

We are,  
lifting  
the world.



**D.L.P.**  
Tail Lift

**2019**

[www.dlp.com.tr](http://www.dlp.com.tr)



## TRUCK AND PANELVAN LIFTS





# COMPANY PROFILE

DÜELSAN is a 100% Turkish family run company for three generations, established in 1976 in Samsun, Turkey. Pioneer and leader in the specialized area of hydraulic mechanical solutions for transportation of cargo and people, defense industry, work machines and for automotive sector starters, alternators electromechanical products and spare parts.

Over the years the product portfolio has been steadily expanded with products such as the Tail Lifts, and the Access Platforms with DLP brand name.

DLP has a flexible production structure in an area covering 6.000 square meters. A world-wide service network including the supply of spare parts ensures fast and professional onsite support. For more than 43 years we have focused on customized solutions, design excellence, product development and sourcing.

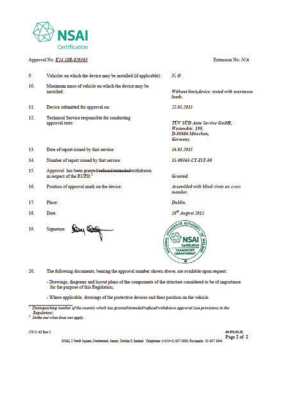
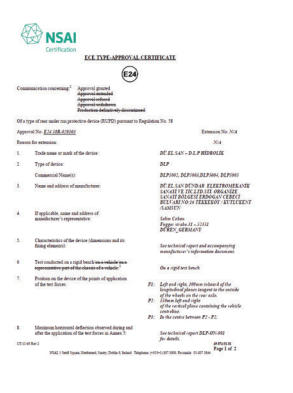
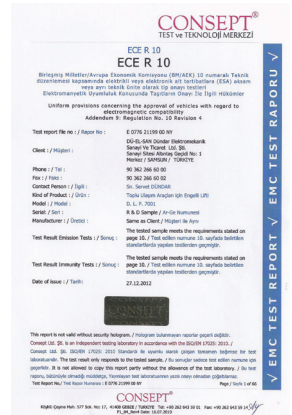
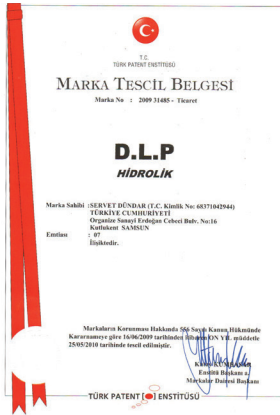
DLP, using its own technology, develops plans and manufactures equipment for the transportation of cargo and people, either attached to vehicles, or stationary, with a great emphasis on the use of hydraulic mechanical procedures. We are the only Turkish company that can offer a range of options of equipment to be able to provide you with the best solution for your needs.

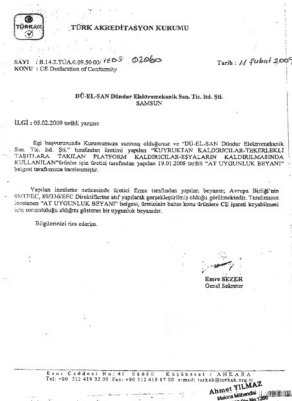


Discover  
the potential

**Best Regards**  
**DLP TAIL LIFT**

# QUALITY CERTIFICATES







# DLP 5011 / 1000 KG



The capacity of column lift is 500-1000 KG.

It can apply all kind of vehicle.

System works with 2 cylinders.

It's very reliable about safety and stability.

Lift can be mountable to back of the vehicle or one side of the vehicle.

Lift Type	Column Type
Lift Capacity	1.000 kg
Power Source	Battery of Vehicle 12 volt or 24-volt DC
Power Unit	Hydraulic powerpack
Chassis Profile	Mounted on the vehicle body
Platform Type	Aluminum
Platform Size	Depends On The Vehicle
Paint Type	Oven Static Paint

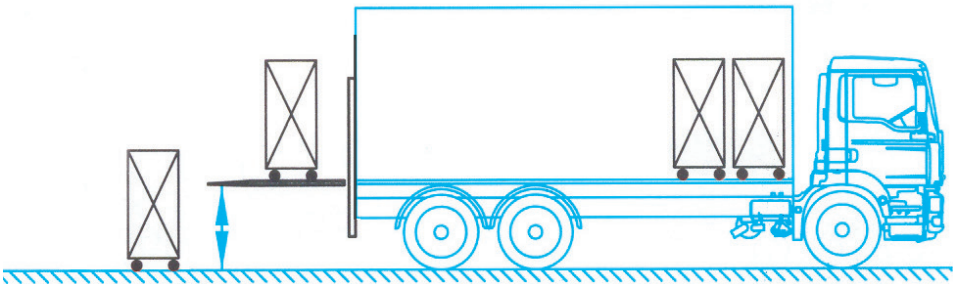
# COLUMN LIFT

Code: DLP 5011 / 1000 KG

Lift Arm Length	
Max. Lifting	1.500 mm
Max. Lowering	1.500 mm
Chassis Width	Vehicle Case
Chassis Length	
Body Weight	Depends On The Vehicle
Platform Weight	Depends On The Vehicle
Cylinder	2 Lift Cylinder+ 2 Opening-Closing Cylinder
Check Valve	2
Platform Size	Depends On The Vehicle
Fitting Bracket Max. Space	

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 1.000 kg  
Working Pressure: 160 Bar  
Loading Center: 600 mm  
Lifting Speed: 0,1 m/s  
Lowering Speed: 0,1 m/s  
Opening - Closing Time: 7-8s  
Platform Working Angle: 90°  
Power Source: 12 volt-24-volt DC  
Platform Type: Aluminum  
2 Unit Opening-Closing Cylinder  
2 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Second Reserve Control Unit



# DLP 5009 / 500 -750 KG



Produced for panelvan vehicles with 500-750 KG capacity.  
It has 2 different control system.  
Tilt movement works manually.



Lift Type	Panelvan type, mounted outside (Small Arm)
Lift Capacity	500-750 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic powerpack
Chassis Profile	C Fitting Bracket 120 x 120 8 mm ST52
Platform Type	Aluminum
Platform Size	Depends On The Vehicle
Paint Type	Oven Static Paint



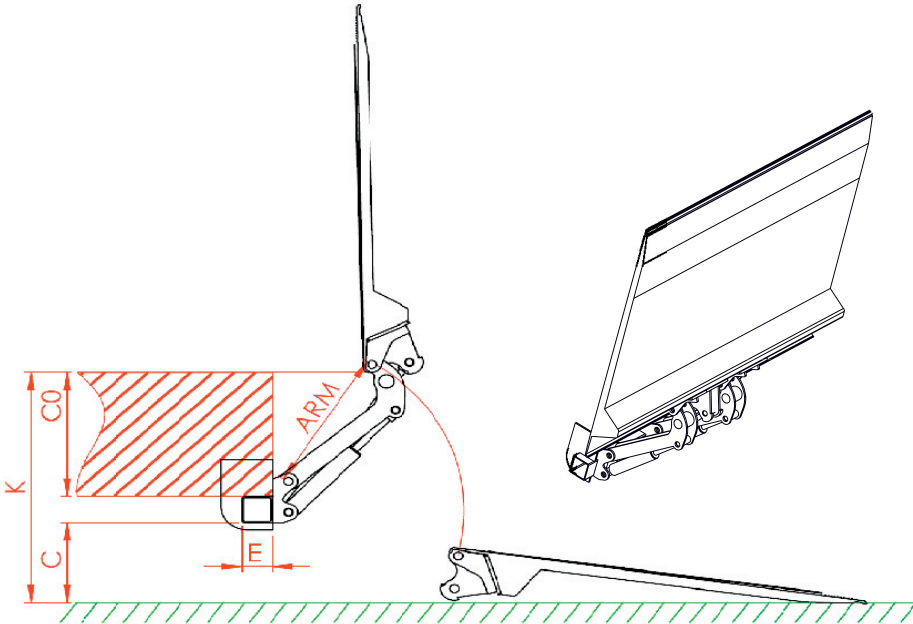
# PANELVAN LIFT

**Code:** DLP 5009 / 500-750 KG

Lift Arm Length	700 mm
Max. Lifting	800 mm
Max. Lowering	350 mm
Chassis Width	300 mm
Chassis Length	1.100 mm
Body Weight	Depends On The Vehicle
Platform Weight	Depends On The Vehicle
Cylinder	2 Lift Cylinder +1 Tilt Cylinder
Check Valve	3
Platform Size	Depends On The Vehicle
Fitting Bracket Max. Space	830 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 500-750 kg  
Working Pressure 160 Bar  
Loading Center: 600 mm  
Lifting Speed: 0,1 m/s  
Lowering Speed: 0,1 m/s  
Opening-Closing Time: 7-8s  
Platform Working Angle: +90°  
Power Source: 12-volt / 24-volt DC  
Platform Type: Aluminum  
3 Unit Cylinder  
3 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Second Reserve Control Unit



# DLP 5013 / 500-750 KG



Produced for panelvan vehicles with 500-750 KG capacity.

