PRODUCT RANGE

JUNE 2009
More than 100,000 tail-lifts worldwide
Know How - From 1969

Founded in 1969, Anteo now produce the widest range of advanced loading tail-lifts available worldwide thanks to the experience developed over many years in the design and production of hydraulic components for the major European machinery manufacturers.

In 1989 Anteo started tail-lift production and rapidly achieved outstanding the national and international recognition, soon becoming world leaders in the design and production of tail lifts.

The factors that contributed and contribute still today to the enlargement of Anteo’s product image in the world are:

- a wide range;
- solutions that anticipate the costumer needs;
- a high safety level;
- reliability over time;
- high quality components;
- checks and tests on the finished products.
Anteo, a passion for reliability

Anteo’s considerable design capacity is one of the fundamental pillars for producing highly reliable products.

- 3D designs together with structural calculations and finished components;
- prototypes are fully tested with 50,000 fatigue cycles before the large-scale production is started;
- Capacity to devise simple but functional designs;
- Care over components and details;
- Use of electrical parts without electronic components, which are much less sensitive to faults and are easy to maintain;
- Strict controls start with the incoming raw materials and continue along the whole production line to the final function tests carried out on all tail-lifts before they are packed and dispatched to customers.

Advanced technology

The industrial spirit of a leading-edge company which is always on the move and in search of new manufacturing technologies.

All the tail-lifts’ main structures and most of the components are manufactured in the 3 Anteo factories that offer customers a rapid and very flexible service.

The personnel are highly qualified and constantly receive training to update their skills. They use automatic robotized FMS machines so that a consistently high level of product quality can be maintained.
Use of high quality components and standardization

- All pins are made using steel which is chromium-plated or treated with electrocataphoresis.
- Bushings have been treated so that they do not require lubrication.
- Rods with high corrosion-resistant chromium plating.
- Sandblasting, washing with phosphate liquids, painting and drying at high temperature are processes which guarantee high corrosion resistance and a quality of finishing which has always distinguished Anteo’s products.
- Standardization of all electro-hydraulic components so that the same valves and electric motors are used throughout the range, and the use of electric circuits without electronic parts are synonymous with quality and efficient post-sales service.

All hydraulic steel parts are treated with KTL hexacrylic electro-cataphoresis.
Safety always comes first for Anteo

All tail-lifts are equipped with safety systems compliant with the 89/392 EEC standard and are supplied as a full kit comprising:

- Control Panel made of shock-resistant material, requiring a 2-handed use (illuminated);
- Silent sound-proofed hydraulic unit;
- Electric motor with a thermal safety device which blocks the tail-lift in case of overheating;
- Flow control valves integrated in the cylinders to limit the lowering speed in case of a pipe and/or valve burst;
- Safety solenoid valves on every hydraulic cylinder;
- Tilt cylinders locked during the lowering phase until the platform reaches the ground;
- Automatic tilting of the platform at ground level;
- Back-lit remote and radio controls for night use;
- Flags on the platform;
- User operating area marked on the platform;
- EEC type-approved tail-lifts including anti-underrun bumper;
- EC conformity mark
- Operation and maintenance manual and tail-lift functional testing certificates included.

Cantilevers with PIEK Certificate

F3 CLP 10-15-20-30 special cantilevers 1000 to 3000kgs capacity for quiet deliveries and night time operations.
It includes a silent power pack, sound-deadening platform coating and automated trolley stops.
Service
End users, large distribution fleets, carriers and assemblers can count on a widespread and professional Anteo Service Centre network with a wide range of services:

- Sales and customer support with spare part depot;
- Technical support: assistance, planned maintenance, repairs;
- Delivery of tail-lifts and components;
- Assembly and support for assembly;
- Theoretical and practical training on assembly, maintenance, repairs and regular inspections in accordance with EC regulations;
- Technical support with supply of installation drawings;
- Multi-function Website www.anteo.com where you will find many services for customers as well as for the Anteo sales and support network.
F3 IV 032 - F3 IV 050
INTERNAL TAIL-LIFT - STANDARD PLATFORM
CLASSIC VERSION FOR COMMERCIAL PANEL VANS
load capacity: 320 - 500 kg

APPLICATIONS
The F3HD IV 032 tail-lift has been designed for van derived vehicles, especially:
Citroen       JUMPER
Citroen       RELAY
Fiat            DUCATO
Ford          TOURNEO
Ford            TRANSIT
Iveco       DAILY
Mercedes Benz   SPRINTER
Nissan       INTERSTAR
Nissan       PRIMASTAR
Opel       MOVANO
Opel       VIVARO
Peugeot   BOXER COMBI
Renault   MASTER
Renault   TRAFIC
Volkswagen   CRAFTER

• In order to avoid that sudden size changes from the vehicle manufacturers do not allow the tail-lift installation, we recommend checking the available space on the vehicle as regards to the overall dimensions of the tail-lift.

