





THOUSANDS TAIL-LIFTS WORLDWIDE

A high distribution growth trend of the product on domestic and foreign markets has made the ANTEO Brand well-known around the world.

# THE STORY OF A GIANT "GREAT STRENGTH AND POWER"







anteo 2014

1969 saw the birth of Anteo, which was founded and structured to produce bespoke hydraulic cylinders, designed and made to clients' specifications. The company's name comes from Antaeus, a giant in Greek mythology who represented great strength and power.

In 1992 after more than twenty years of success, Anteo launched a new range of tail lifts for road haulage together with a fresh logo.

Years of experience in the hydraulic sector combined with effective commercial strategies, modern technology and a passionate desire for quality has resulted in the world-wide success achieved by the company today.

In January 2014 to celebrate the 45th birthday Anteo introduced a new, updated logo to reflect the prestige, strength, excellence, technology and reliability which characterise Anteo and the value it represents in Italy and abroad - A World Class Company.



# INNOVATION AND TECHNOLOGY

#### 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 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 expansion 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.

3D design integrated by a structural calculation module with finished components for searching for new solutions for transport and distribution.







#### ADVANCED TECHNOLOGY

The industrial spirit of a leadingedge 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.



# SAFETY

#### 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;
- 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.

## **SMART SAFE**

For Anteo - always careful to conform with safety regulations and sensitive to the safety and security of its installers and operators - compliance with EN1756-1 standards represents a new step forward in the production of tail lifts.

Installing the device on all Anteo tail lifts, – retractable, cantilever and column – will allow to monitor the platform's position at all times and warn the driver, with a light flashing in the vehicle's cabin, in the event of an issue with the position of the platform.









RMC R10 UNECE automotive electromagnetic compatibility.



Cantilevers with PIEK Certificate F3 CLP 10-17-22-30 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



5 . anteo . product range



- 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.



# **QUALITY**

#### 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 largescale 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.



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





# SMART REASONS WHY YOUR BUSINESS SHOULD CHOOSE ANTEO



# ACCURATE DESIGN & TESTS FOR A LONGER LIFE

- All lifts are accurately designed with 3D cad.
- Before launching production a prototype is tested with 50.000 cycles fatigue test to simulate a very long life.
- Designed and tested for intensive use and heavy duty circumstances.

## FACTORY TESTED, SAFE AND RELIABLE

- Every lift is factory functional tested prior to packaging.
- No electronic components, less susceptible to failure.
- Strong & robust
   5-cylinder tail lifts.
- Platform powered opening for reliable opening and speed.
- Hydraulic Automatic tilt at ground level.
- Electrical safety valves mounted to all cylinders.

## **EASY TO FIT**

- Constant updating of products to meet the evolutions of commercial vehicles
- Paint free, bolted assembly brackets.
- Many solutions for all vehicles.

#### FLEXIBLE & CLIENT-ORIENTED

- Wide range of products from 150 to 15,000 kg.
- A company that develop and manufacture tailormade products to give creative client-oriented solutions.



#### PREMIUM FINISH

#### Piston rods in hardchromed stainless steel for all cylinders exposed to adverse weather conditions

- Premium protection to prevent corrosion using KTL PLUS (the hexacrylic KTL) on the principal steel components.
- Anteo KTL plus- give corrosion no chance.

#### ECONOMIC SPARE PARTS AND LOW MAINTENANCE COSTS

- Lifts designed to allow easy maintenance.
- Low spare parts prices and low maintenance costs.
- Longer life-time and durability using strong special steels, alloys and high quality parts.
- Very low replacement on pins and bearings.

## A PROFESSIONAL SERVICE NETWORK ON YOUR DOOR STEP

 Professional service network here on your door step.

# THE CLEVER PURCHASE OF A PREMIUM TAIL-LIFT

Preferred choice of many transport companies, fleet-owners, rental companies and body builders around the world that are calculating the whole life costs not just the purchase cost over the next 5 years of the tail lift.

# **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;
- CAD design using 3D graphics;
- 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.















WE KEEP YOU MOVING 24/7



# REP CL 06 LR. CANTILEVER TAIL-LIFT WITH MANUAL **OPENING MESH ALUMINIUM** - 1 CYLINDER

#### Ι ΠΔΠ ΚΔΡΔΚΙΤΥ

600 KG





#### **APPLICATIONS**

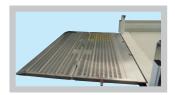
The REP CL O6 LR cantilever tail-lifts with manual opening are the ideal taillifts for logistic companies, vehicle rental companies and tool hire companies.

