



Lifting Decks

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The Lifting Deck

The first ever Lifting Deck trailer was developed by Don-Bur for Manor Bakeries in the late 1980's: Needless to say, Lifting Decks are now commonplace and the design has evolved significantly over the last 30 years.

Each operation often has specific requirements regarding stillage type, loading practices or health and safety requirements. As such, Lifting Decks are commonly bespoke creations to ensure that the asset works as hard and efficiently as possible.

No company has more expertise in the specialist design and build of Lifting Deck trailers than Don-Bur and their Double Decks now dominate the major fleets. Don-Bur consistently produces what is arguably the best and most cost effective hydraulic lifting deck technology in the industry.



▲ Early Manor Bakeries Lifting Deck



▲ Aerodynamic "Teardrop" Lifting Deck



▲ 52 GKN Pallet "Blade" Lifting Deck



▲ 13.6m Curtainsided Lifting Deck

Don-Bur Lifting Deck Design

Don-Bur uses their own single ram and pulley system, which has been tried and tested for many years and remains the most durable and trouble free solution. It generates a consistent, uniform lift which is unaffected by varying load weights on the deck.

A range of power options (including self-sufficiency) are available to suit your operating environment to ensure seamless trouble-free operation, Don-Bur also provides a wide range of panel types to reduce unladen weight, improve durability and increase cubic volume.

Don-Bur Lifting Decks are designed, manufactured, painted and liveried in-house. We take full responsibility for the finished product to give the operator complete peace of mind.

Lifting Deck Service

Don-Bur has it's own dedicated Lifting Deck Service Centre which offers 24/7 support 365 days of the year with experienced Don-Bur engineers, as well as a nationwide network of service approved agents. They offer full servicing facilities for Lifting Deck trailers, including service inspections, MOT, accident repair and mid-life refurbishments.



▲ Lifting Deck With Modern Cradle Sides



▲ Don-Bur's Blade™ panel can provide operators with a capacity of 52 GKN pallets on a standard 13.6m Lifting Deck trailer.



▲ Don-Bur Service Centre

Standard Safety Features

- Hydraulic Solenoid Valves are fitted to prevent the deck lowering in the event of any hydraulic oil loss.
- Mechanical Rope Arrestors halt the deck from dropping if any of the cable ropes (rated at 20T each) fail.
- Audio/Visual Deck Movement warning equipment.
- When raised, high visibility spring-loaded "Paddle" Locks are fitted to support the deck in the event of a rope failure.
- All Don-Bur Lifting Decks include Roll Stability System (RSS).
- Emergency stop button.
- Manual lift/lowering facility.
- Protected, high illumination internal lighting.
- Non-slip tread surfaces.



▲ "Paddle" Lock



▲ Manual Lift/Lowering Facility



▲ Roof Sensor

Optional Safety Features

- Internal PIR movement sensors to stop deck movement when personnel are present.
- 'TRICS' interface to report on operational safety.
- Roof sensors to prevent roof/payload damage during deck lift.

Lifting Deck Examples



Thank You

If you have any questions about this document, or would like to discuss your operational requirements, please call the Don-Bur sales department on 01782 599 666



Established in 1981, the Don-Bur Group has become internationally recognised for its innovative development of trailers and rigid vehicle bodies, designed to minimise operational costs and increase efficiency.

Don-Bur has committed to research and develop solutions with primary focus on aerodynamics and optimum utilisation of available cubic capacity.

Based in Stoke-on-Trent in the West Midlands, Don-Bur has a 500 strong flexi workforce and generates a group annual turnover of £50 million. Vertically integrated divisions include an 18 acre primary manufacturing site, curtains and load restraint division, graphics house and two after-sales service sites (repair, servicing, refurbishment and ATF Station).

The comprehensive structure provides a complete and fully accountable solution for clientele, catering for all commercial vehicle needs throughout their lifespan.