SAFETY DEVICES
- BATTERY DISCONNECT DEVICE WITH KEY MAIN SWITCH
- TOE GUARD PROTECTION BRIDGE PLATE

STANDARD FEATURES
- INTERNAL CONTROL WITH SPIRAL CABLE
- PLATFORM OF ALUMINIUM OVERLAY ON STEEL FRAME WITH FIXED FRONT RAMP

OPTIONS
- RADIO CONTROL
- HINGED RAMP/STOP

TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>F3IV 032-800</th>
<th>F3IV 032-1300</th>
<th>F3IV 050-1300</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>920</td>
<td>920</td>
<td>920</td>
</tr>
<tr>
<td>B</td>
<td>310</td>
<td>310</td>
<td>310</td>
</tr>
<tr>
<td>B1</td>
<td>340</td>
<td>340</td>
<td>340</td>
</tr>
<tr>
<td>V</td>
<td>800</td>
<td>1300</td>
<td>1300</td>
</tr>
<tr>
<td>L</td>
<td>800</td>
<td>800</td>
<td>1100</td>
</tr>
<tr>
<td>W</td>
<td>1030</td>
<td>1030</td>
<td>1330</td>
</tr>
<tr>
<td>W1</td>
<td>1140</td>
<td>1140</td>
<td>1440</td>
</tr>
<tr>
<td>Z</td>
<td>1190</td>
<td>1380</td>
<td>1380</td>
</tr>
</tbody>
</table>

** Equivalent continuous (A) weighted noise pressure level, in the working place.

THE ABOVE MENTIONED COMPONENTS ARE INDICATIVE AND MAY VARY AS REGARDS TO THE PERFORMANCE. ANTEO RESERVES THE RIGHT TO CHANGE THE WEIGHT AND THE TECHNICAL SPECIFICATIONS WITHOUT PRIOR NOTICE. NO INDEMNITY FOR DAMAGES MAY BE CLAIMED FROM ANTEO FOR TECHNICAL SPECIFICATION AND WEIGHT CHANGES OR FOR INSTALLATION PROBLEMS DUE TO LACK OF SPACE ON THE FOLLOWING VEHICLES.
F3 RE 032
UNDER CHASSIS RETRACTABLE TAIL-LIFT (electric deployment and stowage)
VERSION FOR COMMERCIAL PANEL VANS

load capacity: 320

TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>F3RE 032-1100</th>
<th>F3RE 032-1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX LOAD CAPACITY</td>
<td>Kg 320</td>
<td>Kg 320</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>Kg 140</td>
<td>Kg 145</td>
</tr>
<tr>
<td>MAX POWER CONSUMPTION</td>
<td>12 V 100</td>
<td>24 V 100</td>
</tr>
<tr>
<td></td>
<td>Amp 50</td>
<td>Amp 50</td>
</tr>
<tr>
<td>UP-STROKE SPEED (FULL LOAD)</td>
<td>m/min 5</td>
<td>m/min 5</td>
</tr>
<tr>
<td>DOWN-STROKE SPEED (FULL LOAD)</td>
<td>m/min 6</td>
<td>m/min 6</td>
</tr>
<tr>
<td>OIL TANK CAPACITY</td>
<td>l 1.8</td>
<td>l 1.8</td>
</tr>
<tr>
<td>ELECTRIC MOTOR POWER</td>
<td>12 V 500</td>
<td>24 V 800</td>
</tr>
<tr>
<td></td>
<td>Watt 500</td>
<td>Watt 800</td>
</tr>
<tr>
<td>WORKING PRESSURE</td>
<td>bar 140</td>
<td>bar 140</td>
</tr>
<tr>
<td>NOISE LEVEL (**)</td>
<td>dB &lt;70</td>
<td>dB &lt;70</td>
</tr>
</tbody>
</table>

** Equivalent continuous (A) weighted noise pressure level, in the working place.

THE ABOVE MENTIONED COMPONENTS ARE INDICATIVE AND MAY VARY AS REGARDS TO THE PERFORMANCE. ANTEO RESERVES THE RIGHT TO CHANGE THE WEIGHT AND THE TECHNICAL SPECIFICATIONS WITHOUT PRIOR NOTICE. NO INDEMNITY FOR DAMAGES MAY BE CLAIMED FROM ANTEO FOR TECHNICAL SPECIFICATION AND WEIGHT CHANGES OR FOR INSTALLATION PROBLEMS DUE TO LACK OF SPACE ON THE FOLLOWING VEHICLES.

APPLICATIONS

The F3HD IV 032 tail-lift has been designed for van derived vehicles, especially:
- Citroen JUMPER
- Citroen RELAY
- Fiat DUCATO
- Ford TOURNEO
- Ford TRANSIT
- Iveco DAILY
- Mercedes Benz SPRINTER
- Nissan INTERSTAR
- Nissan PRIMASTAR
- Opel MOVANO
- Opel VIVARO
- Peugeot BOXER COMBI
- Renault MASTER
- Renault TRAFIC
- Volkswagen CRAFTER

- In order to avoid that sudden size changes from the vehicle manufacturers do not allow the tail-lift installation, we recommend checking the available space on the vehicle as regards to the overall dimensions of the tail-lift.

SAFETY DEVICES
- BATTERY DISCONNECT DEVICE WITH KEY MAIN SWITCH
- TOE GUARD PROTECTION BRIDGE PLATE

STANDARD FEATURES
- INTERNAL CONTROL WITH SPIRAL CABLE
- PLATFORM OF ALUMINIUM OVERLAY ON STEEL FRAME WITH FIXED FRONT RAMP

OPTIONS
- RADIO CONTROL
- HINGED RAMP/STOP
F3 V050
TAIL-LIFT FOR PANEL VANS - 2 CYLINDERS

load capacity: 500 kg

APPLICATIONS

The completely new cantilever tail-lift F3 V050 has been designed and built for the 3.5 ton panel van range and can be installed easily without modifications to the host vehicle.

Installation is made quick and easy with individual mounting brackets for most vans.

