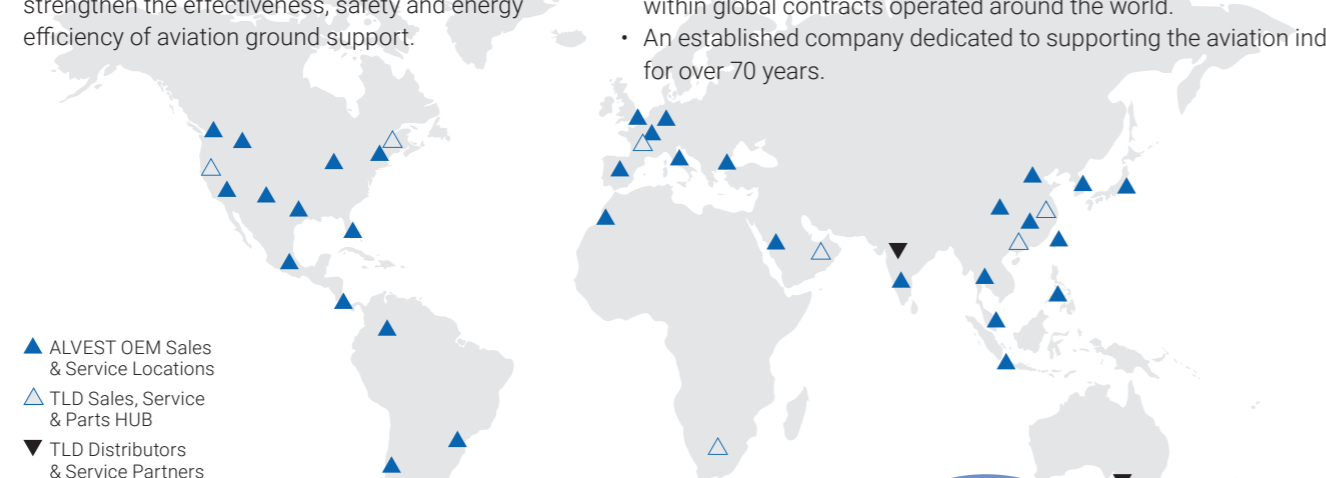
We are dedicated to designing, manufacturing, distributing and supporting technical products for the aviation industry, including aviation Ground Support Equipment, spare parts and services. TLD aims to lead in these markets.

We consistently invest in innovation, product development, manufacturing and customer support process improvements.

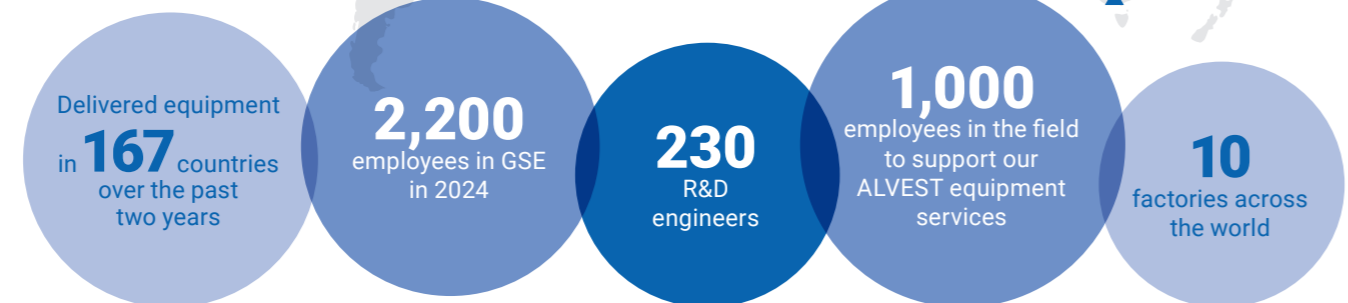
We pride ourselves in our ability to increase and strengthen the effectiveness, safety and energy efficiency of aviation ground support.

What TLD can offer you:

- The strength of the leading GSE manufacturer, and the full involvement of a team who values reactivity, flexibility, transparency and continuous improvement.
- The most advanced products portfolio for helping aviation become Leaner and Greener®.
- People behind your equipment: a strong commitment to customer support, backed by continuous investment in after-sales and spare parts services whilst supported by powerful IT platforms.
- A comprehensive industrial presence, with 10 factories around the world, allowing us to serve you locally, wherever you are.
- A large Sales & Service Network to coordinate your international sales, within global contracts operated around the world.
- An established company dedicated to supporting the aviation industry for over 70 years.



▲ ALVEST OEM Sales & Service Locations
 △ TLD Sales, Service & Parts HUB
 ▼ TLD Distributors & Service Partners



Our motto, more than ever, Local Support, Total Commitment

Our commitment is to support our customers with diligence, responsiveness, expertise and transparent communication. We have developed systems to support our customers rigorously and efficiently. As we value transparency, any customer can be granted access to TLD EXTRANET functions.

Our strong international Spare Parts team and our global parts inventory of more than 40 MUSD and almost 160 employees, located around the world are at your disposal, with the objective to ship 85% of orders same day. TLD has the most comprehensive worldwide network for Sales and Services, organized in 6 regional entities with over 45 TLD locations, with a TLD office always close to you.