REP CL O6 LR is very light and compact. Therefore, it is suitable for smaller vehicles from 3.5 to 7 tons and pick-up.

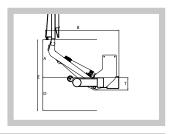
#### MESH ALUMINIUM PLATFORM:

- very strong alloy;
- less weight so more capacity to the vehicle;
- no paint and no rust;
- brilliant for the life.









	Load capacity			A	4	E	В	
Mod.	(centre to centre at 600 mm)	platform dimensions Deep x Width	Weight	min.	max.	max.	min.	Т
REP CL 06 LR	600 Kg	1450 x 2000 mm	230 Kg	350 mm	470 mm	1000 mm	907 mm	150 mm

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.



# F3CL 076 . CANTILEVER TAIL-LIFTS 4 CYLINDERS . WEIGHT 178 KG ONLY

Ι ΠΔΠ ΚΔΡΔΚΙΤΥ

750 KG



#### **TECHNICAL SPECIFICATIONS**

Cylinders:	1 lift cylinders + 2 tilt cylinders + 1 automatic tilt cylinder
Tilt cylinders:	Single acting
Platform opening:	Springs and gravity
Automatic tilt at ground level:	Yes, Hydraulic
Platform material:	Aluminium
Platform overlap under floor:	-50
Standard platform depths Steel:	Not available
Standard platform depths Alu:	1400 - 1600 - 1800 mm (max. 2000mm)
Standard platform widths Alu:	2090 mm (max 2300)
Lift arm lengths:	C-H
Lift arm widths (W):	440 mm
Standard control unit:	Exterior control box with joystick, turn button
Weights incl. CE	bumper

#### APPLICATIONS

The 4 cylinders F3CL 076 is a very light strong and compact lift, with very high performances.

Smooth hydraulic automatic tilt.

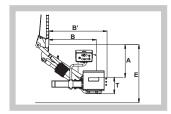
High stiffness ideal to equip vehicles for customers that like high performances.

The F3CL 076 is available with a wide variety of quick-fit mounting plates, to suit most commercial vehicles and light trucks up to 7.5T GVW.

Main beam: tailor made to suit most commercial vehicles.







## LIGHT. STRONG AND RELIABLE - WEIGHT 178 KG ONLY

Mod.	Load capacity (centre of gravity	Standard Platform Dimensions		Weight *	А		E	В	B1	Т
	at 600 mm)	Depth	Width	Kg	min.	max.	max.	min.	min.	
F3CL076C	750 Kg	1200 1400*		178 185	235	430	985	448	523	190
F3CLO76H	750 Kg	1600 1800	on demand	192 199	295	495	1140	526	601	190

Arm Length	Arm Width
(mm)	W44 (mm)
540	440
640	440

<sup>\*</sup>Indicative weight of tail-lift supplied in kit with 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 10 . CANTILEVER TAIL-LIFTS **2 CYLINDERS**

LOAD CAPACITY 1000 KG



#### TECHNICAL SPECIFICATIONS

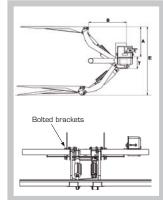
1lift cylinder + 1tilt cylinder
Single acting
Springs and gravity
Yes, mechanical
Aluminium
-50 mm F3M075 -55 mm F3M10
Not available
1400-1600 mm (max. 2000 mm-F3M10HS)
2180 - 2280 mm (max 2500)
С-Н
570 mm
Exterior control box with joystick, turn button
mper

#### **APPLICATIONS**

The 2-cylinder F3MO10 is a light compact lift with high simplicity, low maintenance cost and attractive pricing ideal to equip rental vehicles and light duty commercial vehicles.

The F3MO10 is available with a wide variety of quick-fit mounting plates, to suit most commercial vehicles and light trucks up to 7.5T GVW.





Mod.	Load capacity (center of gravity		rd Platform ensions	Weight*	А		Е	В	Т
	at 600 mm)	Depth	Width	Kg	min.	max.	max.	min.	
F3M 10 H	1000 Ka	1400*		310	205	480	1165	698	260
F3M 10 HS		1600	on demand	330	250	585	1375	774	260

<sup>\*</sup>Indicative weight of tail-lift supplied in kit with 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.