F3 V050 is especially designed for:

- Citroen JUMPER / RELAY
- Fiat NEW DUCATO
- Ford NEW TRANSIT
- Iveco DAILY
- Mercedes NEW SPRINTER
- Mercedes VITO
- Nissan INTERSTAR
- Nissan PRIMASTAR
- Opel MOVANO
- Opel VIVARO
- Peugeot BOXER
- Renault MASTER
- Renault TRAFFIC
- Volkswagen CRAFTER
- Volkswagen TRAnSPORTER

All hydraulic steel parts are treated with KTL hexacrylic electro-cataphoresis

---

** specifications **

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Capacity</td>
<td>500 kg</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V</td>
</tr>
<tr>
<td>Max Power Consumption</td>
<td>130 Amp</td>
</tr>
<tr>
<td>Max Pressure Valve Setting</td>
<td>140 bar</td>
</tr>
<tr>
<td>Up-stroke Speed (Full Load)</td>
<td>5 m/min</td>
</tr>
<tr>
<td>Down-stroke Speed (Full Load)</td>
<td>8 m/min</td>
</tr>
<tr>
<td>Oil Tank Capacity</td>
<td>2 litres</td>
</tr>
<tr>
<td>Noise Level</td>
<td>&lt; 70 dB</td>
</tr>
<tr>
<td>Electric Motor Power</td>
<td>1600 Watt</td>
</tr>
<tr>
<td>Standard Platform Depth</td>
<td>1400 mm - 1600 mm</td>
</tr>
<tr>
<td>Standard Platform Width</td>
<td>1450 mm</td>
</tr>
<tr>
<td>Weight for Complete Tail-lift with Platform Depth 1400 mm</td>
<td>179 kg</td>
</tr>
<tr>
<td>Weight for Complete Tail-lift with Platform Depth 1600 mm</td>
<td>185 kg</td>
</tr>
<tr>
<td>Mounting</td>
<td>Bolted assembly plates</td>
</tr>
<tr>
<td>Platform Opening</td>
<td>Powered opening of the platform with 1 double-acting tilting cylinder</td>
</tr>
</tbody>
</table>

Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
F3V 075
TAIL-LIFT FOR PANEL VANS - 4 CYLINDERS
load capacity: 750 kg

APPLICATIONS
The classic F3V 075 tail lift has been designed for factory panel vans above 3.5 tonnes.
F3V 075 is especially designed for:
- Iveco DAILY
- Mercedes VARIO
- Renault MASCOTT

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Arm Length (mm)</th>
<th>Arm Width W58 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3V075C</td>
<td>540</td>
<td>580</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Load capacity (centre of gravity at 600 mm)</th>
<th>Standard Platform Dimensions</th>
<th>Weight * Kg</th>
<th>E (max)</th>
<th>A (max)</th>
<th>B (min)</th>
<th>B' (min)</th>
<th>T (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3V075C</td>
<td>750 Kg</td>
<td>1200 1400* on demand</td>
<td>190</td>
<td>985</td>
<td>137</td>
<td>332</td>
<td>530</td>
<td>300</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit with a 1400 mm depth platform. The weight may vary according to width.
Anteo reserves the right to change weights and technical specifications without prior notice.
No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.

All hydraulic steel parts are treated with KTL hexacrylic electro-cataphoresis.
F3MH 075 - F3MHX 075
HALF LIFT - 2 CYLINDERS
load capacity: 750 kg

APPLICATIONS
The classic F3M range of tail lifts has been designed for bodied chassis cab vehicles with floor heights up to 1225mm.
The particularly slim arms allows the fitting on very narrow vans of 2000mm/2100mm (van minimum width to be checked according to chassis width).

STANDARD EQUIPMENTS

PLATFORM
- Platform in aluminium alloy.

MECHANICAL FUNCTIONS
- Mechanical hydraulic tilting of platform to ground.
- Tilt of platform in all positions.
- Anti-friction self-lubricating bushings and chromed pins.
- Platform opening with 1 single-acting tilting cylinder and spring.

HYDRAULIC CHARACTERISTICS
Compact power pack equipped with:
- closing seal.
- 1 single-acting lifting cylinder with lubrication.
- 1 single-acting tilting cylinder.
- Built-in safety solenoid valves on every cylinder.
- Tank with air filter.
- Chrome-plated steel cylinder rods with high yield limit.
- Flow adjusters compensated on all downward movements.

CONTROLS
- External control box.
- Illuminated control panel.
- Control with no electronic components.
- Cut off switch with key.
- Two-hand use for operator’s safety.
- Motor with thermal safety device.
- Motor relay with 80 A silver pin (peak current).

MOUNTING
With an adjustable bolted bracket and a bracket that has already been factory-welded in a fixed position. Quick fitting: rear bumper already bolted in 2 parts.

PRODUCT FINISHING
- Material conform to EC standards.
- Hard chromium-plated steel pins.
- Anti-friction self-lubricating bushings.
- Delivered fully assembled and tested, it is to be mounted to the chassis by bolting, eliminating need to repaint.

