A Stertil Stokvis Dock House forms a complete self-contained loading bay which can be installed directly on the façade of a building, so that no internal space is lost.

Units are purpose-made, and design and layout can be adapted to suit requirements.

FEATURES AND BENEFITS

Self-contained
Complete loading bay enclosure maximises usable space within the building.

Flexibility
Suitable for new-build, extensions and refurbishments.

Complete protection
Provides weather protection, contributes to hygiene and safety.

Energy saving
Minimises heat transfer.

Ease of installation
Minimum construction requirements, reduced site time, and can be installed independently of other building work.

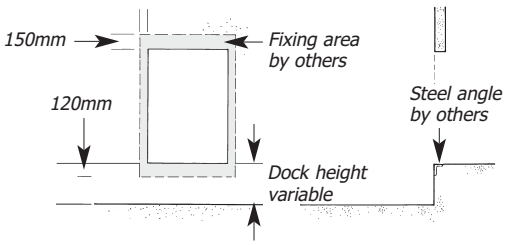
Adaptable design and layout
Individual, multiple (with or without dividing walls) or angled.

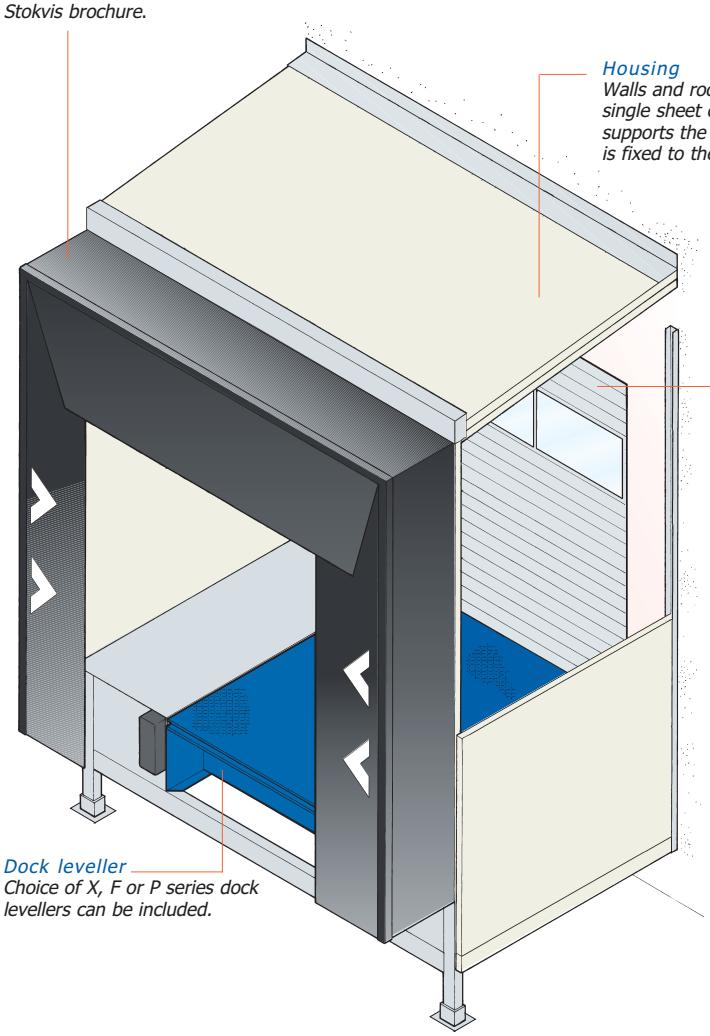
DESCRIPTION

See drawing for components

Control
Combined control box for door, dock leveller and dock seal as required.

Installation
Complete installation by Stertil Stokvis. Front of dock house is normally installed on a steel base (provided). Rear is normally fixed to a steel angle cast into the face of the building floor slab; alternatively Stertil Stokvis can install supporting steelwork.