# F3 CL 10/17/22 . CANTILEVER TAIL-LIFT **5 CYLINDERS**



1000 KG





#### TECHNICAL SPECIFICATIONS Cylinders: 2 lift cylinders + 2 tilt cylinders + 1 automatic tilt cylinder Tilt cylinders: Double acting Platform Powered opening Automatic tilt at Yes, Hydraulic around level: Platform material: Aluminium or steel Platform overlap - 55 F3CL 17 - 22 - 50 F3CL 10 under floor: 1500 - 1800 mm Standard platform depths Steel: 1600 - 1800 mm Standard (max. 2100 mm - F3CL 10HS) platform depths (max. 2300 mm - F3CL 17HS) (max. 2600 mm - F3CL 22HS) Standard 2520 mm platform widths Steel: Standard plat-2350 - 2520 mm (max 2600) form widths Alu: Lift arm lengths: C-H-HS-HL Lift arm widths (W): 1050 - 1230 - 1520 mm Standard Unit Exterior control box with control: joystick, turn button

Weights incl. CE bumper

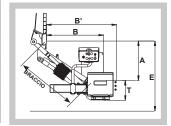
#### **APPLICATIONS**

The 5 cylinders F3CL 10/17/22 are very strong lifts, with very high performances for intensive usage.

It is ideal for the most demanding applications in the regular transport business, such as supermarket and food distribution.

Platform Power opening that gives high speed of platform opening even with very low temperatures, smooth hydraulic automatic tilt, high stiffness ideal to equip vehicles for customers that like high performances.

The 5 cylinders F3CL 10/17/22 are extremely versatile lifts suitable for commercial trucks above 7.5T GVW, trailers and semi-trailers.





	Load capacity	Weight *	E		4	В	B'		Arm	Arm Width (centre to centre)				
Mod.	(centre of gravity at 600 mm)	Kg	max	min	max	min	min	Т	Length	W 105	W 123	W 152		
F3 CL 10 C		290	1135	290	500	540	635	215	640	1050	-	-		
F3 CL 10 H	1000 kg	305	1260	340	560	625	690	215	742	1050	-	-		
F3 CL 10 HS		320	1400	400	680	720	785	215	895	1050	-	-		
F3 CL 17 C		405	1150	290	520	562	712	254	640	-	1230	-		
F3 CL 17 H	1700 kg	420	1290	425	580	626	776	254	742	-	1230	1523		
F3 CL 17 HS		435	1450	420	700	744	894	254	895	-	1230	1523		
F3 CL 22 C		415	1150	290	520	562	712	254	640	-	1230	-		
F3 CL 22 H	2200 kg	430	1290	425	580	626	776	254	742	-	1230	1523		
F3 CL 22 HS		445	1450	420	700	744	894	254	895	-	1230	1523		

<sup>\*</sup>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, anter reserve 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 CL 10/17/22 . CANTILEVER TAIL-LIFT 5 CYLINDERS

#### LOAD CAPACITY

1000 KG

1700 KG 2200 KG

























Mechanical stop

Power pack

Control box

<sup>\*</sup>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-LIFT **5 CYLINDERS FOR HEAVY DUTY LOADS**

#### Ι ΠΔΠ ΚΔΡΔΚΙΤΥ

- 3000 KG AT 600 MM
- 2500 KG AT 1000 MM



#### TECHNICAL SPECIFICATIONS Cylinders: 2 lift cylinders + 2 tilt cylinders + 1 automatic tilt cylinder Tilt cylinders: Double acting Platform opening: Powered opening Δutomatic tilt at Yes, Hydraulic ground level: Platform material: Aluminium or steel Platform overlap under -75 mm floor: 2400 mm Standard platform depths Steel: Standard platform 1800 mm (max 2600) depths Alu: Standard platform 2450 mm 2520 mm 2450 mm (max 2600) 2520 mm (max 2600) Standard platform Lift arm lengths: H-HS Lift arm widths (W): 1250 mm Standard control: Unit Exterior control box with joystick, turn button

Weights incl. CE bumper

#### APPLICATIONS

The 5 cylinders F3CL 30 is a very power lift, heavy duty task with very high performances for intensive usage.

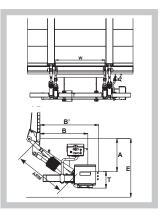
The robust frame with reinforced strong articulation pins and big cylinders is designed for lift capacities of 2500 to 3000 kg.

Platform Power opening that gives high speed of platform opening even with very low temperatures, hydraulic automatic tilt for a smooth and safer operation. high stiffness ideal to equip vehicles for customers that like high performances.