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Load capacity (center of gravity at 600 mm)</th>
<th>Standard Platform Dimensions</th>
<th>Weight* Kg</th>
<th>A min.</th>
<th>A max.</th>
<th>E max.</th>
<th>B min.</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3MH 075 C</td>
<td>750 Kg</td>
<td>1200 Depth, 1400* Width, on demand</td>
<td>240</td>
<td>260</td>
<td>470</td>
<td>1055</td>
<td>505</td>
<td>186</td>
</tr>
<tr>
<td>F3MH 075 H</td>
<td>750 Kg</td>
<td></td>
<td>248</td>
<td>365</td>
<td>565</td>
<td>1225</td>
<td>580</td>
<td>186</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit without rear bumper and with a 1400 mm depth platform. The weight may vary according to width. Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
**F3M 075 - F3M 10**

CANTILEVER TAIL-LIFTS - 2 CYLINDERS

Load capacity: 750 kg - 1000 kg

---

**APPLICATIONS**

The classic F3M range of tail lifts has been designed for bodied chassis cab vehicles. Dedicated mounting brackets are available for every vehicle type. The assembly is quick, simple and does not require any modification to the chassis. F3M 075 and F3M 10 are especially designed for:

- Citroën JUMPER - 2006
- Fiat DUCATO - 2006
- Ford TRANSIT - 2006
- Iveco DAILY
- Mercedes SPRINTER - 2006
- Nissan CABSTAR
- Nissan ATLEON
- Peugeot BOXER - 2006
- Volkswagen LT/CRAFTER

---

**STANDARD EQUIPMENTS**

**PLATFORM**

- Platform in aluminium alloy.

**MECHANICAL FUNCTIONS**

- Mechanical hydraulic tilting of platform to ground.
- Tilt of platform in all positions.
- Platform opening with 1 single-acting tilting cylinder and spring.

**HYDRAULIC CHARACTERISTICS**

Compact power pack equipped with:

- Closing seal.
- 1 single-acting lifting cylinder with lubrication.
- 1 single-acting tilting cylinder.
- Built-in safety solenoid valves on every cyl.
- Tank with air filter.
- Chrome-plated steel cylinder rods with high yield limit.
- Flow adjusters compensated on all downward movements.

**CONTROLS**

- External control box.
- Illuminated control panel.
- Control with no electronic components.
- Cut off switch with key.
- Two-hand use for operator’s safety.
- Motor with thermal safety device.
- Motor relay with 80 A silver pin (peak current).

**CHOICE OF MOUNTING**

Adjustable bolted brackets. Installation is made quick and easy with individual mounting brackets for every van.

**F3M 075**: aluminium rear-bumper bolted to the arm.

**F3M 10**: rear-bumper in 3 pieces bolted to the main beam.

**PRODUCT FINISHING**

- Material conform to EC standards.
- Hard chromium-plated steel pins.
- Anti-friction self-lubricating bushings.
- Delivered fully assembled and tested, it is to be mounted to the chassis by bolting, eliminating need to repaint.

---

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>F3M 075 C</td>
<td>750 Kg</td>
<td>1200</td>
<td>on demand</td>
<td>234</td>
<td>305</td>
<td>470</td>
<td>1055</td>
<td>505</td>
</tr>
<tr>
<td>F3M 075 H</td>
<td>1400*</td>
<td>1600</td>
<td>on demand</td>
<td>242</td>
<td>350</td>
<td>550</td>
<td>1210</td>
<td>580</td>
</tr>
<tr>
<td>F3M 10 H</td>
<td>1000 Kg</td>
<td>1400*</td>
<td>on demand</td>
<td>382</td>
<td>205</td>
<td>480</td>
<td>1165</td>
<td>698</td>
</tr>
<tr>
<td>F3M 10 HS</td>
<td>1600</td>
<td>on demand</td>
<td>391</td>
<td>250</td>
<td>585</td>
<td>1375</td>
<td>774</td>
<td>260</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit without rear bumper and with a 1400 mm depth platform. The weight may vary according to width. Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
5 VERSIONS AND VARIOUS SOLUTIONS ACCORDING TO WHEEL BASE AND OVERHANG

**F3M 075 - F3M 10**
are available for all vehicles with double “C” chassis.

**F3M 075**
can be installed on all vehicles with top hat section chassis and vans.

Citroën JUMPER
Fiat DUCATO
Peugeot BOXER

**F3M 075**
Quick fitting without making holes in the chassis using the original holes.

Note:
The instructions reported refer to vehicles with original chassis that have not been lengthened. If the chassis has been lengthened, refer to the solution described at point 2.

Ford TRANSIT

**F3M 075 C/H**
Quick fitting without making holes in the chassis using the original holes.

Note:
The instructions reported refer both to vehicles with original chassis and to vehicles with lengthened chassis, with rear-wheel drive.

**Mercedes SPRINTER**
**Volkswagen LT/CRAFTER**

**F3M 075 - F3M 10**
Quick fitting without making holes in the chassis using the original holes.

<table>
<thead>
<tr>
<th>Mod.</th>
<th>MB Sprinter BM 906</th>
<th>Wheel Base</th>
<th>Bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3M 075</td>
<td>2XX / 3XX</td>
<td>3250</td>
<td>A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3665</td>
<td>B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4325</td>
<td>B</td>
</tr>
<tr>
<td></td>
<td>4XX / 5XX</td>
<td>3665</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4325</td>
<td>D</td>
</tr>
<tr>
<td>F3M 10</td>
<td>616</td>
<td>4025</td>
<td>E</td>
</tr>
</tbody>
</table>
**F3CL 075**
CANTILEVER TAIL-LIFTS - 4 CYLINDERS
load capacity: 750 kg

### APPLICATIONS

The cantilever lift F3CL 075 is suitable for vehicles up to 7.5 tonnes.