It has 2 different control system.

System works with two arms and it's mounted inside to the vehicle.

This model does not need to project, can mounted easily, safety and practice.

Lift Type	For Vans Mounted Inside
Lift Capacity	500-750 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic powerpack
Chassis Profile	80 x 80
Platform Type	Aluminum
Platform Size	Depends On The Vehicle
Paint Type	Oven Static Paint

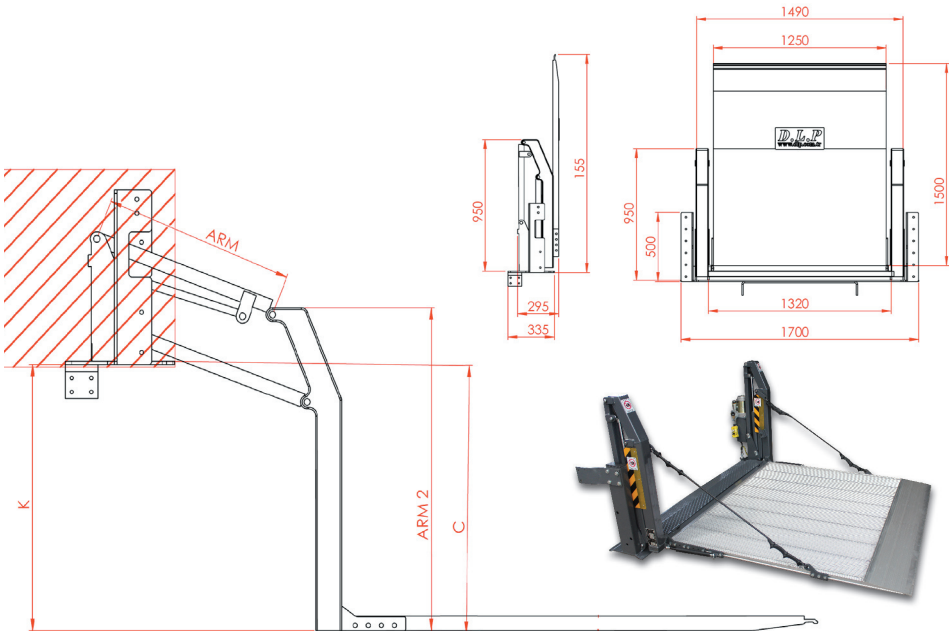
# PANELVAN LIFT

**Code:** DLP 5013/500-750 KG

Lift Arm Length	990 mm
Max. Lifting	750 - 850m
Max. Lowering	700 mm
Chassis Width	335 mm
Chassis Length	1.500 mm
Body Weight	130 kg
Platform Weight	Depends On The Vehicle
Cylinder	2 Lift Cylinder
Check Valve	1
Platform Size	1200x 1.500 mm
Fitting Bracket Max. Space	750 – 860 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 500 -750 kg  
 Working Pressure: 160 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: 0 to +90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 2 Unit Cylinder  
 1 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit





# DLP 5010 / 500-750 KG



This model produced for light commercial vehicles, for vans and for low tire diameters vehicles with 500-750 KG loading capacity.

It has 2 different control system.

It can apply Sprinter, Crafter, Hyundai, Transit, Fuso type vehicles.

Lift Type	Light Commercial Vehicle, Outside Mounted, C Fitting Bracket (Small Arm)
Lift Capacity	500-750 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	120 x 120
Platform Type	Aluminum
Platform Size	Depends On The Vehicle
Paint Type	Oven Static Paint

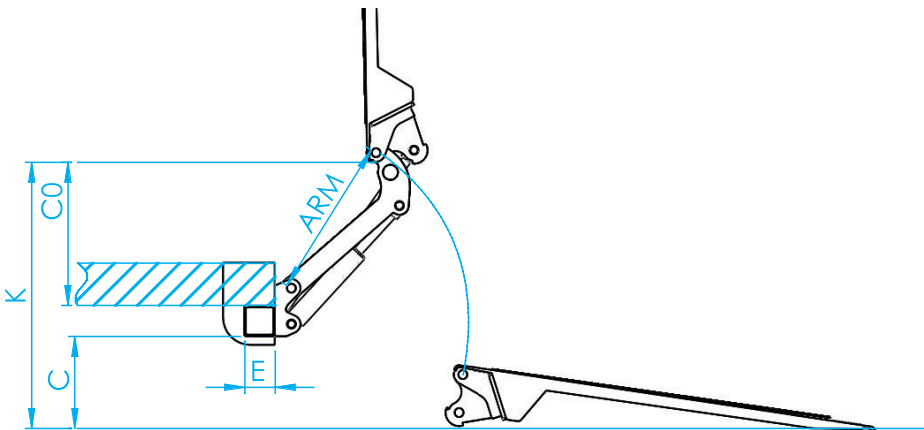
# LIGHT COMMERCIAL VEHICLE LIFT

**Code:** DLP 5010 / 500 - 750 KG

Lift Arm Length	700 mm
Max. Lifting	800 x 850 mm
Max. Lowering	350 mm
Chassis Width	650 mm
Chassis Length	1.100 mm
Body Weight	150 kg
Platform Weight	80 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	1.200 x 1.300 mm
Fitting Bracket Max. Space	750 - 860 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 500-750 kg  
Working Pressure: 160 Bar  
Loading Center: 600 mm  
Lifting Speed: 0,1 m/s  
Lowering Speed: 0,1 m/s  
Opening-Closing Time: 7-8s  
Platform Working Angle: -10° to +90°  
Power Source: 12-volt / 24-volt DC  
Platform Type: Aluminum  
4 Unit Cylinder  
4 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Second Reserve Control Unit



# DLP 5008 / 750 KG



750 KG capacity, mini arm tail lift. It's produced for 3.5 tons 5 tons strait and small chassis vehicles.

It uses C type reverse direction fitting brackets. It has 2 different control system. Tilt movement works automatically.