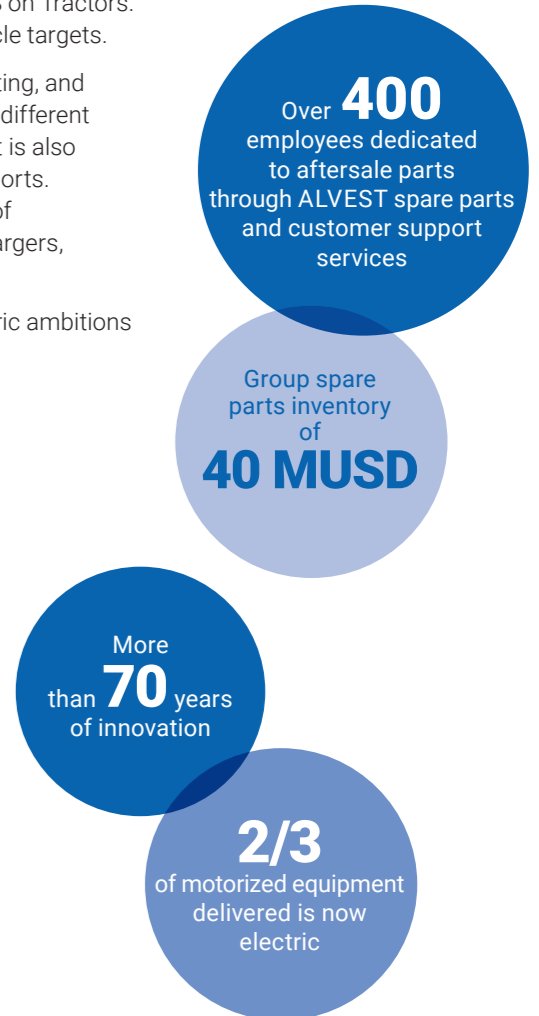
TLD is operating globally whilst combining local manufacturing and capabilities with an integrated global logistics and supply chain.

Choose TLD and be future ready

Electrification was launched more than 30 years ago, at a time where finding components was a challenge. Today TLD offers an entire electric range of GSE. But as technologies improve, we focus on Efficiency and Safety, with solutions like the reGen technologies on Loaders or the PMCS on Tractors. With this ambition, your TLD GSE can now meet your duty cycle targets.

But the real challenge today is to insert the eGSE into the existing, and evolving infrastructure. Not only the infrastructure you face is different in every location (and sometimes even within the location) but is also constantly changing, with unclear charging plans in many airports. To address this situation, TLD has developed a complete set of technologies, from Alternative Power Sources to on board chargers, able to connect to all sorts of power.

Those technologies are now allowing you to bridge your electric ambitions to your infrastructure challenges.



All committed to Zero Group Emissions

Despite today's environmental, societal and economic challenges, we are committed to a Zero Ground Emission objective. Our Group has been engaged for many years on a conscious path to best respect our planet and our people. At each stage, we ensure that the optimal solutions are implemented.



1 The People Company, talents on the move!

TLD considers people as its most valuable asset. Caring about them is therefore an essential leadership act. Since 2020, TLD has engaged with the ALVEST initiative to become a People Company. Among many other important considerations such as non-discrimination, diversity or gender equality or work life balance for every individual, TLD is engaged in personal development through its learning platform called AGILE. Equally, TLD favors empowerment and encourages career development within the Company, developing talents within the Group.

2 A team driven by strong values and ethics

The success of any company is a result of the collective efforts of its employees. TLD has always been a Group driven by values, shared among all our employees. Those values are making our Company what it is today, and is differentiating us. As a Group we ensure that we have fully engaged teams throughout the world to undertake the challenges of our industry. The development of long serving employees as well as a mid and long term view on the business is paramount to our Group's sustainable performance. Hence this strong dedication to talent management.