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Arm Length (mm)</th>
<th>Arm Width</th>
<th>Load capacity (centre of gravity at 600 mm)</th>
<th>Standard Platform Dimensions</th>
<th>Weight Kg</th>
<th>A</th>
<th>E</th>
<th>B</th>
<th>B1</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3CL075C</td>
<td>540</td>
<td>1230</td>
<td>750 Kg</td>
<td>1200</td>
<td>225</td>
<td>235</td>
<td>430</td>
<td>985</td>
<td>448</td>
<td>523</td>
</tr>
<tr>
<td>F3CL075H</td>
<td>640</td>
<td>1230</td>
<td></td>
<td>1400*</td>
<td>230</td>
<td>295</td>
<td>495</td>
<td>1140</td>
<td>526</td>
<td>601</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit without rear bumper and with a 1400 mm depth platform. The weight may vary according to width.
Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.

All hydraulic steel parts are treated with KTL hexacrylic electro-cataphoresis.
VARIous SOLUTIONS ACCORDING TO WHEEL BASE AND OVERHANG

F3CL 075 are available for all vehicles with double “C” chassis. W123 Standard (W58 not available)

Citroën JUMPER 06
Fiat DUCATO 06
Peugeot BOXER 06

F3CL 075 W58
Quick fitting without making holes in the chassis using the original holes.

Note: The instructions reported refer to vehicles with original chassis that have not been lengthened.

Ford TRANSIT

F3CL 075 W58
(W 123 on demand)
Quick fitting without making holes in the chassis using the original holes.

NB: the fitting is referred to chassis vehicles with front wheel drive only.

2006 SPRINTER 2xx 3xx
WB 3250

2006 SPRINTER 2xx 3xx
WB 3665 - 4325

2006 SPRINTER 4xx 5xx
WB 3665

2006 SPRINTER 4xx 5xx
WB 4325
**F3 CL**

**CANTILEVER TAIL-LIFT**

Load capacity:  
- 1000 kg  
- 1500 kg  
- 2000 kg

**APPLICATIONS**

The classical tail-lift F3CL is the ideal tail-lift for distribution and for vehicles for continuous use and several daily unloading operations. F3CL is suitable for trucks, semi-trailers and vehicle with low drawbar coupling.

---

**Cantilevers with PIEK Certificate**

F3 CLP 10-15-20-30 special cantilevers 1000 to 3000kgs capacity for quiet deliveries and night time operations.

It includes a silent power pack, sound-deadening platform coating and automated trolley stops.

---

**TECHNICAL DATA**

Several arms type are available

<table>
<thead>
<tr>
<th>Arm</th>
<th>Arm Length</th>
<th>Arm Width (centre to centre)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>W 78</td>
<td>W 82</td>
</tr>
<tr>
<td>F3 CL 10 C</td>
<td>640</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 10 H</td>
<td>742</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 10 HS</td>
<td>895</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 15 C</td>
<td>640</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 15 H</td>
<td>742</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 15 HS</td>
<td>895</td>
<td>780</td>
</tr>
<tr>
<td>F3 CL 15 HL</td>
<td>1040</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 20 C</td>
<td>640</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 20 H</td>
<td>742</td>
<td>-</td>
</tr>
<tr>
<td>F3 CL 20 HS</td>
<td>895</td>
<td>780</td>
</tr>
<tr>
<td>F3 CL 20 HL</td>
<td>1040</td>
<td>-</td>
</tr>
</tbody>
</table>

**Load capacity**

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Load capacity (centre of gravity at 600 mm)</th>
<th>Weight * Kg</th>
<th>E max</th>
<th>E min</th>
<th>A max</th>
<th>A min</th>
<th>B max</th>
<th>B min</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3 CL 10 C</td>
<td>1000 Kg</td>
<td>290</td>
<td>1135</td>
<td>260</td>
<td>500</td>
<td>520</td>
<td>740</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>F3 CL 10 H</td>
<td>-</td>
<td>305</td>
<td>1285</td>
<td>305</td>
<td>560</td>
<td>620</td>
<td>840</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>F3 CL 10 HS</td>
<td>-</td>
<td>320</td>
<td>1525</td>
<td>385</td>
<td>660</td>
<td>740</td>
<td>960</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>F3 CL 15 C</td>
<td>-</td>
<td>405</td>
<td>1150</td>
<td>290</td>
<td>520</td>
<td>562</td>
<td>684</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 15 H</td>
<td>-</td>
<td>420</td>
<td>1320</td>
<td>350</td>
<td>600</td>
<td>626</td>
<td>735</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 15 HS</td>
<td>-</td>
<td>435</td>
<td>1550</td>
<td>420</td>
<td>700</td>
<td>744</td>
<td>866</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 15 HL</td>
<td>-</td>
<td>450</td>
<td>1700</td>
<td>540</td>
<td>820</td>
<td>827</td>
<td>949</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 20 C</td>
<td>-</td>
<td>415</td>
<td>1150</td>
<td>290</td>
<td>520</td>
<td>562</td>
<td>684</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 20 H</td>
<td>-</td>
<td>430</td>
<td>1320</td>
<td>350</td>
<td>600</td>
<td>626</td>
<td>735</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 20 HS</td>
<td>-</td>
<td>445</td>
<td>1550</td>
<td>420</td>
<td>700</td>
<td>744</td>
<td>866</td>
<td>254</td>
<td></td>
</tr>
<tr>
<td>F3 CL 20 HL</td>
<td>-</td>
<td>460</td>
<td>1700</td>
<td>540</td>
<td>820</td>
<td>827</td>
<td>949</td>
<td>254</td>
<td></td>
</tr>
</tbody>
</table>