Lift Type	Small Arm, C Type Fitting Bracket (Medium)
Lift Capacity	750 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	120 x 120
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm 2400 x 1.800 mm -2.500 x 1.800 mm
Paint Type	Oven Static Paint



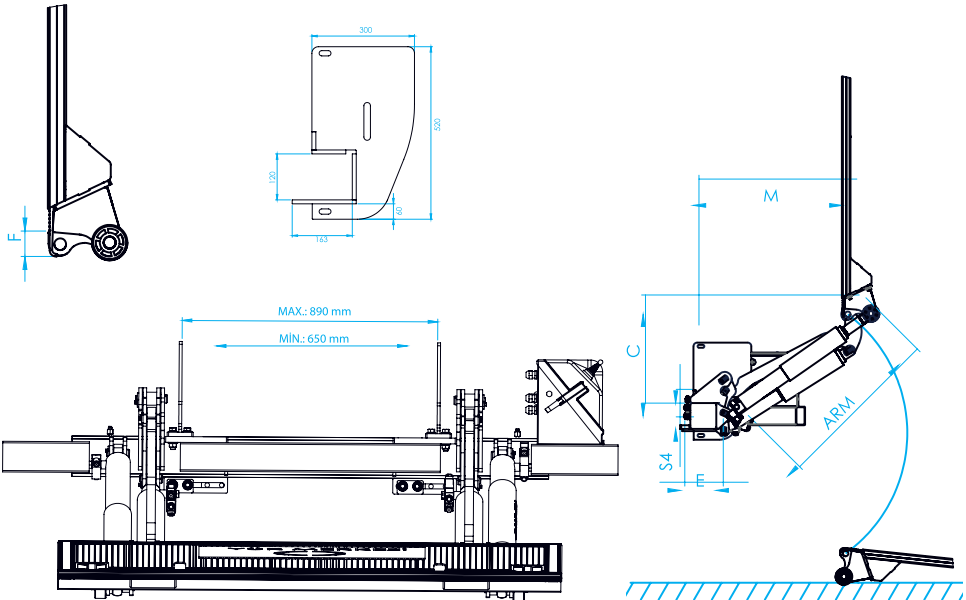
# LIGHT COMMERCIAL VEHICLE LIFT

**Code:** DLP 5008 / 750 KG

Lift Arm Length	780 mm
Max. Lifting	900 mm
Max. Lowering	400 mm
Chassis Width	690 mm
Chassis Length	1535 mm
Body Weight	250 kg
Platform Weight	103 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.200 x 1.800 mm
Fitting Bracket Max. Space	650 – 890 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 500-750 kg  
 Working Pressure: 100-160 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 6-7s  
 Platform Working Angle: -10° to +90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit



# DLP 5001 / 750-1000 KG



750-1.000 KG capacity, mini arm tail lift. It's produced for 3.5 tons - 5 tons strait and small chassis vehicles.

It uses C type reverse direction fitting brackets. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Short Arm, C Type Fitting Bracket (Medium)
Lift Capacity	750 kg - 1.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	120 x 120
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm - 2.500 x 1.800 mm
Paint Type	Oven Static Paint

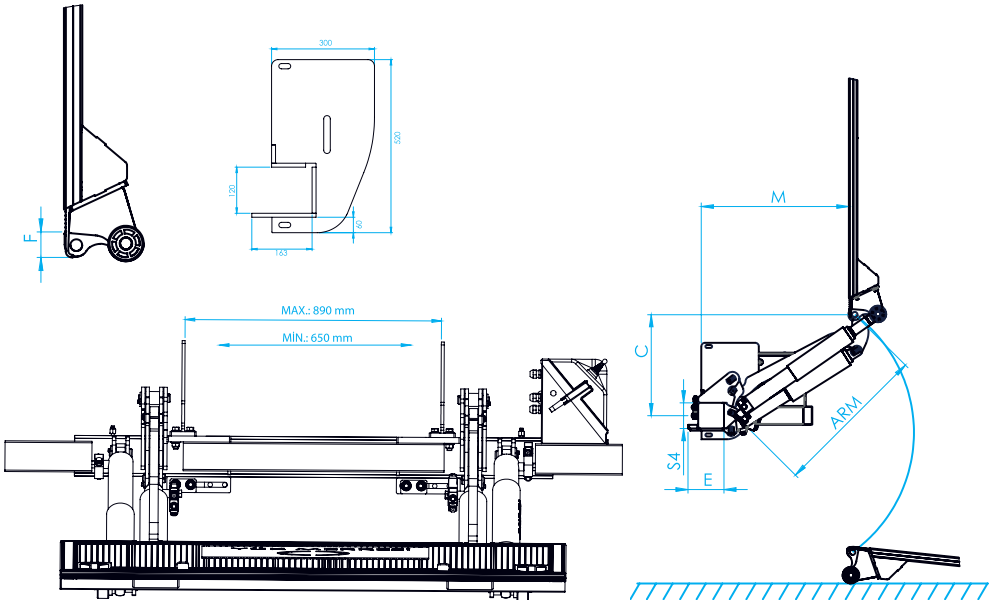
# STANDART LIFT

**Code:** DLP 5001 / 750-1000 KG

Lift Arm Length	780 mm
Max. Lifting	910 mm
Max. Lowering	500 mm
Chassis Width	690 mm
Chassis Length	2.080 mm
Body Weight	180 kg
Platform Weight	103 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.200 x 1.800 mm
Fitting Bracket Max. Space	50-890 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 750 – 1.000 kg  
 Working Pressure: 100-160 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening - Closing Time: 6-7s  
 Platform working Angle: -10° to +90°  
 Power Source: 12- volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit



# DLP 5002 / 1500-2000KG



1500-2000 KG capacity short arm tall lift. It's produced for 5 ton and 12 ton strait chassis vehicles. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Short Arm (Medium)
Lift Capacity	1.500-2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	140 x140 ST 52
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm - 2.500 x 1.800 mm
Paint Type	Oven Static Paint

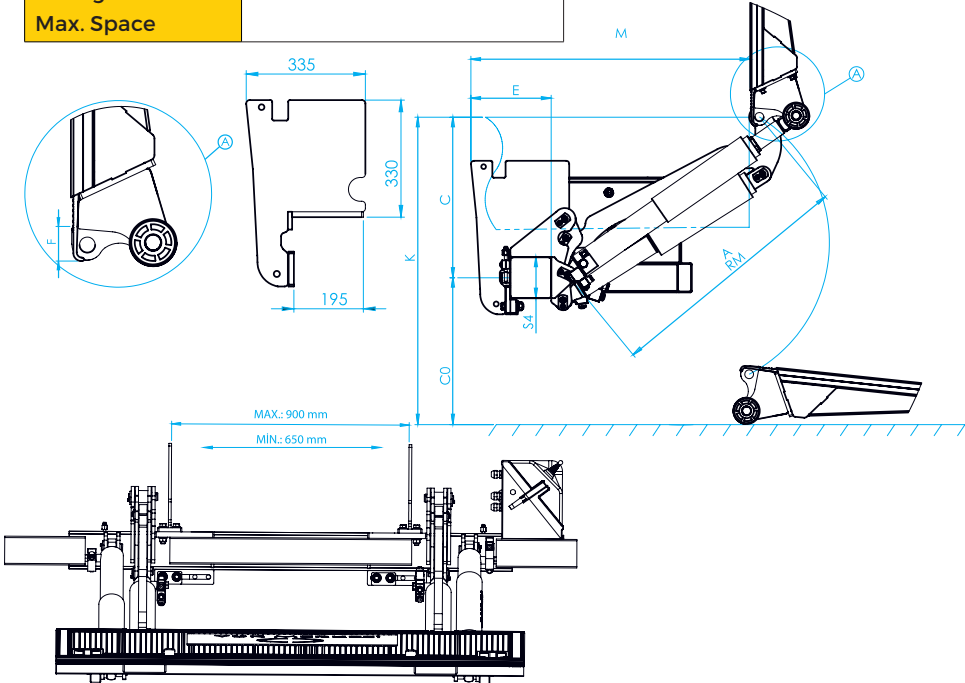
# STANDART LIFT

**Code:** DLP 5002 / 1500-2000 KG

Lift Arm Length	780 mm
Max. Lifting	1.100 mm
Max. Lowering	450 mm
Chassis Width	690 mm
Chassis Length	2.080 mm
Body Weight	275 kg
Platform Weight	103 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2200 x 1.800 mm
Fitting Bracket Max. Space	650-900 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 1.500-2.000 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Opening - Closing Time: 7-8 s  
 Platform Working Angle: -10° to +90°  
 Power Source: 12-volt / 24-volt DC  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit





# DLP 5003 / 1500 KG



1500 KG capacity, long arm tail lift. It's produced for 5 ton and 12 ton wide chassis vehicles. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Long Arm (Large)
Lift Capacity	1.500 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	140 x 140 ST 52
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm - 2.500 x 1.800 mm
Paint Type	Oven Static Paint

