



# CENTADRIIVE

INTELLIGENT SHUTTER SAFETY



Remote-controlled shutter door systems  
for multi-drop delivery vehicles





# Faster, safer and more secure multi-drop deliveries with Centadrive

With over 100 years' experience in the manufacture and supply of commercial vehicle components, Albert Jagger Limited has developed Centadrive; a totally new concept in remote control door systems, specifically designed to solve the many problems inherent in the delivery doors of today's multi-drop commercial vehicles.

## Challenging the conventional

In today's highly competitive logistics market, vehicles are being tailored more and more to meet individual tasks and demands. The ever-increasing multi-drop vehicle market is no exception. Whilst vehicles are designed to be more efficient, cost-effective and safer, the one area where maximum added value can be attained has been mainly ignored – and that is the vehicle's rear delivery door.

## Inexpensive innovation

Centadrive is a cost-effective, remote-controlled delivery door system that is easily fitted during a new build or as a retrofit upgrade.

When coupled with our new lightweight, composite shutter door, Centadrive offers unrivalled capability and advantages, giving multi-drop fleets a real competitive edge in this highly prized sector.

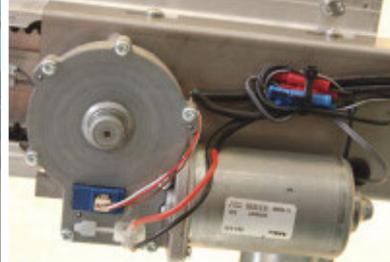


Centadrive lowers the risk of injury to both pedestrians and drivers.

## Faster, safer and more secure

Because the Centadrive unit is remote controlled, drivers can operate the delivery door from a key fob in seconds, speeding up the whole delivery process by up to 10%. Enhanced security through reduced 'unattended load time' and the lower risk of driver injury while opening and particularly 'parachute jumping' to close the heavy doors are also expected to have a positive effect on insurance premiums and driver downtime.







# Fast, easy fleet installation – as original equipment or retrofit

Tried and tested, Centadrive is the result of extensive research and development, with intensive long-term trials with Aspray Transport, a leading UK logistics company. Designed specifically for multi-drop delivery vehicles, it gives greater control, easier access and increased safety for drivers, for payloads and for vehicles. Fitted into the roof space, Centadrive is powered directly by the vehicle's 24 volt battery and needs only 3 electrical connections. In fact, the unit is so easy to fit, it can take 2 experienced fitters as little as 2 hours to install.

## Shutter door innovation

Retrofit to existing dry freight shutters and the dangers of using these traditional heavy doors are eliminated due to the smooth, controlled movement Centadrive offers. Or to maximise performance and realise the real benefits, Centadrive can be used with the new lightweight, composite door. Made from a unique blend of polyurethane and fibreglass, coupled with a honeycomb composite construction, it results in a significant reduction in vehicle weight, thus increasing payload potential.



Instant response and no more "parachute jumping"

## Built-in safety

Centadrive's key safety features include an in-cab alarm that warns drivers of an open rear door should they drive off. Also, the system is inoperable if the engine is left running; and there is an integral 'panic' release lever on the shutter door should the driver become trapped inside the cargo area during system failure.

Protecting drivers, payloads and vehicles, Centadrive's Intelligent Electronic Control System is programmed with an automatic retraction feature which 'senses' door obstructions.

Centadrive safety addresses other key dangers, such as uncontrollable 'swinging' of barn doors and driver injury through 'parachute jumping' to close traditional heavy wooden shutter doors.

## Environmental bonus

As well as the added environmental consideration of reduced fuel consumption through the weight-saving properties of the light-weight door, there is also the fact that our composite doors are 100% recyclable and noise pollution is cut to a minimum with the almost silent operation of the remote-controlled system. A real bonus for night-time deliveries.





# The way forward for all multi-drop delivery vehicles

The saying 'time is money' has never been more apt, particularly in today's fast-moving delivery market. On-site tests with Centadrive have shown a 10% increase in inner city, multi-drop deliveries. With a typical drop-off time reduced from 6 to 4 minutes, it leads to around 3 extra deliveries per day, per driver.

The use of the handy remote control means that drivers are far less likely to leave the door open while they rush to deliver a load.

## Out-of-hours deliveries

The move to 'quiet' out-of-hours deliveries is the growing trend and makes sound operational sense by removing HGVs from congested locations at peak times.

The Centadrive system has a key role to play in this scenario. Its almost silent operation means that smaller delivery vehicles can drop and run, without the usual door slamming and delivery door noises, which can impact on local residents and communities.

## Delivering the way forward

The multi-drop market has been waiting for an innovation like Centadrive, a simple-to-fit, inexpensive alternative to today's manual shutter or barn doors.