*Approximate weight for tail-lift equipped with aluminium platform dimensions 1600 x 2500 mm.
Centre of gravity of the vehicle depending on the type of arm and the size of the installations on the vehicle (see assembly instructions).
The above mentioned weights are approximate and may vary according to production. Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
**CANTILEVER TAIL-LIFT WITH INSULATED PLATFORM** (Patented)

**load capacity:**
- 1500 kg
- 2000 kg

**Applications**
- Anteo tail-lift, Fridge series, for insulated vans without rear doors:
- Less weight, more useful capacity on the vehicle, faster unloading, and therefore more profit.
- Weight of only 505 Kg for 1,500 Kg capacity at 600 mm.
- An integrated structure consisting of aluminium and synthetic material gives to the tail-lift Fridge strength and lightness. (Patented)
- $K$ less than 0,4 (W/m² K)

**Technical Data**
Several arms type are available

<table>
<thead>
<tr>
<th>Model</th>
<th>Platform dimensions</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>W</td>
<td>P</td>
</tr>
<tr>
<td><strong>F3 CL FRIDGE 15 C</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F3 CL FRIDGE 15 H</td>
<td>2600 Max</td>
<td>1958</td>
</tr>
<tr>
<td>F3 CL FRIDGE 15 HS</td>
<td></td>
<td>2195</td>
</tr>
<tr>
<td>F3 CL FRIDGE 15 HL</td>
<td></td>
<td>2340</td>
</tr>
<tr>
<td><strong>F3 CL FRIDGE 20 C</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F3 CL FRIDGE 20 H</td>
<td>2600 Max</td>
<td>1958</td>
</tr>
<tr>
<td>F3 CL FRIDGE 20 HS</td>
<td></td>
<td>2195</td>
</tr>
<tr>
<td>F3 CL FRIDGE 20 HL</td>
<td></td>
<td>2340</td>
</tr>
</tbody>
</table>

*Approximate weight for tail-lift equipped with aluminium platform dimensions 1600 x 2500 mm.
Centre of gravity of the vehicle depending on the type of arm and the size of the installations on the vehicle (see assembly instructions).
The above mentioned weights are approximate and may vary according to production. Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
F3 CL30
CANTILEVER TAIL-LIFTS FOR HEAVY DUTY LOADS

load capacity: 2500 kg at 1000 mm
3000 kg at 600 mm

APPLICATIONS
The classical tail lift F3 CL30 is the ideal tail lift for use in distribution where there is a need for continual use in loading and unloading heavy or specialist loads. F3 CL30 is suitable for trucks, semi-trailers and vehicle with low drawbar coupling.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Arm</th>
<th>Arm Length</th>
<th>Arm Width (centre to centre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>742</td>
<td>1250</td>
</tr>
<tr>
<td>HS</td>
<td>895</td>
<td>1250</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit without rear bumper and with a 1800 mm depth platform. The weight may vary according to width.

All dimensions are in mm unless otherwise specified. Ansee reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Ansee for changes in technical specifications and/or in weight.

STANDARD EQUIPMENT

PLATFOM
- Platform in aluminium alloy.
- Teflon wheels to prevent platform wear.

MECHANICAL FUNCTIONS
- Powered opening of the platform.
- Automatic hydraulic tilting of platform to ground.
- Tilt of platform in all positions.
- Mechanical stop of tail-lift arms against equipment (adjustable in 3 positions).
- Support of pre-assembled control box on rear bumper.
- Tail-lift with approved rear bumper, factory-welded on the main beam of the tail-lift.

HYDRAULIC CHARACTERISTICS
Power pack equipped with:
- Closing seal, compact and soundproof.
- Electrical connections by means of modular extractable board.
- Electrical board for any type of connection.
- 2 single-acting lifting cylinders with lubrication.
- 2 double-acting tilting cylinders.
- Cylinders protected by rubber gaitors.
- Built-in safety solenoid valves on every cylinder.
- Tank with air filter.
- Chrome-plated steel cylinder rods with high yield limit.
- Flow adjusters compensated on all downward movements.

CONTROLS
- External control box.
- Illuminated control panel.
- Control with no electronic components.
- Cut off switch with key.
- Two-hand use for operator’s safety.
- Motor with thermal safety device.
- Motor relay with 350 A silver pin (peak current)

MOUNTING
- Bolted assembly plates.

PRODUCT FINISHING
- All steel parts of the hydraulic kit have been previously sandblasted, then treated with hexacrylic electrocataphoresis (except for cylinders, painted with bicomponent polyurethane enamel).
- Material conform to EC standards.
- Steel cataphoresis-treated pins.
- Anti-friction self-lubricating bushings.
- Delivered fully assembled and tested, it is to be mounted to the chassis by bolting, eliminating need to repaint.
F3 CLA30
SPECIAL TAIL-LIFTS FOR ANIMALS

Load capacity:
- 2500 kg at 1000 mm
- 3000 kg at 600 mm

APPLICATIONS
The tail lift F3 CLA30 is the ideal tail lift for use in animals transportation.
F3 CLA30 is suitable for trucks, semi-trailers and vehicle with low drawbar coupling.

