

An aerial photograph of the DefTech Pekan Plant. The image shows several large industrial buildings with blue and white roofs. A central building has a green facade and large windows. There are parking lots with cars, a small airplane on the tarmac, and a gate with a guardhouse. The background shows a forested area and a road.

DEFTECH

DEFTECH PEKAN PLANT

MANUFACTURING FACILITIES & PRODUCTION CAPABILITIES

Member of DRB-HICOM



DEFTECH PEKAN PLANT :

DEFTECH's Manufacturing Plant, strategically located in Pekan, Pahang, stands as a state-of-the-art manufacturing facility that was completed in 2001. Sprawling across 29.1 acres of prime industrial land with impressive dimensions of 807.6 metres in length and 160 metres in width, the plant features a substantial built-up floor area of 35,000 square metres. This world-class facility demonstrates exceptional production capabilities with an annual capacity of 45 units based on the AV8 GEMPITA armoured vehicles, positioning DEFTECH as a key player in Malaysia's defence manufacturing industry and contributing significantly to the nation's self-reliance aspirations.

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FACILITIES & SERVICES





PRODUCTION LINE



MACHINERY

Our facility is equipped with machinery to support comprehensive vehicle assembly and maintenance operations. Our equipment inventory includes:

AIRCOND MACHINE- For climate controlled system installation and maintenance

ALIGNMENT MACHINE (JOSAM) - Precision wheel alignment and vehicle geometry correction

HULL CART - Heavy-duty transport for vehicle chassis and hull components

LIFTING JACK - Hydraulic lifting equipment for vehicle servicing

OVERHEAD CRANE 10-TONNE VME - Heavy lifting capacity for major assemblies

OVERHEAD CRANE HANDLING 1-TONNE VME - Precise handling of lighter components

OVERHEAD CRANE HANDLING 3-TONNE VME - Medium-duty lifting operations

OVERHEAD CRANE 10-TONNE DEMAG - Additional heavy-duty lifting capability

OVERHEAD CRANE HANDLING 1-TONNE DEMAG - Complementary light-duty operations

OVERHEAD CRANE 10-TONNE MHE - Enhanced heavy lifting infrastructure

OVERHEAD CRANE 5-TONNE MHE - Mid-range lifting and positioning

SEFAC COLUMN LIFTER - Specialised vehicle elevation system

BENCH GRINDER - Precision grinding and finishing operations





PRODUCTION CAPACITY

Our production facility demonstrates versatile capabilities across armoured and commercial vehicle assembly. We maintain efficient production timelines while ensuring quality standards for various vehicle categories.

ARMoured VEHICLES

- AV8 GEMPITA (Assembly) Process Lead Time: 19 weeks | Production Capacity: 5 units per 2 months

NON-ARMoured VEHICLES

- 3-Tonne GS Cargo (Assembly) Process Lead Time: 1 week | Production Capacity: 3 units per week