Dok-Kast precast concrete dock leveller pits

Stertil Stokvis precast concrete dock leveller pits are single or multiple units configured to suit client's requirements. The units are self-supporting and ready to accept any type of Stertil Stokvis dock leveller.

FEATURES AND BENEFITS

Total package
Stertil undertake all design and manufacture of the pits as a total package. Ideal for multiple installations.

Time savings
Suitable for fast-track construction programmes. No formwork or poured concrete is required on site, no concrete curing time, not subject to weather delays.

Flexibility
Each installation is purpose-made and can be varied to suit customer requirements, building dimensions, column spacing, dock leveller dimensions etc.

Consistent quality
Manufactured under controlled factory conditions.

Cost control
Multiple units provide costs saving. Exact costings can be provided for customers and contractors.

Good appearance
High quality finish.

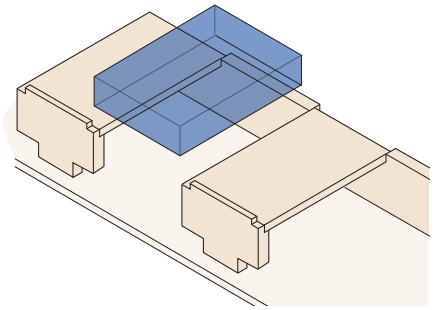
Compliance
Designs comply with BS 8110: 1997 *Structural use of concrete.*

DESCRIPTION

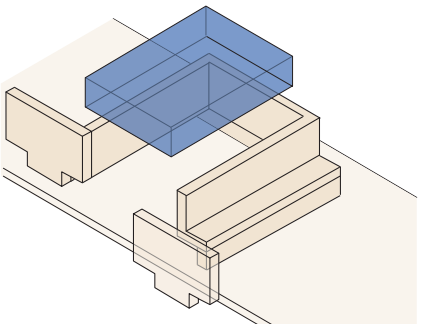
Components
Precast concrete, cast in steel or timber moulds. Range of special finishes available.

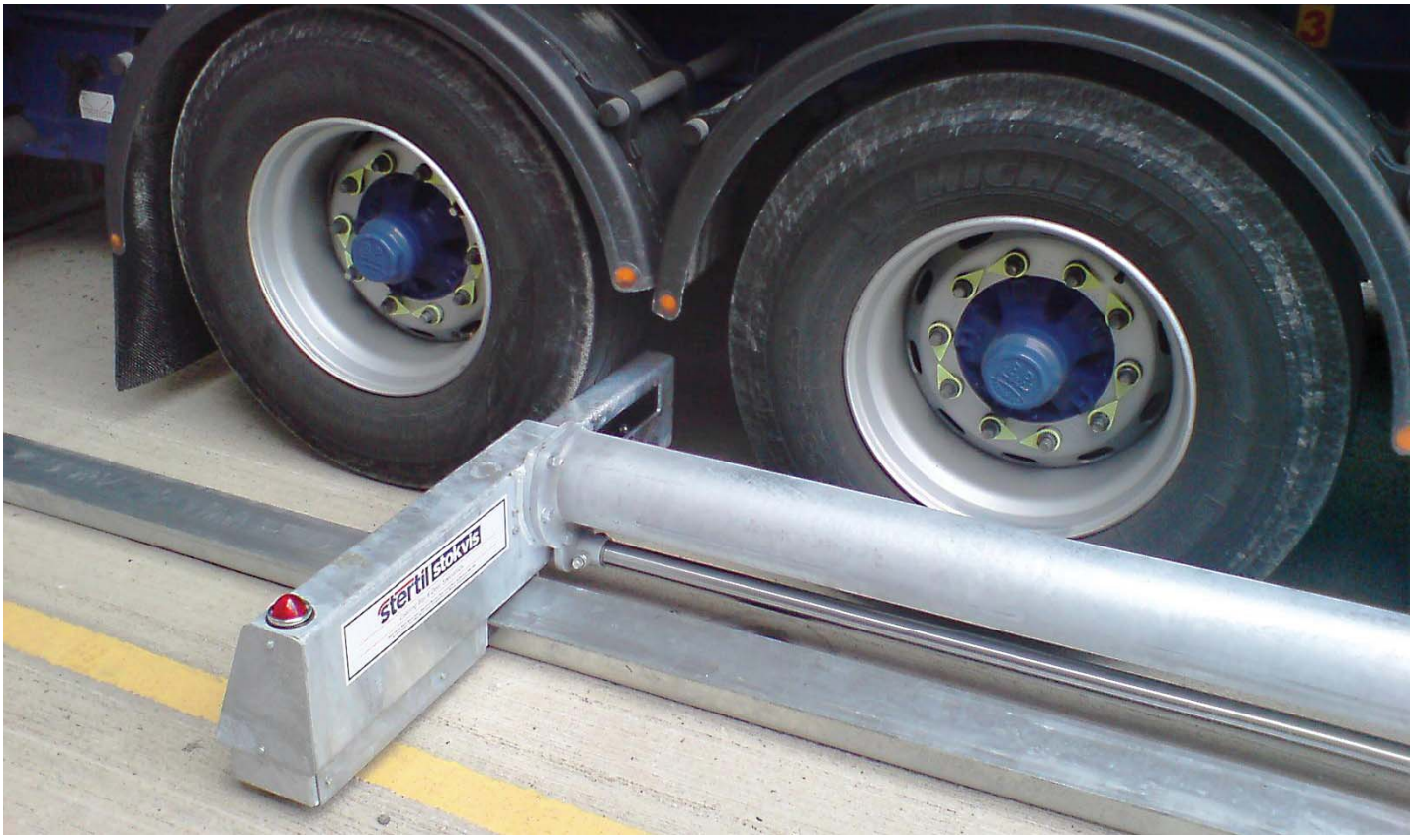
Installation requires a concrete base slab.