STANDARD EQUIPMENT
PLATFORM
- Platform in aluminium alloy
- Teflon wheels to prevent platform wear.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Load capacity (centre of gravity at 600 mm)</th>
<th>Std. Platform Dimensions</th>
<th>Weight* Kg</th>
<th>E max</th>
<th>A min.</th>
<th>A max</th>
<th>B min</th>
<th>B' min</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>F3 CLA 30 HS</td>
<td>3000 Kg</td>
<td>2608</td>
<td>2500</td>
<td>670</td>
<td>1620</td>
<td>500</td>
<td>800</td>
<td>810</td>
<td>960</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit without rear bumper and with a 1800 mm depth platform.
The weight may vary according to width.
All dimensions are in mm unless otherwise specified. Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
REP CL 05 LR
CANTILEVER TAIL-LIFT WITH MANUAL OPENING
load capacity: 500 kg

Applications
The REP CL 05 LR cantilever tail-lifts with manual opening are the ideal tail-lifts for logistic companies, vehicle rental companies and tool hire companies. REP CL 05 LR is very light and compact. Therefore, it is suitable for smaller vehicles from 3.5 to 7 tons and pick-up.

The folded platform allows a deep platform to be used without increasing the drag on the vehicle.

Available Dimensions

<table>
<thead>
<tr>
<th>1100 mm</th>
<th>600 mm</th>
<th>500 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1300 mm)</td>
<td>(700 mm)</td>
<td>(600 mm)</td>
</tr>
<tr>
<td>(1500 mm)</td>
<td>(800 mm)</td>
<td>(700 mm)</td>
</tr>
</tbody>
</table>

General Information

Platform
- Platform in aluminium alloy

Mechanical Functions
- Assisted opening of the platform.
- Automatic adjustment of platform tilt between vehicle floor and ground.
- Manually adjustable levelling of platform.
- Tail-lift with rear bumper already factory-welded on the main assembly of the tail-lift.
- Anti-friction self-lubricating bushings and chrome-plated pins.

Hydraulic Characteristics
- Compact hydraulic group with security seal.
- 1 single-acting lift cylinder with lubrication.
- Built-in safety solenoid valves on the cylinder.
- Tank with air filter.
- Chrome-plated steel cylinder rods with high yield.
- Flow adjusters compensated on downward movements.

Controls
- Waterproof external control box fixed to the body.
- Control with no electronic components, illuminated for night use.
- Battery isolator with key.
- Two-hand use for operator’s safety.
- Motor with thermal safety device.
- Motor relay with 350 A silver pin (peak current).

Arm
- Available with one type of arm.
- REP CL 05 LR: distance between centres 678 mm (26” 3/4).

Assembly
Mounting plates to be welded to the beam by the installer.

Product Finishing
- Finish painted.
- Material conform to EC standards.
- Chrome-plated steel pins and self-lubricating bushings.

Technical Data

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Load capacity (centre to centre at 600 mm 23” 7/8)</th>
<th>Standard platform dimensions Deep x Width</th>
<th>Weight *</th>
<th>A (min. max.)</th>
<th>E (max.)</th>
<th>B (max.)</th>
<th>T (min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>REP CL 05 LR</td>
<td>500 Kg (1100 lbs)</td>
<td>1100 x 2000 mm*** (43” x 78’ 3/4**)</td>
<td>225 Kg (496 lbs)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1300 x 2000 mm*** (51” x 78’ 3/4**)</td>
<td>240 Kg (529 lbs)</td>
<td>350 mm (13” 3/4)</td>
<td>470 mm (18” 1/2)</td>
<td>1000 mm (39” 3/8)</td>
<td>907 mm (35” 3/4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1500 x 2000 mm*** (59” x 78’ 3/4**)</td>
<td>255 Kg (562 lbs)</td>
<td>150 mm (5” 7/8)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

***Note: 2000 mm (78” 3/4) width available - weight 229 Kg (526 lbs).
**Note: 2200 mm (86”) width max; decreased width available on request.
Centre of gravity of the vehicle depending on the type of platform and the size of the installations on the vehicle (see assembly instructions).
The above mentioned weights are approximate and may vary according to production.
Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
RCE 075
RETRACTABLE TAIL-LIFT - 4 CYLINDERS
load capacity: 750 kg

APPLICATIONS
The retractable tail-lift F3RE is the ideal tail-lift for distribution vehicles due to its versatility, large platforms and ease of use.
The tail-lift is stowed away under the vehicle making it ideal for dock loading.
RCE 075 is available for bodied chassis cab vehicles up to 7.5 tonnes GVW.

STANDARD EQUIPMEnTS
PLATFORM
- Platform in aluminum alloy

MECHANICAL FUNCTIONS
- Tail-lift deployment by means of adjustable chromium plated guides of high yield steel.
- Tail-lift deployment and stowage under chassis by means of double extension cylinder.
- Automatic hydraulic tilting of platform to ground.

HYDRAULIC CHARACTERISTICS
Compact power pack equipped with:
- closing seal, and soundproof.
- 2 single-acting lifting cylinders with lubrication.
- 2 single-acting tilt cylinders with lubrication.
- Memory cylinder with automatic tilting at ground level.
- 1 double ram for tail-lift deployment and stowage under chassis.
- Built-in safety solenoid valves on every cylinder.
- Tank with air filter.
- Chrome-plated steel cylinder rods with high yield.
- Flow adjusters compensated on all downward movements.

CONTROLS
- External control box.
- Illuminated control panel.
- Control with no electronic components.
- Cut off switch with key.
- Two-hand use for operator’s safety.
- Motor with thermal safety device.
- Motor relay with 350 A silver pin (peak current)
- Proximity switches for automatic positioning of tail-lift.

MOUNTING
- Bushes to be welded to the main beam.

PRODUCT FINISHING
- Material conform to EC standards.
- Chromium-plated steel pins.
- Anti-friction self-lubricating bushings.
- Delivered fully assembled and tested.