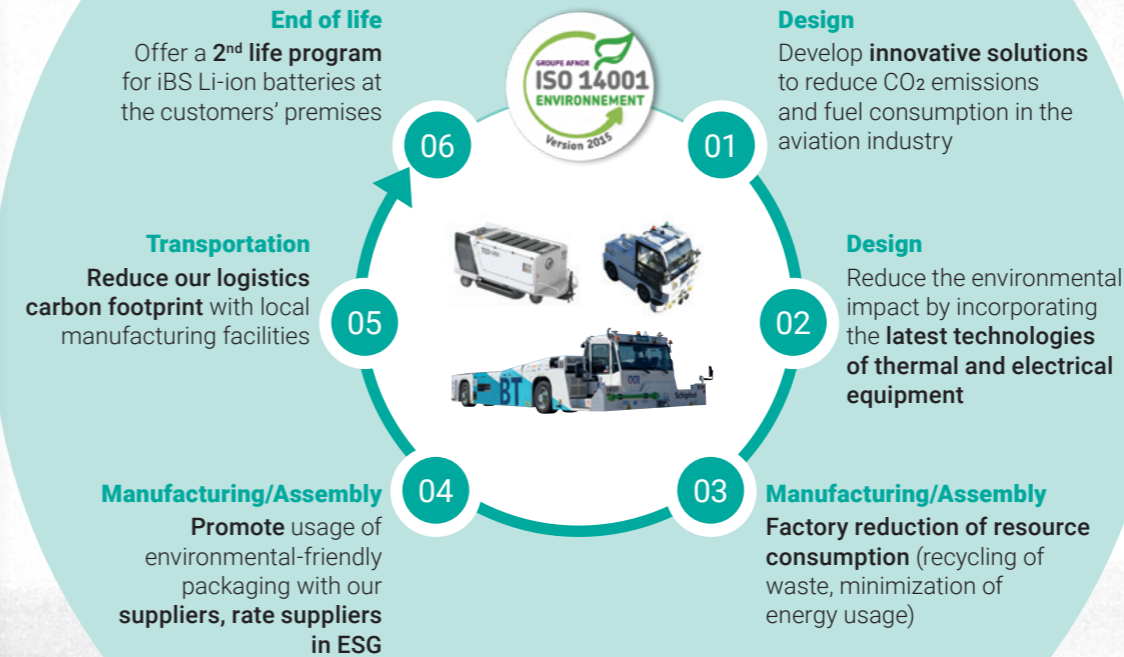


3 Green Solutions for a Zero Ground Emission aviation

To help aviation become Leaner and Greener®, TLD has developed a complete range of GSE with electric drivelines. However, eGSE goes beyond replacing internal combustion engines with electric motors and we have developed a comprehensive set of solutions to integrate your eGSE in your evolving infrastructure.

A greener aviation is not only the implementation of electric GSE, it is also helping our customers to avoid emissions generated by the aircrafts on the ground, turning the aircraft engines or the APU off. TLD is proudly supporting **Smart Airport Systems** with solutions like the TaxiBot® for Green Taxiing, or COMBO Carts for APU OFF solutions.

Our Environmental Policy



4 Acting worldwide, but also locally to support people and the planet

TLD is optimizing resources thanks to the RANGER Program (Regional Assembly Network, Global Engineering Ressources) allowing us to produce locally, wherever you are. You are not only saving costs and time with less transportation, but you are also reducing your CO₂ emissions associated to your inbound transportation.

We have also developed solutions like TLD iBS, our Li-ion battery system, using LFP technologies, with a far lower impact on the environment compared to other Li-Ion solutions, but also with a more eco-friendly production process (especially avoiding cobalt mining) and a safer technology.

Our re-use strategy, allowing to reuse the same battery in various equipment as the battery will age, is the smartest way to recycle Li-Ion batteries and the more effective way to save costs!

We are also combining a global sourcing approach to avoid waste and energy consumption in the logistics operations. Local suppliers are selected when economically viable to speed up the supply chain while optimizing resources and minimizing transportation carbon footprint.

EMS* - ISO 14001: Provides a framework to reduce our environmental impact through continuous improvement of our processes
EMS* = Environmental Management System



Our mission: Supporting Leaner and Greener® aviation

In 2020, we made the choice to embark under the ALVEST banner onto the United Nations Global Compact Program as a member of their French chapter.

Following a first submission of a “COP”, or “Communication on Progress” to the United Nations Global Compact, with the Advanced Level, our Group has constantly and consistently progressed in addressing the challenges set by the Sustainable Development Goals.

From design to manufacturing to commercialization, we are committed to follow the path laid by the United Nations for 2030 as detailed in our Group Environmental, Social and Governance Principles. We pride ourselves in serving this purpose with the greatest care for our global eco-system.

- **We recognize a shared responsibility to protect our planet.**

As such, reducing our environmental footprint and contributing to the reduction of the environmental footprint of the aviation industry through our products and services, is one of our key objectives. We are committed to promoting a circular economy whenever practical, to using sustainable resources and sourcing responsibly.

- **We take seriously our responsibilities to protect, support and offer fulfilling development opportunities to our employees.**



WE SUPPORT



WE QUALIFY



- **We proactively pursue dialogue with our stakeholders.**

We value transparency in the information we provide and do the utmost to always act with integrity, build trust and create value to our customers and business partners. We aim to contribute to the economic and social development of the regions in which we work.

- **We are actively involved in setting international standards for an ethical and responsive aviation industry.**

We adhere to the principles set out in our Code of Ethics and Business Conduct and we strongly believe that it is also our responsibility to make our best efforts to ensure that all our business partners act with integrity and observe the same ethical principles.

The achievement of our goal is supported by our long-term vision, our culture and values that are rooted in service, integrity, respect for each other, transparency and accountability for all our stakeholders.

This is an important step for our Group as it underlines even more our ALVEST mission to “Help Aviation become Leaner & Greener®”, and fits well with our ISO 14001 certification and Solar Impulse Foundation labels (TractEasy®, Engine Off Solution & APU Off Solution).

Our industry needs to control and reduce its impact on the environment and to bring a positive human and social contribution to society and the people.

The hard work of all teams involved, allowed us to qualify directly for the Advanced Level of the Global Compact with our COP. **This is an important milestone in the United Nations books as we are the only GSE manufacturer member to date.**

R&D, innovation for 70 years



A holistic approach to GSE manufacturing and more

TLD holds a comprehensive suite of technical capabilities that encompass a broad spectrum of disciplines, including mechanics, hydraulics, and powertrains. Our expertise is not confined to these areas alone; we also excel in electrical, electronic, and software engineering, power conversion, image processing, and automation.