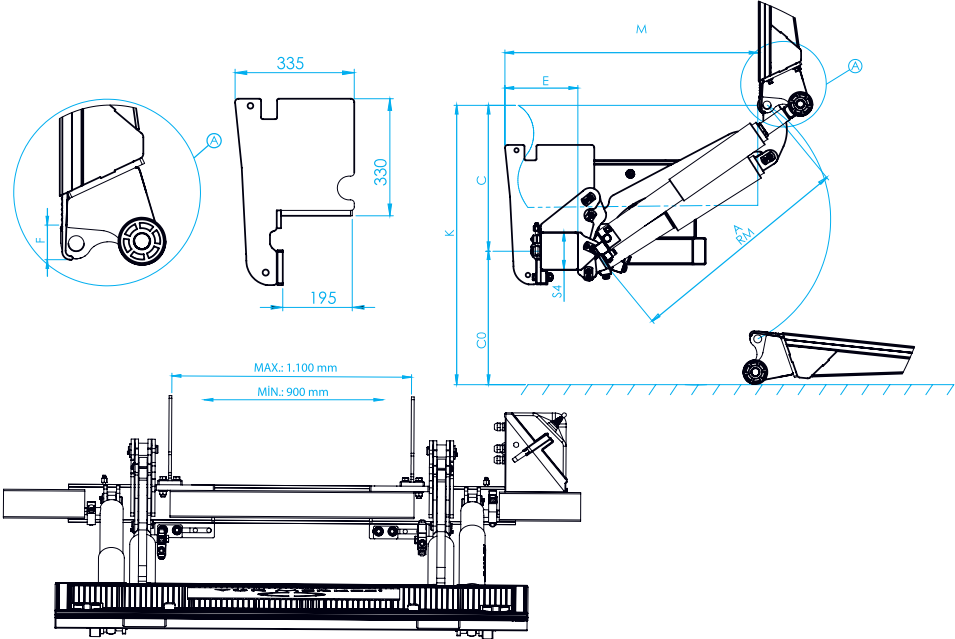
# STANDART LIFT

**Code: DLP 5003 / 1500 KG**

Lift Arm Length	910 mm
Max. Lifting	1.400 mm
Max. Lowering	500 mm
Chassis Width	800 mm
Chassis Length	2.270 mm
Body Weight	310 kg
Platform Weight	108 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.500 x 1.800 mm
Fitting Bracket Max. Space	900-1.100 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 1.500 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: -10° to +90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit



# DLP 5004 / 2000 KG



2000 KG capacity, long arm tail lift. It's produced for 5 ton and 18 ton wide chassis vehicles. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Long Arm (Large)
Lift Capacity	2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic powerpack
Chassis Profile	140 x140 ST 52
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm -2.500 x 1.800 mm
Paint Type	Oven Static Paint

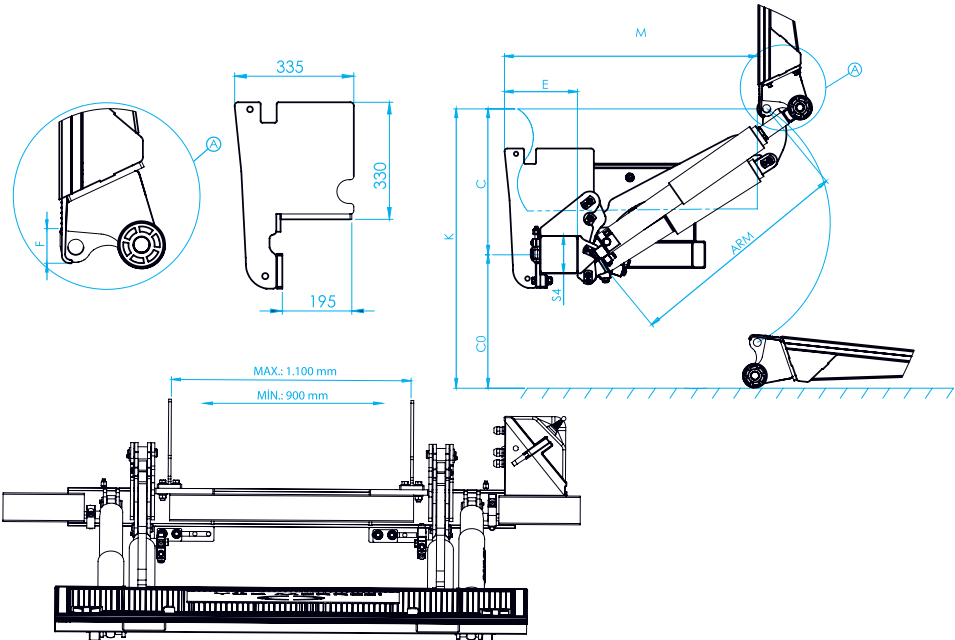
# STANDART LIFT

**Code:** DLP 5004 / 2000 KG

Lift Arm Length	910 mm
Max. Lifting	1.400 mm
Max. Lowering	500 mm
Chassis Width	800 mm
Chassis Length	2.700 mm
Body Weight	310 kg
Platform Weight	110 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.600 x 1800 mm
Fitting Bracket Max. Space	900 - 1.100 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 2.000 kg  
 Working Pressure: 160 - 180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8 s  
 Platform Working Angle: -10° to 90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TOV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit



# DLP 5012

## 1000-1500-2000 KG



2000 KG capacity, long arm tail lift. It's produced for 5 ton and 18 ton wide chassis vehicles. Euro lift has full options; Remote control, hand control, foot control, roll stop and warning lamps. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Euro (Long Arm and Short Arm) (Medium - Large)
Lift Capacity	1.000 - 1.500 - 2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	140 x 140 ST 52
Platform Type	Aluminum Foot Control Warning Lamp Roll Stop
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm - 2.500x 1.800 mm
Paint Type	Oven Static Paint



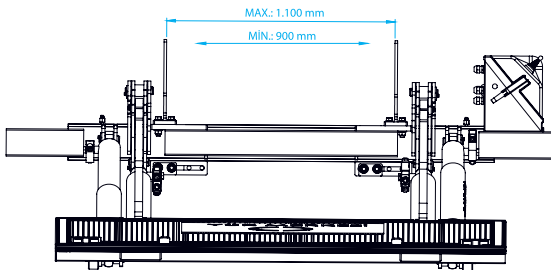
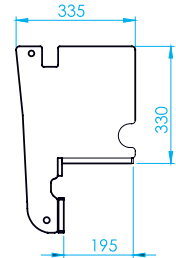
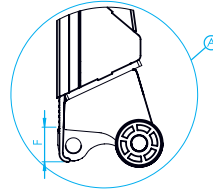
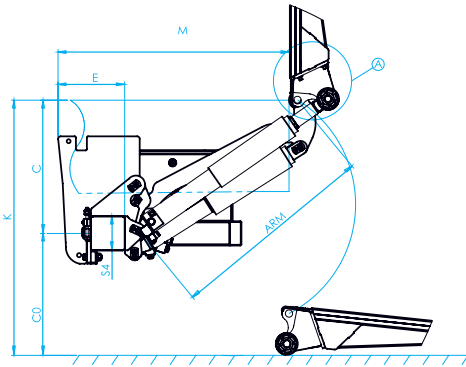
# EURO LIFT

**Code: DLP 5012 / 1000-1500-2000 KG**

Lift Arm Length	780 mm - 910 mm
Max. Lifting	1.400 mm
Max. Lowering	500 mm
Chassis Width	800 mm
Chassis Length	2.270 mm
Body Weight	310 kg
Platform Weight	110 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.500 x 1.800 mm
Fitting Bracket	740 - 980 mm
Max. Space	900 - 1.100 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 2.000 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: -10° to 90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Remote Control  
 Foot Control  
 Warning Lamp  
 Roll Stop



# DLP 5005

## 1500-2000 KG



1500 - 2000 KG capacity, long arm tail lift. It's produced for 12 ton and 18 ton trailer type wide chassis vehicles. Suitable for trailer wide chassis space and height, arm size called XL.