<table>
<thead>
<tr>
<th>Mod.</th>
<th>Load capacity (center of gravity at 600 mm)</th>
<th>Standard Platform Dimensions</th>
<th>Weight* Kg</th>
<th>A</th>
<th>E</th>
<th>B</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCE 075 H</td>
<td>750 Kg</td>
<td>1200* 1500** 2100</td>
<td>320</td>
<td>-</td>
<td>450</td>
<td>1210</td>
<td>945 1065** 273</td>
</tr>
</tbody>
</table>

*Indicative weight of tail-lift supplied in kit with a 1200 mm depth platform.
The weight may vary according to width.
**3 folds special platform.
Anteo reserves the right to change weights and technical specifications without prior notice.
No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.
**APPLICATIONS**

The retractable tail-lift F3RE is the ideal tail-lift for distribution vehicles due to its versatility, large platforms and ease of use. The tail-lift is stowed away under the vehicle making it ideal for dock loading. The F3RE is available for trucks and semi-trailers.

---

## RETRACTABLE TAIL-LIFT - CHROMED GUIDES, DOUBLE EXTENSION CYLINDER

### Applications

The retractable tail-lift F3RE is the ideal tail-lift for distribution vehicles due to its versatility, large platforms and ease of use. The tail-lift is stowed away under the vehicle making it ideal for dock loading. The F3RE is available for trucks and semi-trailers.

---

### All hydraulic steel parts are treated with KTL hexacrylic electro-cataphoresis

---

### Retractable Lifts

- **FUTURA**

---

### Mod. | Load Capacity (center of gravity at 600 mm) | E max | Platform Depth* (example) | B min | B' min | T | Weight Kg** | B min | B' min | T | Weight Kg**
---|---|---|---|---|---|---|---|---|---|---|---|---
**F3 RE 10 C** | 1000 kg | 1200 | 1560 (600 + 960) | 1472 | 1602 | 306 | 490 | - | - | - | - |
**F3 RE 10 H** | 1350 | 1395 (390 + 1005) | 1364 | 1494 | 306 | 515 | - | - | - | - |
**F3 RE 10 HS** | 1500 | 1605 (600 + 1005) | 1727 | 1857 | 306 | 540 | - | - | - | - |
**F3 RE 15 C** | 1130 | 1433 (550 + 883) | 1458 | 1553 | 298 | 580 | - | - | - | - |
**F3 RE 15 H** | 1290 | 1633 (750 + 883) | 1760 | 1855 | 298 | 605 | 1809 | 1854 | 453 | 605 |
**F3 RE 15 HS** | 1530 | 1633 (750 + 883) | 1912 | 2007 | 298 | 630 | 1962 | 2007 | 453 | 630 |
**F3 RE 15 HSS** | 1595 | 1633 (750 + 883) | 2012 | 2107 | 298 | 665 | - | - | - | - |
**F3 RE 20 C** | 1310 | 1433 (550 + 883) | 1458 | 1553 | 298 | 600 | 1760 | 1855 | 298 | 625 |
**F3 RE 20 H** | 1290 | 1633 (750 + 883) | 1760 | 1855 | 298 | 625 | 1809 | 1854 | 453 | 625 |
**F3 RE 20 HS** | 1530 | 1633 (750 + 883) | 1912 | 2007 | 298 | 650 | 1962 | 2007 | 453 | 650 |
**F3 RE 20 HSS** | 1595 | 1633 (750 + 883) | 2012 | 2107 | 298 | 665 | 2062 | 2107 | 453 | 665 |
**F3 RE 10 H** | 1000 kg | 1095 | 1240 | 366 | 455 | - | - | - | - |
**F3 RE 10 HS** | 1350 | 1583 (860 + 723) | 1244 | 1389 | 366 | 520 | - | - | - | - |
**F3 RE 15 C** | 1130 | 1083 (600 + 483) | 1022 | 1132 | 366 | 510 | - | - | - | - |
**F3 RE 15 H** | 1290 | 1283 (700 + 583) | 1122 | 1232 | 366 | 545 | 1160 | 1220 | 521 | 545 |
**F3 RE 15 HS** | 1530 | 1583 (860 + 733) | 1272 | 1382 | 366 | 610 | 1315 | 1375 | 521 | 610 |
**F3 RE 15 HSS** | 1595 | 1783 (960 + 833) | 1377 | 1487 | 366 | 630 | 1415 | 1475 | 521 | 630 |
**F3 RE 20 C** | 1130 | 1083 (600 + 483) | 1022 | 1132 | 366 | 530 | - | - | - | - |
**F3 RE 20 H** | 1290 | 1283 (700 + 583) | 1122 | 1232 | 366 | 565 | 1160 | 1220 | 521 | 565 |
**F3 RE 20 HS** | 1530 | 1583 (860 + 733) | 1272 | 1382 | 366 | 630 | 1315 | 1375 | 521 | 630 |
**F3 RE 20 HSS** | 1595 | 1783 (960 + 833) | 1377 | 1487 | 366 | 650 | 1415 | 1475 | 521 | 650 |

*For 1 fold platform: platforms depth available from 1333 mm to 1983 mm. **Approximate weight for tail-lift with platform width 2450 mm.

Centre of gravity of the vehicle depending on the type of arm and the size of the installations on the vehicle (see assembly instructions).

The above mentioned weights are approximate and may vary according to production. Anteo reserves the right to change weights and technical specifications without prior notice. No indemnity for damages can be claimed from Anteo for changes in technical specifications and/or in weight.