This extensive skill set is not purely theoretical but is applied practically across the Group's value chain. From research and development to production and global after-sales support, TLD integrates these competencies to deliver innovative solutions. Our commitment to leverage the latest technologies ensures that we offer the most advanced product lines while maintaining the core values of simplicity, reliability, and ease of maintenance.

This holistic approach positions TLD as the industry leader, in the design and manufacture of Ground Support Equipment (GSE), where we consistently utilize cutting-edge technologies to meet and exceed customer expectations.

The integration of these diverse technologies enables TLD to provide comprehensive, end-to-end solutions that are both advanced and user-friendly, reflecting dedication to excellence in every aspect of operations.

Our 70 years of history

TLD, the Ground Support Equipment (GSE) leader, has celebrated in 2023 its 70th anniversary, marking the occasion with a reflection on its continued success and commitment to customer-focused values.

Leadership at TLD, including Jean-Marie Fulconis and Antoine Maguin of ALVEST, emphasize the importance of adhering to a set of 12 core values that guide the company's decisions and innovations. Central to TLD's ethos is the prioritization of customer needs and the pursuit of Leaner and Greener[®] aviation solutions, a vision that has been part of their strategy since the early 2000s.

The company's dedication to developing electric and/or autonomous GSE aligns with the broader sustainability agenda in aviation, a commitment that has gained momentum as the industry recognizes the necessity of becoming more environmentally friendly. TLD's readiness to meet these green initiatives has positioned them favorably as customers increasingly adopt electric equipment.



2/3
of motorized equipment delivered is now electric

230
R&D engineers

Solutions for a sustainable future, today

TLD strategy has been for more than 70 years to develop breakthrough solutions to promote aviation carbon footprint reduction and to support our customers in changing behaviors and setting new standards. We invest today for tomorrow. We aim to offer a greener, leaner and safer turn-around.

The **TaxiBot[®]** is today the only green certified taxiing solution available on the market. It is a semi-robotic electric towing vehicle designed for taxiing airplanes from the boarding gate to the takeoff runway without the use of jet engine power. SAS & TLD as founding members of the program, have built several units performing today in live conditions.

Allowing engine-off solutions with **SAS** products is perfectly illustrated with the deployment of the TaxiBot[®] allowing airlines to switch off the aircraft main engines during taxiing (in and out) while significantly decreasing the polluting emissions at the airport (around 37% of aircraft emissions and 20% of airport total emissions). All this is thoroughly monitored and controlled with ad-hoc systems available with all TLD equipment.

TaxiBot[®] is directly generating savings even if the price of jet fuel fluctuates as high carbon taxes increase regularly. The savings are direct savings to the airlines operating costs.



TaxiBot[®]
Quieter, safer & cleaner taxiing



EZTow[®]
Setting the standard like no other!

An illustration of GSE automation already available is **EZTow[®]**. This is the most advanced autonomous towing solution on the market, capable of streamlining inter-buildings material flows while reducing labor costs and increasing safety.

It is a driverless TLD tow-tractor that not only facilitates a significant increase in productivity, efficiency, labor and maintenance savings but also allows enhanced safety and process compliance. The EZTow[®] has been co-developed by TLD with **EasyMile**. Its mission is to move cargo in an autonomous manner, under the supervision of dedicated fleet management software, from terminal to terminal, or terminal to aircraft. EZTow[®] relies upon multiple sensors (lidars, radars, IMU, GPS, wheel encoders, 3G/4G modem, V2X on-board units, and stereo cameras), that are

integrated with the EasyMile driverless software to read and navigate the surrounding environment.

EZTow[®], does not require any infrastructure change, yet utilizes its technologies to collect, store, and analyze data in the following areas to ensure the vehicle can operate safely:

- **Localization:** Identifying where the vehicle is located with an accuracy of 5 centimeters.
- **Navigation:** Understanding where the vehicle is headed on a predefined route. Using V2X technology, the vehicle is able to receive information from its environment and interact with it. The vehicle is also able to receive missions from the supervision center.
- **Perception/Obstacle Detection:** Processing what is happening around the vehicle and adjusting its behavior accordingly.

A complete range of innovative and reliable products

TLD, as a brand of the ALVEST Group, stands as a beacon in the Ground Support Equipment industry, catering to airlines operating aircrafts, with over 100 seats.

TLD's product range is a testament to modern engineering, combining reliability with Leaner & Greener® performance on the ramp, all while delivering cost-effective solutions.

Innovation is the cornerstone of TLD's ethos, with an experienced engineering team driving advancements in Green Aviation, Safety, and Automation to enhance Efficiency.

We offer a complete range of innovative and reliable products.

Our 10 factories with 45 sales and service offices across all continents ensure that, no matter where you are located in the world, we offer Local Support, Total Commitment.

ELECTRIC

HYBRID

HYDROGEN

Towbarless Aircraft Tractors



Conventional Aircraft Tractors



Passenger Service GSE



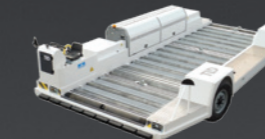
Cargo GSE



Baggage & Cargo Tractors



Loaders



Transporters



Belt Loaders

Aircraft Service GSE



Air Start Units



Ground Power Units



Air Conditioning Units



Passenger Stairs

Others



Maintenance Platforms



Trailers and Dollies



Lavatory and Water Trucks

Innovation



TaxiBot®



EZTow®



EZDolly®

Challenges of Electrification of the ramp

Adaptable and Alternative Power Sources to keep GSE going green!