Biscuit system
For multiple dock levellers where they occur in close proximity.



Box system
For individual dock levellers or multiple dock levellers where greater distances between levellers are involved. Consult Stertil Stokvis for advice.





Combilok®, developed by and exclusive to Stertil Stokvis, is a vehicle restraint system providing enhanced safety at loading bays whilst loading and unloading is in progress.

Communication between the vehicle driver and the loading personnel in such situations is usually poor, leading to the risk of accidents if the vehicle were to drive away when loading / unloading is in progress.

The Combilok® helps to prevent the vehicle from driving away until it is positively released by an operative within the loading bay.

FEATURES AND BENEFITS

Improved safety
Reduces the risk of accidents during loading and unloading. Minimises the risk of damage to goods and equipment and of injury to personnel.

Versatile
Suitable for HGV's including vehicles with tail lifts.

Simple and quick operation
Single push button control.
Fully automatic deployment (within 15 seconds) and retraction, microprocessor controlled with sensor for correct positioning.

Positive positioning
The Stertil Stokvis Combilok® is integrated into a vehicle wheel alignment guide, ensuring that vehicles are correctly centred and straight in the docking area. There are no obstacles in the drive lane when the Combilok® is retracted.

Security
Reduces risk of vehicle theft.

Integrated control
Can be interlocked with dock levellers and overhead doors.

Robust
Strong construction resists collision damage.

Low maintenance
Simple operation with few moving parts, for ease of maintenance.

DESCRIPTION

Steel construction with galvanised finish.
Hydraulically powered.
Optional high-visibility yellow powder coating.

OPERATION

When the vehicle is in position, the operator activates the Combilok® system from a control panel inside the loading bay.

The wheel block moves forward, powered by a hydraulic ram.

A built-in sensor automatically stops the blocking arm in the correct position in front of the vehicle's rearmost wheel. It then extends in front of the wheel and is pushed back against it at a constant pressure.

The Combilok® is then in position to help prevent unexpected vehicle movement until released.

Warning signals
The movement / operation of the wheel blocking arm is indicated by both an audible signal and a warning red traffic light.