The 5 cylinders F3CL 30 is suitable for rigids, trailers and semi-trailers and when equipped with a longer platform (up to 2600 mm) can easily form the rear closure of the vehicle body.







	Mod.	Load capacity (centre of gravity	Std. Platform Dimensions		Weight *	Е	А		В	B,	Т	Arm	Arm Width (centre to centre)	
		at 600 mm)	Depth	Width	Kg	max	min	max	min	min		Length	W 125	
ı	F3 CL 30 H	00001	1800	1800		1380	420	700	590	740	295	793	1250	
	F3 CL 30 HS	3000 kg	2000	2500	670	1620	500	800	810	960	295	1003	1250	

<sup>\*</sup>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, anter reserve 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 RE 10/17/22 / 30 AM . RETRACTABLE TAIL-LIFT **ALUMINIUM GUIDES - 5 CYLINDERS**



#### TECHNICAL SPECIFICATIONS

Cylinders:	2 lift cylinders + 2 tilt cylinders + 1 automatic tilt cylinder
Sliding system:	Aluminium sliding , hydraulic motor + pinion and rack
Tilt cylinders:	Single acting
Automatic tilt at ground level:	Yes, Hydraulic
Platform ma- terial:	Aluminium
Standard platform depths Alu:	1 fold 1483 - 1638 - 1783 mm (max 2033) 2 folds 1333 - 1633 - 1833 mm
Standard platform widths Alu:	2100 - 2250 - 2400 mm (Max 2500)
Lift arm lengths:	C - H - HS - HSS
Lift arm widths (W):	780 -1230 - 1520 mm
Standard	Unit Exterior control box with
control:	joystick, turn button

#### **APPLICATIONS**

F3RE 10/17/22 AM with Aluminium Slyders, so attractive pricing and ideal to equip rental vehicles.

The 5 cylinders F3RE 10/17/22 AM is a strong and compact lift, with very high performances.

Smooth hydraulic automatic tilt, high stiffness ideal to equip vehicles for customers that like high performances.

The 5 cylinders a F3RE 10/17/22 AM is available with a wide variety of versions, to suit commercial trucks above 7.5T GVW, rigids, trailers and semi-trailers.

SIDE FITTING FOR RIGID VEHICLE QUICK FITTING FOR SEMI-TRAILER

	Mod.	Load capacity (center of gravity at 600 mm)	E max		orm Depth* example)	B min	B' min	Т	Weight** Kg	B min	B' min	Т	Weight* Kg
Z.	F3 RE 10 C AM F3 RE 17 C AM F3 RE 22 C AM	1000 kg 1700 kg 2200 kg	1115 1130 1130	1560 1433 1433	(600 + 960) (550 + 883) (550 + 883)	1473 1454 1454	1578 1524 1524	342 318 318	430 470 490	-	-	-	-
) PLATFORM	F3 RE 10 H AM F3 RE 17 H AM F3 RE 22 H AM	1000 kg 1700 kg 2200 kg	1275 1290 1290	1560 1633 1633	(600 + 1005) (750 + 883) (750+ 883)	1575 1756 1756	1680 1826 1826	342 318 342	455 505 525	- 1750 1750	- 1825 1825	- 487 487	502 522
1 FOLD	F3 RE 10 HS AM F3 RE 17 HS AM F3 RE 22 HS AM	1000 kg 1700 kg 2200 kg	1510 1530 1530	1755 1633 1633	(750 + 1005) (750 + 883) (750 + 883)	1878 1909 1909	1983 1979 1979	342 318 318	480 520 540	1903 1903	- 1978 1978	- 487 487	517 537
	F3RE30 H AM F3RE30 H1 AM F3RE30 HS AM	3000 Kg 3000 Kg 3000 Kg	1290 1370 1620	1791 1791 2341	(758+1033) (858+933) (1008+1333)	1920 2070 2375	1925 2075 2380	328 328 328	831 870 911	1920 2070 2375	1925 2075 2380	482 482 482	831 870 911
PLATFORM	F3 RE 17 C AM F3 RE 22 C AM	1700 kg 2200 kg	1130		1083	1123	1093	375	450 470	-	-	-	-
FOLDS PLAT	F3 RE 10 H AM F3 RE 17 H AM F3 RE 22 H AM	1000 kg 1700 kg 2200 kg	1275 1290 1290		1305 1283 1283	1092 1226 1226	1197 1196 1196	342 375 375	395 485 505	1220	1221	544	482 502
2 10	F3 RE 10 HS AM F3 RE 17 HS AM F3 RE 22 HS AM	1000 kg 1700 kg 2200 kg	1510 1530 1530		1600 1583 1583	1245 1379 1379	1350 1346 1346	342 375 375	460 520 540	1373	1374	544	517 537

<sup>\*</sup>Platforms depth 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.