To help aviation become Leaner and Greener®, TLD has developed a complete range of GSE with electric drivelines. However, eGSE goes beyond replacing internal combustion engines with electric motors.

Our industry, and our world, are today addressing several challenges at the same time, and our joint mission is to address them at the earliest opportunity:

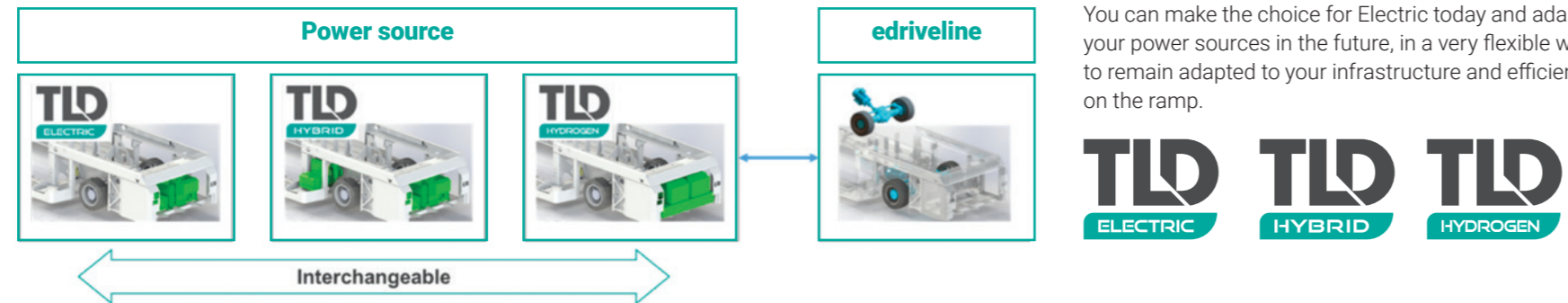
- 1** Internal Combustion engines will disappear, and this will happen in the course of the lifetime of the GSE you will acquire now.

That evolution needs to be anticipated in an economical and practical perspective.
- 2** Infrastructures will adapt over a longer time-frame resulting in discrepancy between operations needs and available infrastructures.

Whilst technological choices exist, Electric, HV or LV, Hydrogen..., you need to acquire GSE that will adapt to existing infrastructure and allow you to operate with existing constraints as well as being future ready.
- 3** After a shortage of infrastructure, airports will face shortages in power supply.

While today, The GSE industry is focused on Turning Electric, TLD is already anticipating and developing efficient Electric Drivelines, allowing significant power consumption reduction, up to 50%.

To address these challenges, TLD has pioneered Electric GSE for more than 20 years now, and continues to innovate with Electric Drivelines, associated to alternative Power Sources (Batteries, Hybrid, Pluggable Hybrid or Fuel Cells), allowing you to adapt your GSE to the infrastructure you have access to.



You can make the choice for Electric today and adapt your power sources in the future, in a very flexible way, to remain adapted to your infrastructure and efficient on the ramp.

Your CO₂ emissions will drop, together with your Total Cost of Ownership!

Lead Acid batteries have provided for many years Power and Weight to Ground Support Equipment, allowing rapid conversion to Electric GSE.

They remain today a good solution for many applications.

But Lead Acid batteries also bring some constraints, including rigorous and regular maintenance requirements:

- Long charging process, and adverse effect of partial charging on battery life
- Only 80% effective capacity as battery shall not be discharged lower than 20%
- Power and Efficiency loss over relatively short life cycle
- Limited power regeneration opportunity due to low feedback current allowed
- Safety Hazards: acid spills, fumes, heavy weight to handle
- Battery life can be severely affected by extreme weather conditions and usage conditions

For all these reasons, we developed the TLD IBS Li-ion technology...



Focus on Electric GSE, taking the challenge smartly

1 The efficiency challenge

With internal combustion engines, efficiency was a concern, but not a limit. We could always compensate by a slightly bigger engine. If TLD has worked for many years to optimize the fuel consumption with outstanding results (more than 20% fuel efficiency gain on our latest generation GPUs), eGSE is bringing a new challenge where every kWh available must be used for the operation and not wasted in efficiency loss.

To that extent, eGSE is a totally different concept, promoting direct drive versus hydrostatic typically.

The result with the reGen loader line is astonishing, with a loader achieving more than a full day operation under the most adverse airside conditions.



2 The battery cooling challenge

eGSE is associated with batteries, and while we used Lead Acid batteries for many years, the more demanding GSE now require solutions that are more effective: the Li-ion batteries.

Those allow for larger capacity but also much higher power to address your needs.

With that higher power demand, batteries tend to heat, and the simple solution is to cool the batteries. This works but it comes with a very high loss of efficiency to compensate for the heat lost, but also the cooling capacity.

With the TLD iBS solution, we have developed a unique system that is so optimized that it can work without cooling, even in the harshest conditions.

And eGSE without cooling is not only more efficient, it is also a lower maintenance cost and a simpler machine!