Lift Type	Standard Long Arm (XL)
Lift Capacity	1.500 - 2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	140 x 140 ST 52
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm -2.500 x 1.800 mm
Paint Type	Oven Static Paint

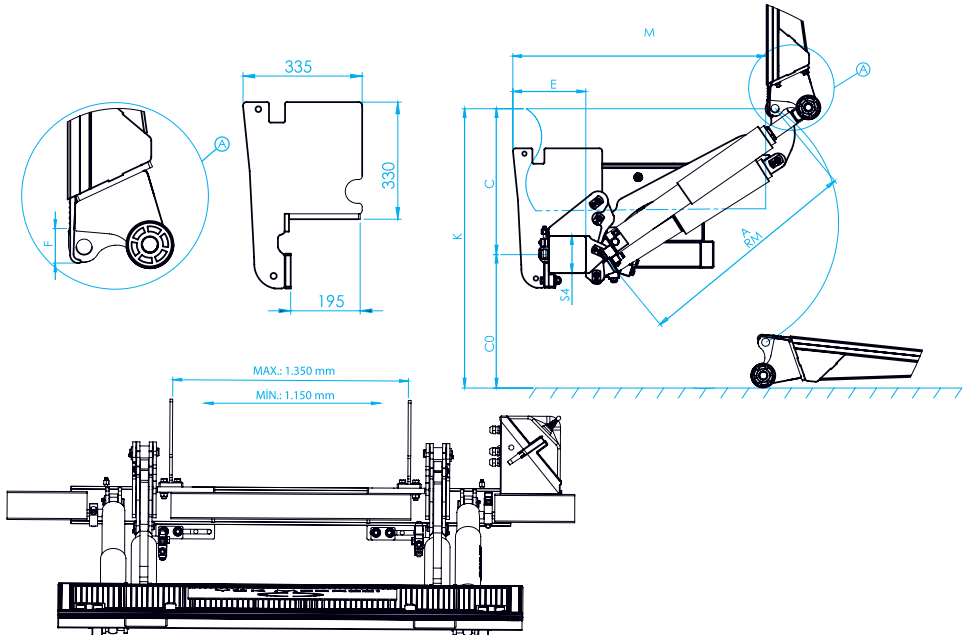
# TRAILER TYPE LIFT

**Code:** DLP 5005 / 1500 - 2000 KG

Lift Arm Length	910 mm
Max. Lifting	1.500 mm
Max. Lowering	500 mm
Chassis Width	800 mm
Chassis Length	2.650 mm
Body Weight	335 kg
Platform Weight	110 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.600 x 1.800 mm
Fitting Bracket Max. Space	1.150 - 1.350 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 1.500 - 2.000 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: -10° to 90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit



# DLP 5006

## 1500- 2000 KG



1500 – 2000 KG capacity, slider tail lift for trucks. It's produced for 12 ton and 18 ton wide chassis vehicles. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Slider Lift
Lift Capacity	1.500 - 2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic powerpack
Chassis Profile	140 x 140 ST 52
Platform Type	Aluminum
Platform Size	2.200 x 1.700 mm - 2.400 x 1.800 mm -2.500 x 1.800 mm
Paint Type	Oven Static Paint

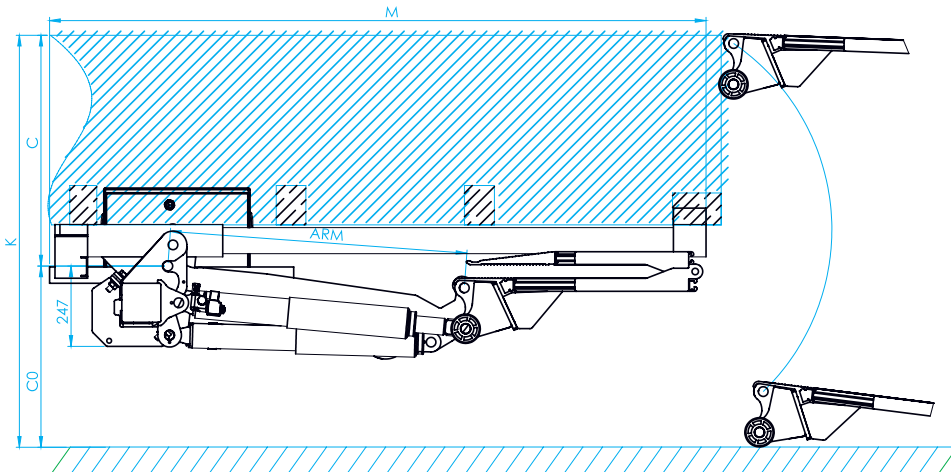
# SLIDER LIFT

**Code:** DLP 5006 / 1500 - 2000 KG

Lift Arm Length	910 mm
Max. Lifting	1.500 mm
Max. Lowering	580 mm
Chassis Width	2.000 mm
Chassis Length	2.650 mm
Body Weight	452 kg
Platform Weight	130 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder + 2 Forward - Back Cylinder
Check Valve	4
Platform Size	2.600 x 1.800 mm
Fitting Bracket Max. Space	1.150 - 1.350 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 1.500 - 2.000 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: -10° to 90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 6 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit





# DLP 5007

## 1500 - 2000 KG



1500-2000 KG capacity, short arm tail lift. It's produced for 7 ton and 12 ton wide chassis vehicles. It has steel folding platform. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Short Arm, Folding and Steel Platform (Medium)
Lift Capacity	1.500 - 2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	140 x 140 ST 52
Platform Type	Steel
Platform Size	Depends On The Vehicle
Paint Type	Oven Static Paint

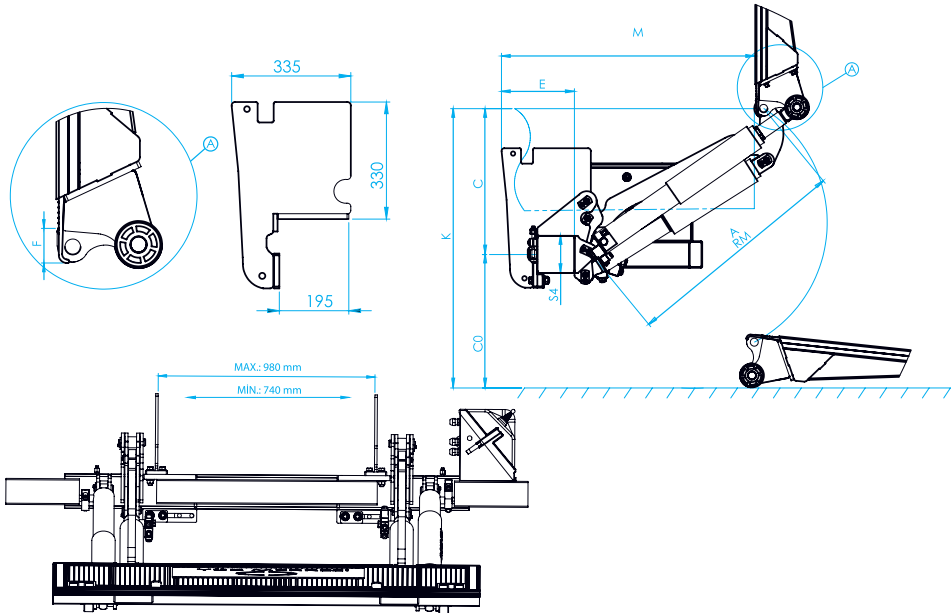
# FOLDING LIFT

**Code:** DLP 5007 / 1500 - 2000 KG

Lift Arm Length	780 mm
Max. Lifting	1.400 mm
Max. Lowering	500 mm
Chassis Width	800 mm
Chassis Length	2.080 mm
Body Weight	310 kg
Platform Weight	375 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	2.400 x 1.800 mm
Fitting Bracket Max. Space	740 - 980 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 1.500 - 2.000 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: -10° to 90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Steel  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit



# DLP 5008

## 1500 - 2000 KG



1500 - 2000 KG capacity, long arm tail lift. It's produced for 7 ton and 12 ton wide chassis vehicles. It uses steel platform. The system is controlled by the right side of the vehicle. It has 2 different control system. Tilt movement works automatically.