# F3 RE 10/17/22 / 30 AM . RETRACTABLE TAIL-LIFT ALUMINIUM GUIDES - 5 CYLINDERS

1000 KG 1700 KG 2200 KG 2500 KG 3000 KG















Hydraulic motor and brake (patented)

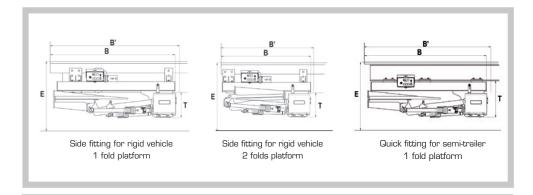






Power pack

Control box





# REP 06 LR - REP 10 LR - REP 11 LR REP 15-20/2 - REP 15-20/4 TUCKAWAY TAIL-LIFT



























# F3 CO. COLUMN TAIL-LIFT 1 CYLINDER

# F3 C0 10-15 900/1050/1200/1350 300 F3 C0 05 700/900/1100/1300 180

#### TECHNICAL SPECIFICATIONS

Pillars:	Aluminium						
Cylinders:	1 single acting						
Main beam:	Steel						
Platform	Aluminium						
Standard platform depths:	900 - 1050 - 1200 - 1350 mm						
Tip depths:	300 mm						
Standard control:	Unit Exterior fix control						

#### LOAD CAPACITY

500 KG

1000 KG
 1500 KG

#### APPLICATIONS

F3 C0 O5 - lifting capacity 500 kg - is a tail-lift specially designed for 3,5 ton vehicles.

F3 C0 10, F3 C0 15 - lifting capacity 1000 kg / 1500 kg - is specifically recommended for vehicles weighing more than 7 tons.

Light but sturdy with columns (pillars) and platform designed and made entirely in aluminium.

NB. In order to further reduce the weight of the F3 C0 O5, the compartment where the hydraulic control unit is situated, is entirely made of aluminium.









F3 CO 10 fitted on tipping body



F3 CO 10 folted platform

	Mod.	Load capacity	Width over	Width between	Column	Platform depth	E		D		Weight
	IVIOU.	(load centre of gravity at 600 mm)	columns*	columns	centers	(std. platform)	min	max	min	max	kg
	F3 CO O5/1	500 Kg	2284	2148	2216	900	1051	1160	350	450	130
Ì	F3 CO O5/2		2134	1998	2066	900	951	1050	350	450	125
	F3 CO O5/3		2084	1948	2016	900	850	950	350	450	120
	F3 CO 10-15	1000 Kg 1500 Kg	2233 2538	2087 2392	2165 2474	900	900 1400	1400 1700	395	495	335

<sup>\*</sup>Width over columns minimum 1934 mm (on demand)

Centre of gravity of the vehicle depending on the platform depth and the type 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 RA . HYDRAULIC RAMPS WITH ALUMINIUM PLATFORM **2 CYLINDERS**

#### Ι ΠΔΠ ΚΔΡΔΚΙΤΥ

2000 KG • SUUU KG 4000 KG • 10000 KG

6000 KG 15000 KG



#### TECHNICAL SPECIFICATIONS

#### **PLATFORM**

The F3 RA is designed with aluminium profiles and a very light structure which ensures a load transfer capacity from 2.000 Kg to 15.000 Kg.

#### MECHANICAL FUNCTIONS

Aluminium supporting structure - Reduced weight and increased vehicle lifting capacity.

Aluminium ramp divided in two parts with folding and unfolding by means of two hydraulic cylinders.

Aluminium support feet positioned between the first and second part of the ramp.

Control box to be placed on the vehicle side.

#### HYDRAULIC CHARACTERISTICS

12 or 24 volt electro-hydraulic control unit to be connected to the vehicle battery.

Ramp mounted on the crosspiece of the vehicle loading platform by means of three hinges. The support has to be welded by the fitter.

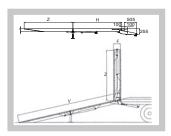
#### APPLICATIONS

The foreseen lengths of 3.600 mm and 4.000 mm allow a much reduced tilt, thus ensuring a simplified access of operating machines, lift trucks, motor cars and vehicles in general.