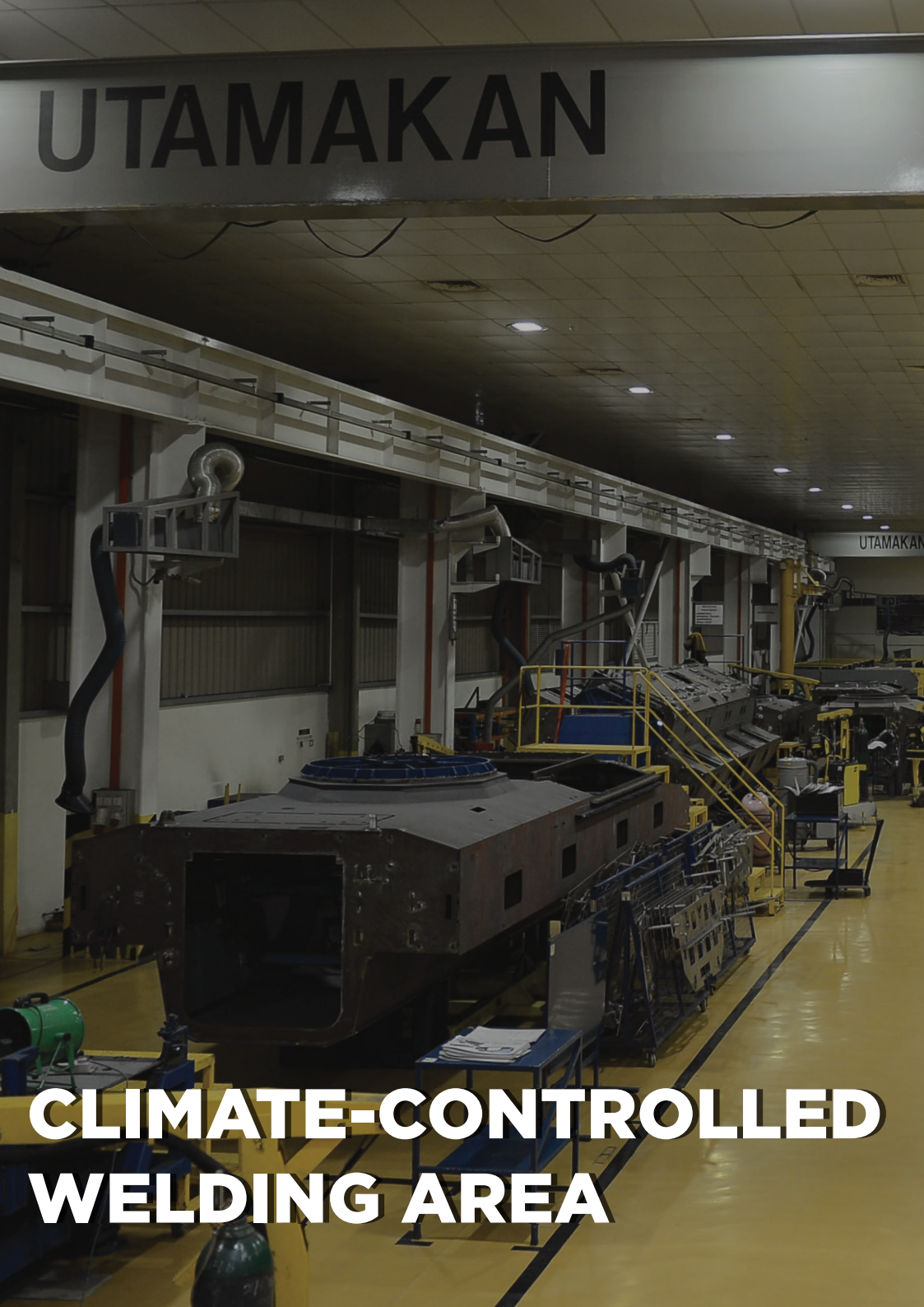
COMMERCIAL VEHICLES

- Alexander Dennis Limited (ADL) Bus (Assembly) Process Lead Time: 8 weeks | Production Capacity: 4 units per week

Our streamlined production processes ensure timely delivery across all vehicle categories while maintaining the highest quality standards and safety protocols.



UTAMAKAN

A wide-angle photograph of a large industrial facility, likely a shipyard or a large-scale manufacturing plant. The scene is dominated by a large, dark, rectangular metal structure, possibly a hull section, which is the focus of the welding work. This structure is positioned on a yellow-painted floor. To the right of the main structure, there are various pieces of industrial equipment, including a yellow crane or hoist system and a blue metal frame. In the background, the facility extends into the distance, with more structural elements and equipment visible. The ceiling is high and features a grid of recessed lighting. The overall atmosphere is one of a busy, large-scale industrial environment.

CLIMATE-CONTROLLED WELDING AREA



CORE MANUFACTURING EQUIPMENT

Our facility is equipped with comprehensive manufacturing machinery to deliver precision engineering solutions:

CUTTING & FABRICATION

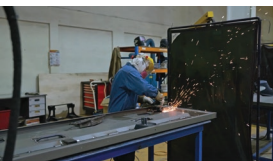
- Plasma cutting systems for precise metal cutting
- Laser cutting machine for intricate designs
- Bandsaw and shear for material preparation
- Hydraulic steelworker for punching and shearing operations

FORMING & MACHINING

- Press brake for precision metal bending
- Pipe bending machine for complex tubular structures
- Lathe and milling machine for precision machining
- Hydraulic press (manual) for forming operations
- Radial drill for accurate hole placement
- Magnetic drill for on-site drilling applications