Lift Type	Standard Long Arm, Steel Platform (Large)
Lift Capacity	1.500 - 2.000 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	140 x 140 ST 52
Platform Type	Steel, for tube transport vehicle
Platform Size	2.000 X 1800 or Depends On The Vehicle
Paint Type	Oven Static Paint

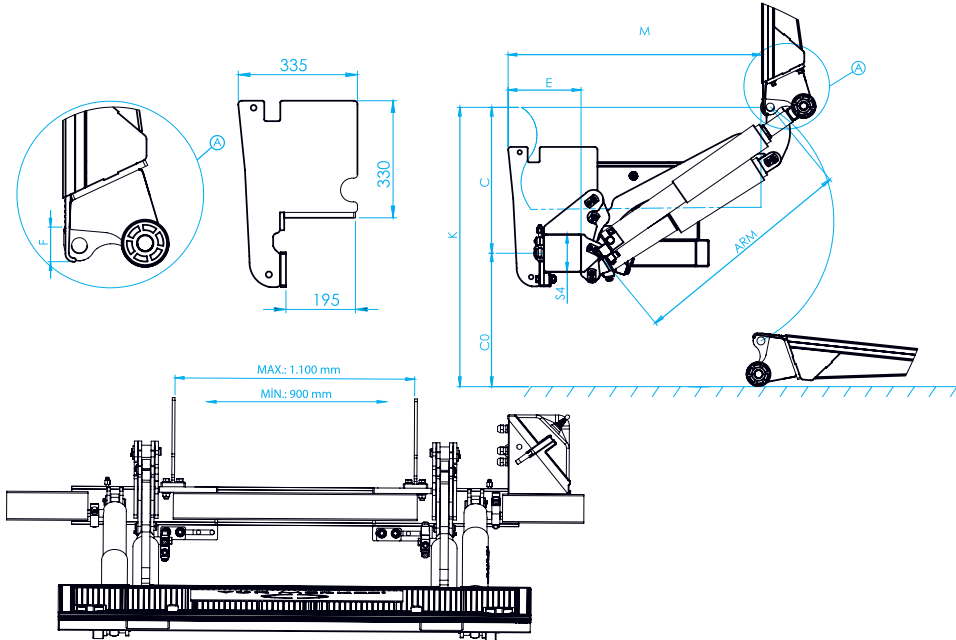
# TUBE TRANSPORT LIFT

**Code:** DLP 5008 / 1500 - 2000 KG

Lift Arm Length	910 mm
Max. Lifting	1.500 mm
Max. Lowering	500 mm
Chassis Width	800 mm
Chassis Length	2.080 mm
Body Weight	275 kg
Platform Weight	375 kg
Cylinder	2 Lift Cylinder + 2 Tilt Cylinder
Check Valve	4
Platform Size	Depends On The Vehicle
Fitting Bracket Max. Space	740 - 980 mm

## TECHNICAL SPECIFICATIONS


Lifting Capacity: 1.500 - 2.000 kg  
 Working Pressure: 160-180 Bar  
 Loading Center: 600 mm  
 Lifting Speed: 0,1 m/s  
 Lowering Speed: 0,1 m/s  
 Opening-Closing Time: 7-8s  
 Platform Working Angle: -10° to 90°  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Steel  
 E24 TÜV Certified 3 Parts Buffer  
 Bolted Type Fitting Bracket  
 4 Unit Cylinder  
 4 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Second Reserve Control Unit





# DLP 8000 - 8010

## 350 KG



**OPTIVAL**  
testing & certification

**TECHNICAL REPORT**

OPH-T-00514-00 Rev01 Dated 31.10.2018

Applicant : DÜ EL SAN Dönder ElektroniKark San. Ve Tic. Ltd. Şti.

Regulatory act : UN ECE R-10  
Electromagnetic Compatibility  
Supplement 1 to the 05 series of amendments

Type : DLP 8077

Application for:

☐ Vehicle

☐ System

☒ Component

☐ Separate technical unit

Information regarding approval status:

☒ First approval application

☐ Application for extension from

☐ Test report only

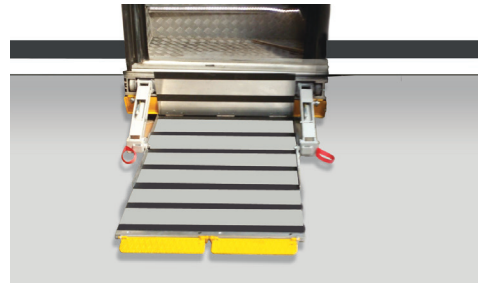
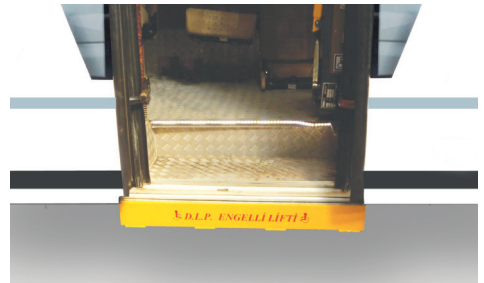
**OPTIVAL**  
testing & certification

Technical Test and Certification S.Ş.Şİ.  
Nispetiye Cad. No: 10 Kat: 3. Kat  
34398 Beşiktaş / İstanbul / Turkey  
www.optival.com.tr

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**E24\*1000501\*2018-00**

Cassette lift for mini-buses. Its lighter weight and easy assembled than the alternative products. DLP cassette lift has CE and EMC certificate.





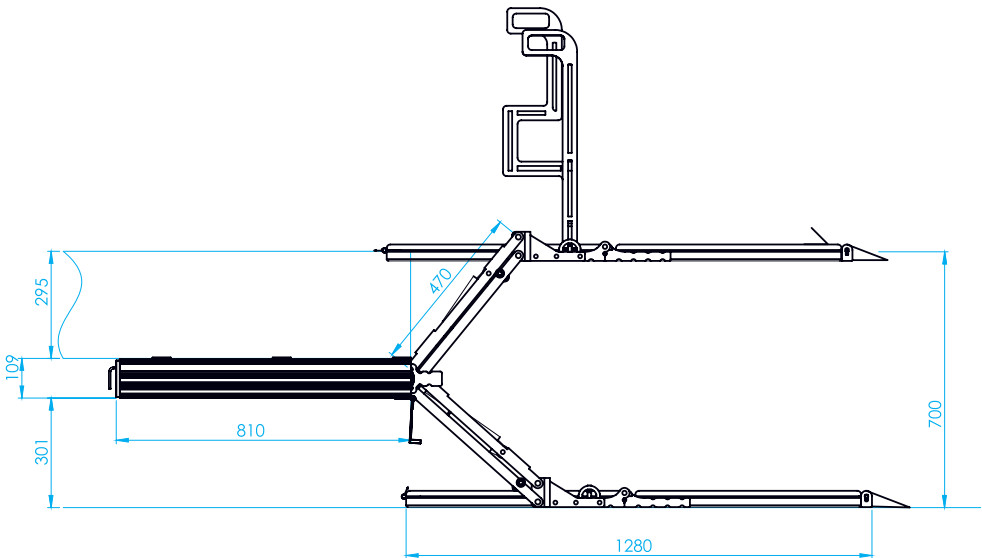
# CASSETTE TYPE WHEELCHAIR LIFT

Code: : DLP 8000 - 8010 / 350 KG

Lift Arm Length	500 mm
Max. Lifting	700 x 750 mm
Max. Lowering	250 mm
Chassis Width	1.200 mm
Chassis Length	810 mm
Total Weight	140 kg
Platform Weight	
Cylinder	2 Cylinder
Platform Size	800 x 1.200 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 350 kg  
Working Pressure: 60 Bar  
Power Source: 12-volt / 24-volt DC  
Platform Type: Aluminum  
2 Unit Cylinder  
2 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Remote Control



# DLP 7002 / 350 KG



Single arm wheelchair lift can be used for buses and mini-buses. It is possible to mounting lift from the side door or back door of the vehicle. Lifting - lowering and roll stop works automatically. Platform of the lift folding manually. There is a hand pump on the system for if there is any problem, user can lift the system with this hand pump. With manual discharge of check valve lift can be lowering easily. It has working lamp, working alarm, emergency button and required check valves.