3 The performance opportunity

eGSE is a perfect balance between performance and efficiency. To improve that balance even further, TLD has developed a specific software, the PMCS®, that considers your on-going operations as well as the unit condition (battery level, temperature, etc.) to define the optimal functioning of the unit.

This will give you the best out of your GSE. All the time.



The IBS Li-Ion benefits:

More Energy

- 30% more energy density vs. Lead acid battery
- 95% capacity available (vs. 80% in for Lead acid)
- Lighter weight allowing for increased driving mileage
- Less heat generation inside battery leading to increased efficiency
- Less voltage drop
- Maximum discharge possible across wide temperature range, from -30°C up to 60°C

No Maintenance & Longer lifetime

- Maintenance free: no water refilling, battery clean-up, no need for ventilated charging room, etc.
- Average life of ~1,000 cycles for Lead acid vs. 2,000+ full cycles with iBS (and significantly more partial cycles)
- Capacity still at 80%+ after 2,000 cycles, allowing for longer life as several thousand full charging cycles remain available
- No battery check needed thanks to BMS (Battery Management System) monitoring

Longer Runtime

- Unrestricted opportunity and quick charging: e.g. "Lunch & Charge", "Break and Charge" opportunities
- Optimized fast charging process, no adverse effect if charging is interrupted
- More regenerative braking and energy recoup
- Multi-shift availability: no need for battery swaps and handling equipment
- Decentralized charging stations in optimized locations

Safe and Reliable

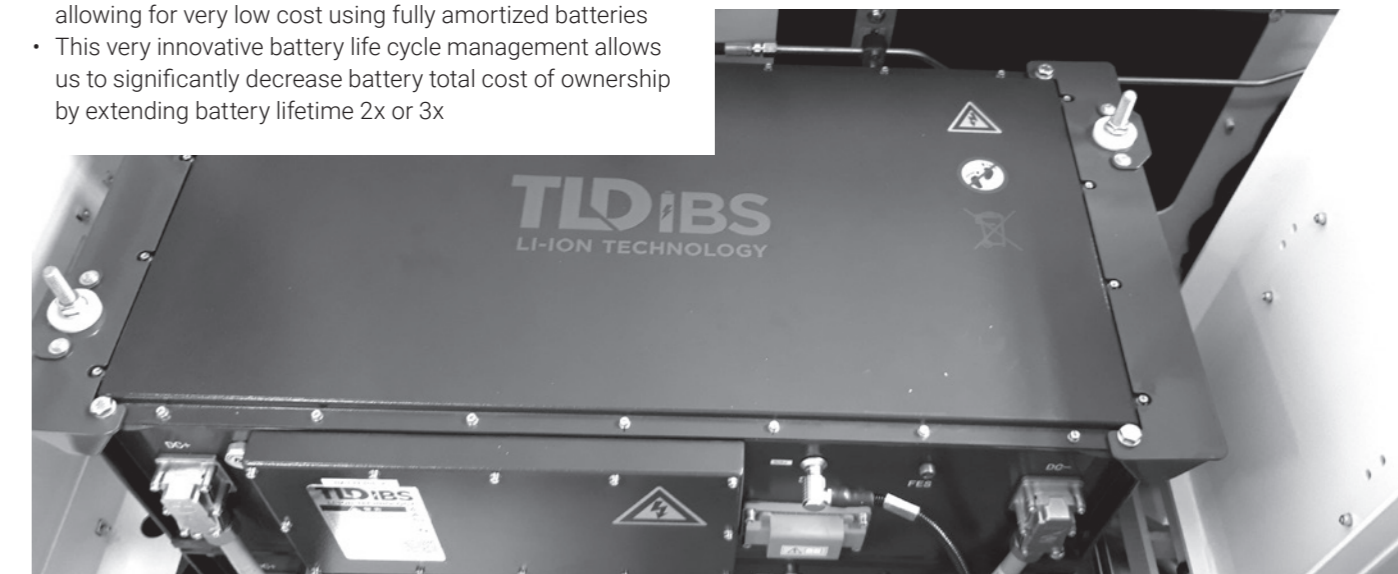
- BMS (Battery Management System) monitoring with integrated sensors
- No acid spills, no fumes or gasses
- No toxic substances: Cd, Pb,...
- No explosion hazards
- Designed for harsh environment all connectors are sealed IP 67/IP 65
- Warranty: 5 years + 5 years prorata
- Option for fire extinguishing system

Unique iBS Life Cycle Management to minimize Total Cost of Ownership

- New iBS batteries are used on the most demanding applications
- After a first life, and when iBS battery performance shows slight decrease, iBS battery is installed into a less demanding application
- Oldest iBS batteries are used on light duty equipment, allowing for very low cost using fully amortized batteries
- This very innovative battery life cycle management allows us to significantly decrease battery total cost of ownership by extending battery lifetime 2x or 3x

iBS modularity

- iBS consists of 80 VDC packs that can be combined like building blocks, to build batteries in 22 kWh increments (44, 66, 88 kWh or higher)
- Same iBS can be used across all TLD electric product lines
- Additional packs can be easily installed on-site when needed to increase capacity of the battery for higher duty requirements, allowing for optimization of the installed battery capacity
- Size and dimensions of the packs were carefully defined to match the size and geometry of all existing battery compartment of TLD Electric GSE
- iBS can operate in low voltage (80V) as well as high voltage (240V or more) configurations



iCHARGER & eGPU

The POWER-409 is an innovative Zero Emission Ground Power Unit (GPU) that utilizes TLD iBS Lithium-Ion Phosphate (LiFePO4) technology, known for its safety and efficiency.