WELDING CAPABILITIES

- 12 ESAB three-phase welding machines
- 2 KEMPPI single-phase welding machines
- 3 additional welding machines for diverse applications
- 2 Nederman fume extractors ensuring safe working environment





PRODUCTION CAPACITY & EXPERTISE

SPECIALISED EQUIPMENT

- Milling machine (1 unit) dedicated for Turret Riser applications

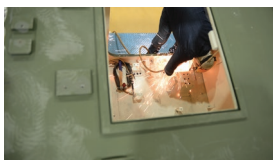
ARMoured VEHICLE MANUFACTURING

- AV8 GEMPITA (Welding): 15-week process lead time with capacity of 5 units per 2 months, demonstrating our expertise in complex armoured vehicle fabrication

NON-ARMoured VEHICLE PRODUCTION

- 3-Tonne GS Cargo (Welding): 2-week process lead time with capacity of 3 units per week, showcasing our efficiency in commercial vehicle manufacturing

Our diversified production capabilities enable us to handle both specialised defence projects and high-volume commercial manufacturing with consistent quality and reliability.





PAINT SHOP



OUR PAINTING CAPABILITIES

ARMoured VEHICLES

AV8 GEMPITA armoured vehicles with 4-week lead time.

Capacity: 5 units per 2 months.

NON-ARMoured VEHICLES

3-Tonne GS Cargo vehicles with 1-week lead time.

Capacity: 3 units per week.

COMMERCIAL VEHICLES

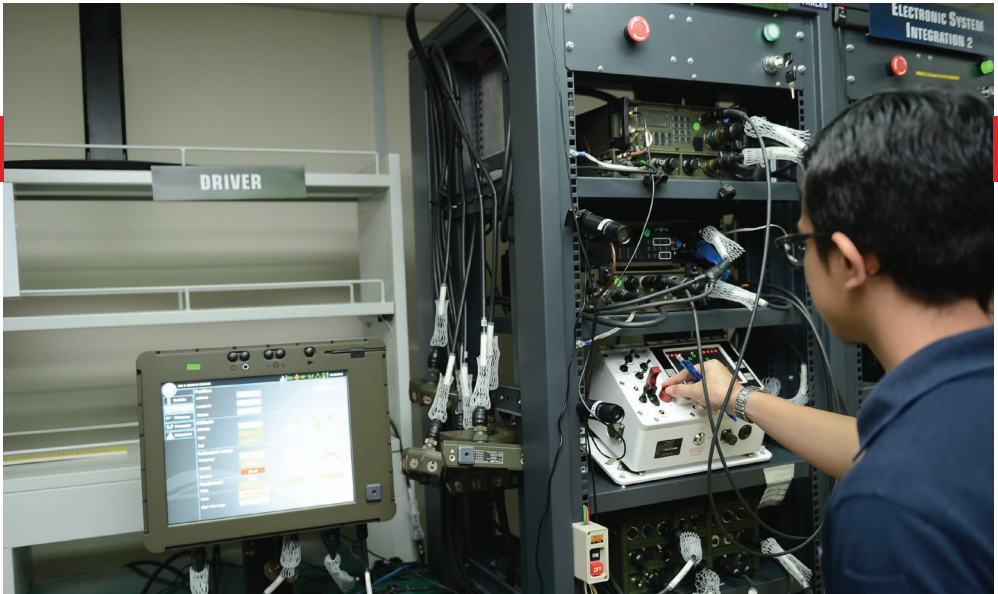
Alexander Dennis Limited (ADL) buses with 1-week lead time.

Capacity: 4 units per week.





SYSTEMS INTEGRATION LABORATORY (SIL)