<b>Lift Type</b>	Single Arm Wheelchair Lift
<b>Lift Capacity</b>	350 kg
<b>Power Source</b>	Battery of Vehicle 12-volt or 24-volt DC
<b>Power Unit</b>	Hydraulic Powerpack
<b>Chassis Profile</b>	Mounted on the floor of the vehicle
<b>Platform Type</b>	Aluminum or steel
<b>Platform Size</b>	1.260 x 800 mm
<b>Paint Type</b>	Oven Static Paint

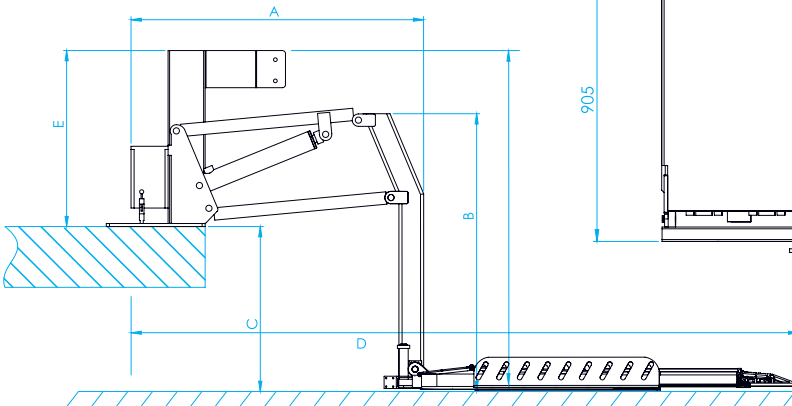
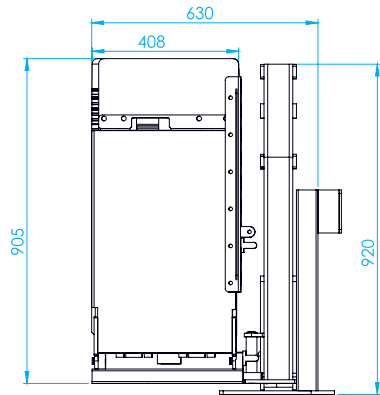
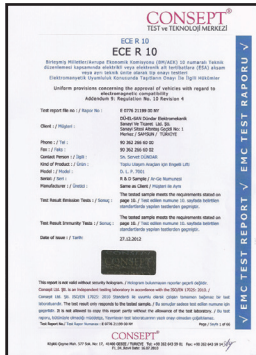
# SINGLE ARM WHEELCHAIR LIFT

**Code: DLP 7002 / 350 KG**

<b>Lift Arm Length</b>	920 - 650 mm
<b>Max. Lifting</b>	700 mm
<b>Max. Lowering</b>	700 mm
<b>Chassis Width</b>	320 x 515 mm
<b>Chassis Length</b>	920 mm
<b>Total Weight</b>	110 kg
<b>Cylinder</b>	1 Cylinder
<b>Platform Size</b>	800 x 1.200 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 350 kg  
 Working Pressure: 60 Bar  
 Power Source: 12-volt / 24-volt DC  
 Platform Type: Aluminum  
 1 Unit Cylinder  
 1 Unit Check Valve  
 Hydraulic Powerpack  
 Hand Control Unit  
 Remote Control  
 Warning Lamp  
 Alarm  
 Emergency Button



# DLP 7003 / 350 KG



Single arm wheelchair lift can be used for buses and mini-buses. It is possible to mounting lift from the side door or back door of the vehicle. Lifting- lowering and roll stop works automatically. Platform folding automatically and it is swivel table. There is a hand pump on the system for if there is any problem, you can lift the system with this hand pump. With manuel discharge of check valve lift can be lowering easily. It has working lamp, working alarm, emergency button and required check valves.

Lift Type	Automatic Single Arm Wheelchair Lift
Lift Capacity	350 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	Mounted on the floor of the vehicle
Platform Type	Aluminum
Platform Size	1.260 x 800 mm
Paint Type	Oven Static Paint

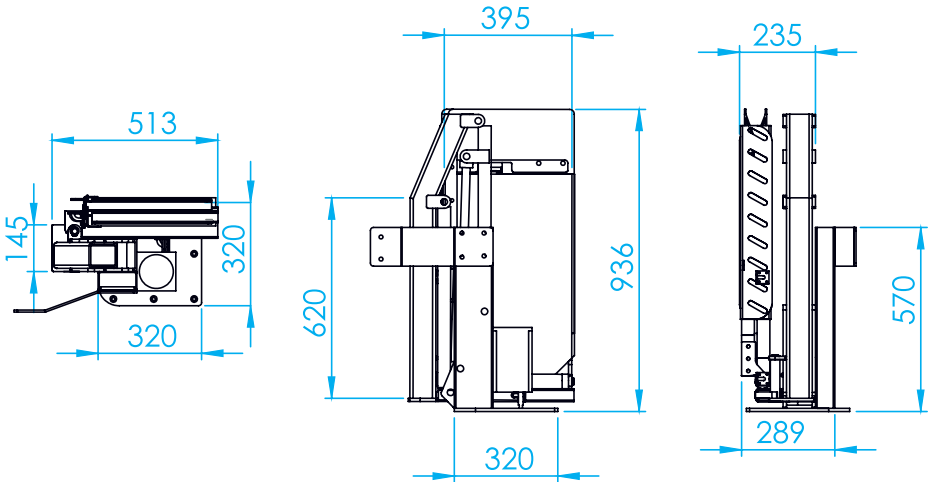
# AUTOMATIC SINGLE ARM WHEELCHAIR LIFT

**Code:** DLP 7003 / 350 KG

Lift Arm Length	920 mm
Max. Lifting	700 mm
Max. Lowering	700 mm
Chassis Width	320 x 650 mm
Chassis Length	920 mm
Total Weight	110 kg
Cylinder	1 Cylinder
Check Valve	1
Platform Size	800 x 1.200 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 350 kg  
Working Pressure: 60 Bar  
Opening-Closing Time: 7-8s  
Platform Working Angle: 90°  
Power Source: 12-volt / 24-volt DC  
Platform Type: Aluminum  
1 Unit Cylinder  
1 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Remote Control  
Warning Lamp  
Alarm  
Emergency Button



# DLP 7004 / 350 KG



Single arm wheelchair lift can be used for buses and mini-buses. It is possible to mount lift from the side door or back door of the vehicle. Lifting lowering and roll stop works automatically. Sliding platform enters nested. It is swivel table and opening-closing works manually. With manual discharge of check valve lift can be lowering easily. It has working lamp, working alarm, emergency button and required check valves.