It's designed for use in remote aircraft positions and hangars lacking fixed 400Hz infrastructure, offering silent operation with over 95% efficiency.

The unit's modular battery system not only provides flexibility but also supports a sustainable battery second life for various ground support equipment. Additionally, the POWER-409 doubles as a power bank for recharging electric Ground Support Equipment (GSE) on the ramp.

With a range of capacity options and compatibility with standard aircraft power requirements, it exceeds industry standards and offers remote monitoring capabilities, making it a versatile and eco-friendly solution for aviation power needs.



Autonomy, safety and innovation on the ramp

The evolution of autonomous operations in aviation is a testament to the industry's commitment to innovation and efficiency. Ground handling operations, a critical component of airport management, are transforming with the integration of various levels of automation.

The journey begins with driving supervision and progresses through advanced driver-assistance systems (ADAS), culminating in fully driverless vehicles. Each step of automation not only promises financial and operational benefits but also enhances safety by minimizing the human error factor.



TLD's introduction of the ASD® (Aircraft Safe Docking) system and its subsequent iterations, including the ASD+® target less with its "No Touch" feature, illustrate TLD's ability to lead the industry's move towards smarter technology.

These systems are designed to prevent Ground Support Equipment (GSE) from causing damage to aircraft, particularly those constructed with carbon fiber, aligning with the latest ISAGO standards listed in the AHM.

Moreover, the ASD+®, TLD's automatic docking system for loaders, showcases the practical application of automation in reducing costs and increasing efficiency. By relying on a target less design, the ASD+® ensures a high reliability rate, avoiding the risks associated with false positive tracking.

This strategic approach to automation in ground handling not only meets current safety and efficiency standards but also sets the stage for the future advancements that will continue to shape the aviation industry.



The evolution from ASD® to ASD+® represents a significant leap in the field of Ground Support Equipment (GSE) technology. ASD+®, an advanced driving assistance system, aims to mitigate human error during the aircraft docking process by managing steering and lifting operations. This system is not only a progression from the TLD Aircraft Safe Docking System but also a move towards full automation of the docking process.

With impact damage being a costly issue for airlines, ASD+® addresses this by reducing the potential for ground damage caused by GSE such as cargo loaders, passenger stairs, and belt loaders. The system's design acknowledges that ground damage events often result from a complex interplay of human errors, SOP, violations, and latent conditions.

By minimizing human factors, ASD+® reduces the likelihood of such errors and violations, while its incident reporting feature provides valuable data for preventing future incidents. The new features of ASD+® include speed control in proximity to aircraft, creep speed activation upon aircraft detection, contact detection, event recording, and enhanced safety measures for docking.

Notably, the system introduces innovations like door detection without targets, automatic adjustment of folding trays, and a no-touch automatic stop feature, all contributing to a safer, more efficient, and automated docking experience. These advancements reflect a broader trend in aviation towards increased automation to improve safety, efficiency, and reliability in operations.

How does ASD+® work

- Vision sensors identify the door to establish a valid path.
- The auto-steer function is activated by the operator once the path is confirmed.
- Movement is initiated using the approach joystick, allowing for automatic steering, with the option for manual override via the steering wheel.
- The front platform adjusts to the door height automatically during the approach.
- The unit decelerates as it nears the aircraft.
- The vehicle halts movement before making contact with the door sill, ensuring precise positioning.

CAAS[®], Collision Avoidance Assistance System

The Collision Avoidance Assistance System (CAAS[®]) is an advanced safety feature designed to prevent accidents involving baggage tractors and dollies. It operates by scanning the environment to detect obstacles and predict potential impacts based on the vehicle's speed and trajectory.

The system alerts the operator with auditory and visual warnings that escalate as the risk of collision increases. Similar to a park assist system, it provides a slow beeping and yellow warning for distant obstacles, which turns into a fast beeping and red warning as the obstacle gets closer.

The system's vision sensor is strategically mounted at the front of the vehicle, 14 inches above ground level, shielded by a large bumper and a robust metal plate to ensure durability and protection against the elements. It utilizes existing chassis holes for easy field retrofitting and is equipped with direct rain or snow protection.

CAAS[®] also includes a dolly detection feature, which activates rear-side collision detection when dollies are present. The system's Human-Machine Interface (HMI) allows for adjustable lateral detection distances and time-to-collision parameters, ensuring that the system is configurable to various operational needs and vehicle types, including JET-16, JST, and JCT.

This adaptability, combined with the availability of retrofit kits, makes CAAS[®] a versatile and essential tool for enhancing safety in daily operations.



Digitalization of equipment simplifying the turn-around and the moves on the ground

The digital transformation of equipment for optimized use is illustrated by the TLD LINK solution (or LINK), which was developed in 2020.

This flexible telemetric tool provides real-time access to key data of the equipment, such as position, speed, status, fuel consumption, battery state of charge, and engine temperature and error codes.