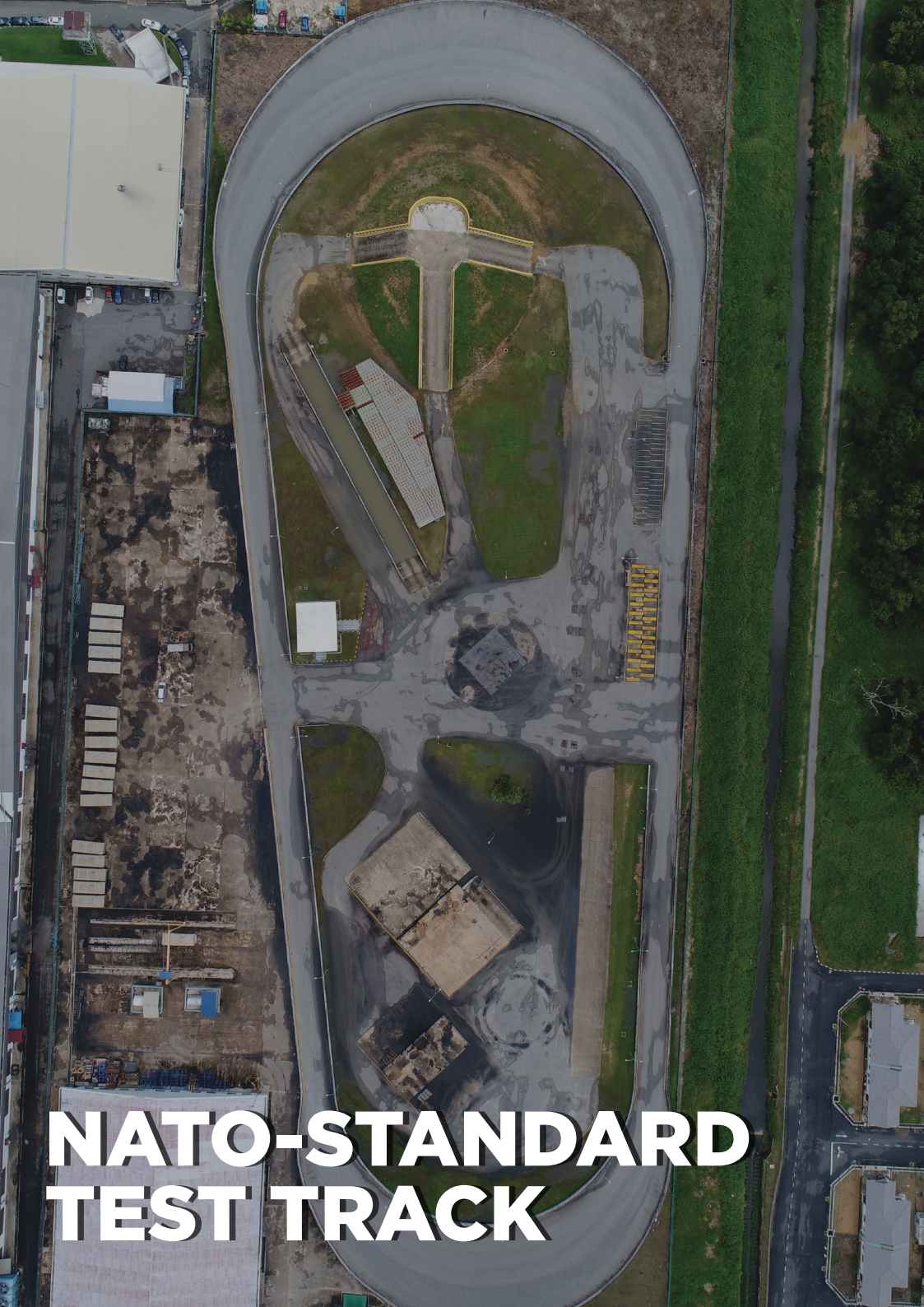


SYSTEMS INTEGRATION LABORATORY (SIL)

Our Systems Integration Laboratory (SIL) is the cornerstone of our quality assurance process. Here, teams of up to 10 engineers collaborate to test, diagnose, and refine electronic systems for both armoured and commercial vehicles.

By ensuring total compatibility and peak performance before installation, the SIL guarantees that our products, whether for the battlefield or the boardroom, meet the highest industry standards of reliability and safety.





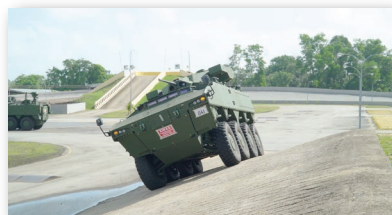
**NATO-STANDARD
TEST TRACK**



OBSTACLES FOR TEST TRACK



VERTICAL OBSTACLE



SIDE SLOPE



GRADIENT 60% & 70%



**FORDING / SWIMMING
3-METRE POOL**



SHOWER TEST

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