When the Combilok® is removed a green traffic light indicates to the driver that the vehicle is safe to leave.

A warning light on the control panel shows the operator when the restraint is in place and when released.

PE DOCK BUMPERS

A highly durable dock buffer with a unique construction and patented materials, giving superior performance to conventional rubber bumpers - more durable, low friction face, no exposed fixings.
Prevents damage to the loading bay and to vehicles during reversing, loading and unloading.

Unique construction
The buffer comprises a replaceable front pad, rubber cushioning strips and steel back casing, of patented materials.

Extremely robust
Very resistant to high impact and frictional forces.
The low coefficient of friction of the pad reduces frictional forces due to movement of a vehicle during loading/unloading, when the vehicle is parked in contact with the buffers.

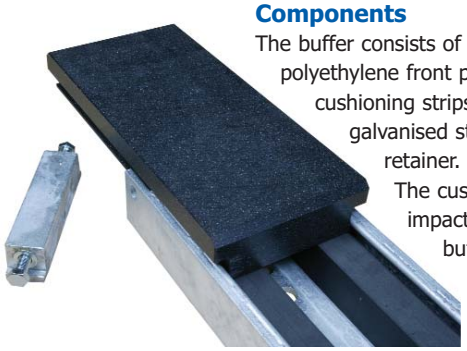
No exposed fixings
No fixings are exposed on the front face of the pad.
The back plate is mounted directly on the dock face with minimum bolt projection covered by the front pad.

Durable
More durable material than rubber bumpers.
The front pad is easily replaced if necessary.

Environmentally friendly
Completely recyclable.

Rapid payback
Short payback period due to the reduction in damage to dock front and vehicles.

Components
The buffer consists of an ultra high molecular polyethylene front pad, two rubber cushioning strips and a hot-dipped galvanised steel back casing and retainer.
The cushioning strips spread impact forces over the entire buffer surface.
Front pad can be black or yellow polyethylene or yellow nylon.



Size
Overall: 220 wide x 554 or 814mm high.
Depth: 140mm.
Height of front pad: 490 or 750mm.

RUBBER DOCK BUMPERS

Stertil Stokvis rubber dock bumpers provide good protection to the dock front against vehicle impact.

Standard bumpers are rectangular.

L-shaped bumpers are available where a wider docking area is required.

Vertically movable bumpers have a pad which can move vertically up and down, following the movement of the vehicle during loading/unloading. This avoids stress on the fixings, giving the bumper a longer life.

Sizes
Rectangular bumper
Width x height 250 x 450mm, depth 100 or 150mm.

L-shaped bumper
Width x height 450 x 450mm, depth 100mm.

Vertically movable bumper
Width x height 210 x 540mm, depth 170mm.

Options
Raised bumper brackets
Bumper packers
Precast mounting plates

WHEEL GUIDES

Stertil Stokvis wheel guides installed in front of the loading bay increase the safety and efficiency of loading and unloading operations.

Wheel guides ensure that the vehicle approaches the loading bay centrally and straight. Thus they allow the dock leveller lip to position centrally on the vehicle floor, and the dock shelter to seal properly against the back of the vehicle.

They also help to prolong the life of dock shelters by reducing off-centre or oblique pressure from vehicles.

The flared entrance of Stertil Stokvis wheel guides cause less wear or damage to vehicle tyres than the sharp edges usually found on concrete guides.

Mounted on a concrete driveway or on a concrete foundation set within a block driveway.

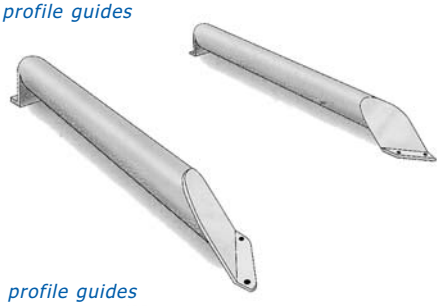
Material: hot-dip galvanised steel, natural or painted yellow.