This new tool will help our customers in managing successfully their fleet of GSE with the relevant data analytics to support them in completing their jobs more efficiently. LINK brings better control to their fleet engagement, energy consumption and maintenance intervals, but also reduces operating costs whilst keeping resources in circulation. LINK also contributes to safety.

Since LINK will make it possible to conduct remote diagnostics, technicians can intervene more rapidly and efficiently remotely or in person when needed, and reduce downtime.



```
...VisualTemperature.Evaluate(0f);
...GetComponent<GameController>().StartingTemperature;
...GetComponent<GameController>().StartingTemperature;
```

```
...to calculate the heating factor
...GetComponent<Raycast>().RayAmount;
```

```
...VisualTemperature
...StartingTemperature;
...Time.deltaTime;
```

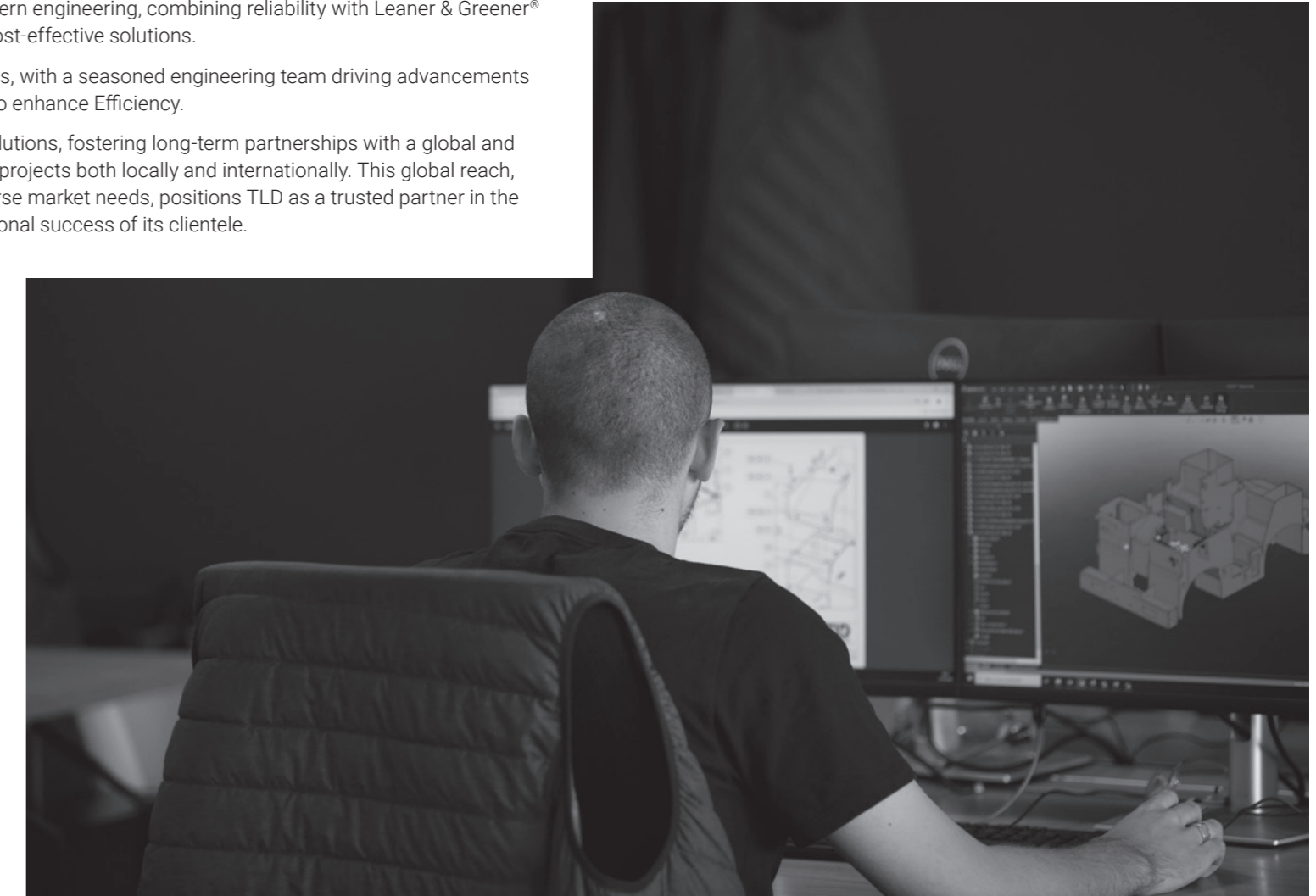
Innovation is the cornerstone of TLD's ethos

At the core of TLD's operations are dedicated teams, deeply invested in innovation, production obviously, and customer support, demonstrated through significant investments in after-sales services, spare parts availability, and a sophisticated IT infrastructure.

TLD's product range is a testament to modern engineering, combining reliability with Leaner & Greener® performance on the ramp all while being cost-effective solutions.

Innovation is the cornerstone of TLD's ethos, with a seasoned engineering team driving advancements in Green Aviation, Safety, and Automation to enhance Efficiency.

TLD's vision extends beyond immediate solutions, fostering long-term partnerships with a global and multicultural perspective, ready to support projects both locally and internationally. This global reach, coupled with a deep understanding of diverse market needs, positions TLD as a trusted partner in the aviation sector, ready to elevate the operational success of its clientele.



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