

MANUFACTURING LOGISTICS



Large-scale services and high-level partnership with each OEM in support of efficient passenger vehicle production

The performance of a lead logistics provider (LLP) directly impacts the core business of manufacturing passenger vehicles. OEMs demand proven capabilities in large-scale and complex operations, process change agility, and improvement innovation.

TYPICAL BUSINESS CHALLENGES

- Achieving operational excellence
- Ensuring process efficiency
- Enabling pull logistics & JIT delivery
- Managing a vast workforce
- Driving & thriving in change



DHL SOLUTION

Customized by a global expertise team, this solution is always sponsored and supported by DHL senior management. It draws on the knowledge and experience of DHL's global auto-mobility community and leverages substantial specialty worldwide resources for large-scale passenger vehicle plant operations.

SOLVING YOUR BUSINESS CHALLENGES

- ✓ **Achieving operational excellence** – Multi-site warehousing and handling; managing inbound/outbound flows; inventory accuracy and first-in, first-out management; specialized warehouse management system working with pull triggers and plan-for-every-part (PFEP) database
- ✓ **Ensuring process efficiency** – Execute small and bulk parts metering, sub-assembly, sequencing, kitting, repacking, and other value-added activities; joint design for error-proof processes; system-driven inventory and location status visibility/control
- ✓ **Enabling pull logistics & just-in-time delivery** – Feed the production line accurately and efficiently; fulfill strict time and sequence (JIT/JIS) requirements; joint design for process and equipment usage optimization
- ✓ **Managing a vast workforce** – Experienced human resources (HR) management to build morale, deployment flexibility, and a quality mindset; onboarding, training, team-building, and KPI monitoring to boost productivity
- ✓ **Driving & thriving in change** – Dedicated engineering team to jointly design and execute process modification based on change programs

FOR COMPLEXITY ON A LARGE SCALE, THE POWERFUL COMBINATION OF PARTNERSHIP AND PROVEN EXPERTISE



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KEY BENEFITS FOR YOUR BUSINESS



INNOVATION

Specialty knowledge and experience for continuous improvement



PEACE OF MIND

Reduce risks to the core business through close, senior-level lfp collaboration



TECH-DRIVEN

Robotics (agvs, pick automation) and data-driven process engineering increase productivity



CHANGE-FRIENDLY

Handle line speed adjustment, model changes, station changes, and more