Mod.	Load transfer capacity (Kg)	V	Z	F	Weight (Kg)
F3RA 20-32	2000	3200	1600	220	310
F3RA 20-36	2000	3600	1800		330
F3RA 40-36	4000	3600	1800	220	375
F3RA 40-40	4000	4000	2000	220	395
F3RA 60-36	6000	3600	1800	280	385
F3RA 60-40	8000	4000	2000		405
F3RA 80-36	8000	3600	1800	280	390
F3RA 80-40	8000	4000	2000	280	410
F3RA 100-36	10000	3600	1800	310	400
F3RA 100-40	10000	4000	2000	310	420
F3RA 150-40	15000	4000	2000	310	560

# F3 HD VS / VSL (LIGHT) . VERTICAL SPLIT PLATFORM - 2 CYLINDERS

Ι ΠΔΠ ΚΔΡΔΚΙΤΥ

350 KG



### **TECHNICAL DATA**

	F3HD VS	F3HD VSL
E	920	880
В	310	310
B1	580	410
V	1350	1030
Н	-	-
L	590	510
W	1035	955
W1	1145	1065
Z	1420	1160

#### SAFETY DEVICES

- Battery disconnect device with key main switch
- Emergency mechanical hand pump
- Toe guard protection bridge plate
- Automatic safety flap for wheelchair locking and tilting to the ground
- Automatic guard handles

#### APPLICATIONS

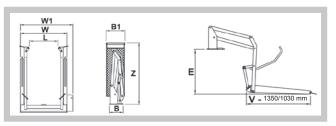
The F3HD-VS tail-lift has been designed for van derived vehicles, especially:

Citroen	JUMPER
Citroen	RELAY
Fiat	DUCATO
Ford	TOURNEO
Ford	TRANSIT
lveco	DAILY
Mercedes Benz	SPRINTER
Nissan	NV 400
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.



				F3HD VSL
Max load capacity	Kg	350	320	
Weight	Weight		145	110
Max power	12 V	Amp	100	100
consumption	24 V	Amp	50	50
Up-stroke speed (full lo	Up-stroke speed (full load)			5
Down-stroke speed (full load)		M/min	6	6
Oil tank capacity		L	1,8	1,8
Electric motor power	12 V	Watt	500	500
Electric Hotol, bowel.	24 V	Watt	800	800
Working pressure	Bar	140	140	
Noise level (* *)		Db	<70	<70



\*\* 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 HD **!** IV . WHOLE PLATFORM 2 CYLINDERS

LOAD CAPACITY

350 KG



#### TECHNICAL DATA

	F3HD 1150 IV	F3HD 1250 IV	F3HD 1350 IV	F3HD 900x1400 IV
Е	920	920	920	920
В	310	310	310	310
B1	340	340	340	340
V	1150	1250	1350	1400
L	800	800	800	900
W	1030	1030	1030	1130
W1	1140	1140	1140	1240
Z	1220	1320	1420	1470

#### SAFETY DEVICES

- Battery disconnect device with key main switch
- Emergency mechanical hand pump
- Toe guard protection bridge plate
- Automatic safety flap for wheelchair locking and tilting to the ground
- Automatic guard handles

#### APPLICATIONS

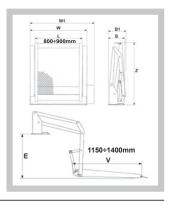
The F3HD-IV tail-lift has been designed for van derived vehicles, especially:

Citroen	JUMPER
Citroen	RELAY
Fiat	DUCATO
Ford	TOURNEO
Ford	TRANSIT
lveco	DAILY
Mercedes Benz	SPRINTER
Nissan	NV 400
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.



		F3HD	F3HD	F3HD	F3HD	
			1150 IV	1250 IV	1350 IV	900x1400 IV
Max Load Capacity K			320	320	320	350
Weight		Kg	145	145	145	160
M D 0 .:	12 V	Amp	100	100	100	100
Max Power Consumption	24 V	Amp	50	50	50	50
Up-Stroke Speed (Full Load) m/		m/min	5	5	5	5
Down-Stroke Speed (Full Load) m,		m/min	6	6	6	6
Oil Tank Capacity		1	1,8	1,8	1,8	1,8
FL M D	12 V	Watt	500	500	500	500
Electric Motor Power	24 V	Watt	800	800	800	800
Working Pressure ba		bar	140	140	140	140
Noise Level (**) dB		dB	<70	<70	<70	<70



\*\* 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.





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