Types, dimensions

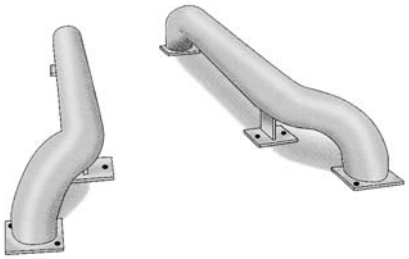
	High profile	Low profile
Tube diameter	170mm	200mm
Length	2000mm	2000mm
Height	320mm	250mm

Recommended clear width between guides is 2600mm.

Low profile guides

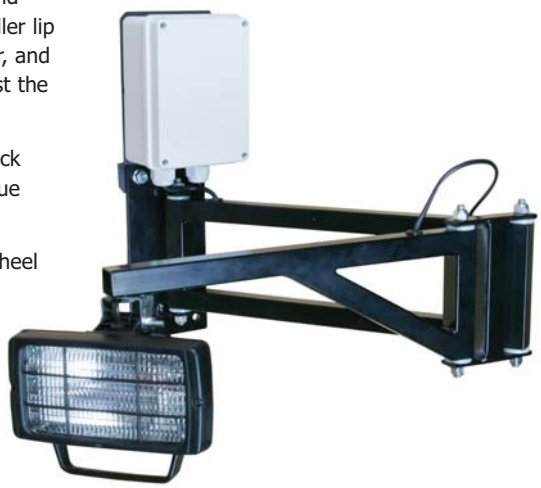


High profile guides



DOCK LIGHTS

Stertil Stokvis dock lights clearly illuminate the inside of the docked vehicle so that goods and obstructions can be seen. They reduce the risk of accidents and assist in manoeuvring trucks whilst loading/unloading.



Each light is mounted on an arm which pivots at the wall and in the centre. They can be parked against the wall of the loading bay when not in use.

The robust mounting plate and lamp are designed for heavy industrial use.

Electricity supply 220V.

Low energy halogen 80W.

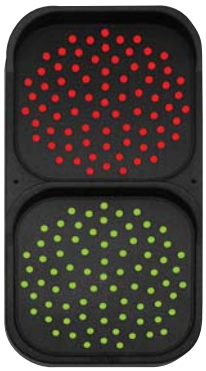
TRAFFIC LIGHTS

Stertil Stokvis traffic lights increase safety during loading and unloading by providing positive control of vehicle movements.

The lights can be linked to the loading bay door so that when the door is opened the red light comes on. Alternatively they can be linked to a sensor, or can be controlled from an integrated control panel.

All traffic lights are LED for low energy consumption and reduced maintenance

DCS 6A
40 LEDs per colour



DCS 6 or 7
6 = 100mm diameter lens with 40 LEDs per colour.

7 = 150mm diameter lens with 76 LEDs per colour.

Option: High intensity

DCS 10 LED
140mm diameter polycarbonate lens and cowling

DCS 125 LED
125mm diameter polycarbonate lens and cowling

stertil stokvis

Selection and advice

Technical representatives are available throughout the UK to discuss your requirements and advise on suitable loading bay solutions.

Contact us at the address below or use our online enquiry form at:

www.stertiluk.com

Installation and maintenance

Detailed installation drawings and technical specifications can be supplied in hard copy, on CD-ROM or by email on request.

Loading bay equipment is installed by our own fully trained and experienced engineers, based throughout the UK.

We can offer contracts for regular planned maintenance, as well as a 24-hour emergency repair service.

5-year warranty

Our confidence in our product quality and service is demonstrated by our offer of a 5-year warranty based on a maintenance contract.

Industrial doors

Thermadoor sectional overhead insulated doors
RapidRoll fast action industrial doors
Roller shutters (including fire shutters)
Pedestrian steel doorsets

Loading bay equipment, other types

Dock shelters and dock seals
Scissor lift tables

Complete loading bay packages are also available as an integrated installation.

Full UK service

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