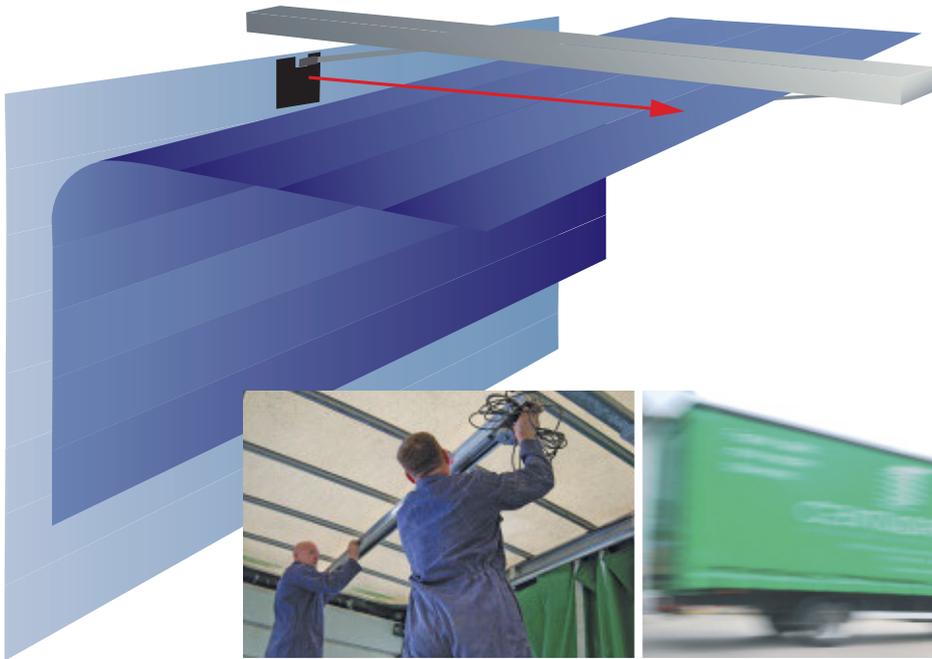
We have found that drivers and operators love the ease of use compared to heavy barn doors and the fact the doors no longer pose a risk by flying open in the wind, potentially injuring passers-by.

To minimise maintenance, the system has intelligent self-diagnostic software with an LED display. This reduces time-consuming fault finding in the unlikely event of a breakdown.

## Centadrive benefits

Once a fleet of multi-drop vehicles has embraced the Centadrive initiative, there's no going back... speed of operation will improve; extra deliveries will take place and profits will grow. Benefits include:

- Increased payload: due to reduction in vehicle weight when used in conjunction with the new lightweight, composite door. Ideal for inner city 'urban' deliveries.
- Addresses key Health and Safety issues: eliminates 'parachute' jumps to close traditional heavy wooden shutter doors and uncontrolled 'flinging' of barn doors.
- Integrated safety features: including automatic retraction system which 'senses' door obstructions, protecting drivers, payload and vehicles.
- Allows faster, more secure kerb-side deliveries.
- Reduced maintenance costs: due to a smooth, controlled door movement and intelligent, self-diagnostic software with LED display for easy fault finding.
- Easy to fit to new builds or as a retrofit upgrade.



### **Centadrive – a 100% British innovation**

Since 1887, Albert Jagger Limited, the creator of the unique Centadrive system, has been associated with innovation, service excellence and the highest quality products for vehicles of all types.

Astute management, strategic growth and a constant regard for the needs of its customers have seen the company become one of the largest manufacturers and distributors to the commercial vehicle bodybuilding industry, and a major supplier to many countries worldwide.

It is through this dedication to innovation and experience within the commercial vehicle market that key problems, inherent in the shutter door of multi-drop delivery vehicles, became apparent.

Tried and tested, Centadrive is the result of extensive research and development, with intensive long-term trials with Aspray Transport, a leading UK logistics company.

### **Centadrive support**

Instruction manuals, videos and a dedicated sales team are all there to offer support and advice on the simplicity of installation and to highlight key benefits Centadrive has to offer the multi-drop ‘urban’ delivery vehicle. A fully fitted demonstration vehicle is also available – a perfect opportunity to judge for yourself!

**Call 01922 471000**

**to discuss Intelligent Shutter Safety**

Increased payload potential and up to 10% faster inner-city ‘urban’ delivery cycles.



Addresses key health & safety issues including ‘parachute’ jumps to close heavy shutter doors and uncontrolled ‘flinging’ of barn doors.



Quieter, out-of-hours ‘drop and run’ deliveries.



Simple, remote key fob operation offers security at the touch of a button.



Easy fitting – 2 experienced fitters, 2 hours in 7 simple steps.



100% recyclable, lightweight composite door with an almost silent operation and minimum maintenance.



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