Lift Type	Single Arm Sliding and Folding Wheelchair Lift
Lift Capacity	350 kg
Power Source	Battery of Vehicle 12-volt or 24-volt DC
Power Unit	Hydraulic Powerpack
Chassis Profile	Mounted on the floor of the vehicle
Platform Type	Aluminum or steel
Platform Size	1.260 x 800 mm
Paint Type	Oven Static Paint



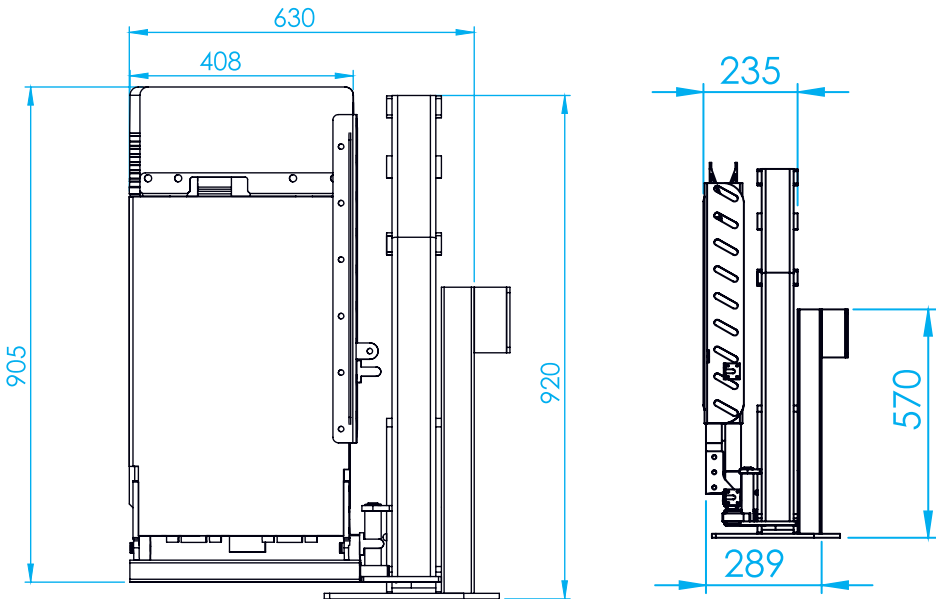
# SINGLE ARM SLIDING AND FOLDING WHEELCHAIR LIFT

**Code:** DLP 7004 / 350 KG

Lift Arm Length	920 mm
Max. Lifting	700 mm
Max. Lowering	700 mm
Chassis Width	320 x 515 mm
Chassis Length	920 mm
Total Weight	110 kg
Cylinder	1 Cylinder
Check Valve	1
Platform Size	800 x 1.200 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 350 kg  
Working Pressure: 60 Bar  
Opening-Closing Time: 7-8s  
Platform Working Angle: +90°  
Power Source: 12-volt / 24-volt DC  
Platform Type: Aluminum or Steel  
1 Unit Cylinder  
1 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Remote Control  
Warning Lamp  
Alarm  
Emergency Button



# DLP 7005 / 350-400 KG



Double arm wheelchair lift can be used for buses and mini-buses. It is mounting from the back door of the vehicle. Lifting-lowering, opening-closing and roll stop works automatically. Platform opening-closing works automatically. With manual discharge of check valve lift can be lowering easily. It has working lamp, working alarm, emergency button and required check valves.

<b>Lift Type</b>	Double Arm Automatic Wheelchair Lift
<b>Lift Capacity</b>	350 kg
<b>Power Source</b>	Battery of Vehicle 12-volt or 24-volt DC
<b>Power Unit</b>	Hydraulic Powerpack
<b>Chassis Profile</b>	Mounted on the floor of the vehicle
<b>Platform Type</b>	Aluminum or steel
<b>Platform Size</b>	1.260 x 800 mm
<b>Paint Type</b>	Oven Static Paint



# DLP 7006 / 350-400 KG



Double arm wheelchair lift can be used for buses and mini-buses. It is mounting from the back door of the vehicle. Lifting- lowering, opening-closing and roll stop works automatically. Platform folding works manual. With manual discharge of check valve lift can be lowering easily. It has working lamp, working alarm, emergency button and required check valves.

<b>Lift Type</b>	Double Arm Folding Platform Wheelchair Lift
<b>Lift Capacity</b>	350 kg
<b>Power Source</b>	Battery of Vehicle 12-volt or 24-volt DC
<b>Power Unit</b>	Hydraulic Powerpack
<b>Chassis Profile</b>	Mounted on the floor of the vehicle
<b>Platform Type</b>	Aluminum or steel
<b>Platform Size</b>	1.260 x 800 mm
<b>Paint Type</b>	Oven Static Paint

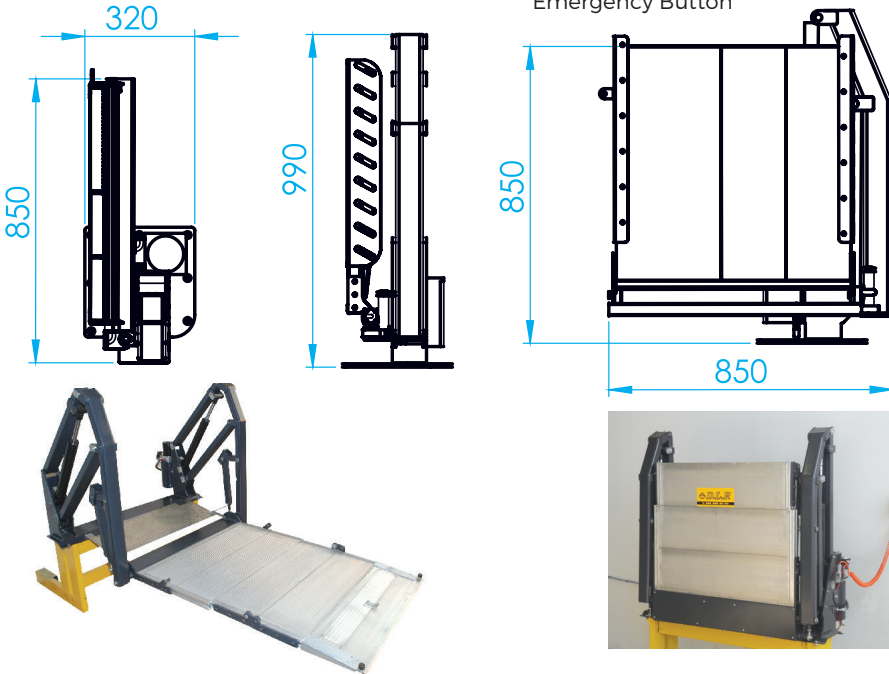
# DOUBLE ARM FOLDING PLATFORM WHEELCHAIR LIFT

**Code:** DLP 7006 / 350-400 KG

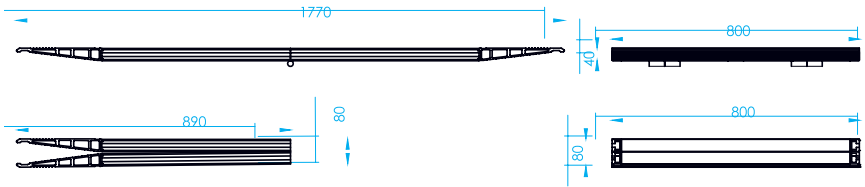
Lift Arm Length	990 mm
Max. Lifting	750 x 850 mm
Max. Lowering	700 mm
Chassis Width	335 mm
Chassis Length	850 mm
Total Weight	130 kg
Cylinder	2 Cylinder
Check Valve	2
Platform Size	800 x 1.200 mm

## TECHNICAL SPECIFICATIONS

Lifting Capacity: 350 -400 kg  
Working Pressure: 60 Bar  
Opening-Closing Time: 7-8 s  
Platform Working Angle: 90°  
Power Source: 12-volt 24-volt DC  
Platform Type: Aluminum or Steel  
2 Unit Cylinder  
2 Unit Check Valve  
Hydraulic Powerpack  
Hand Control Unit  
Remote Control  
Warning Lamp  
Alarm  
Emergency Button



# DLP 7007 / 350-400 KG



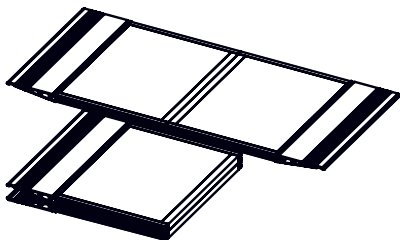
## WHEELCHAIR RAMP

Aluminum wheelchair ramp is your economic solution partner. Foldable, light weight, practice and does not take the place inside of the vehicle.

Lift Type	Wheelchair Ramp
Lift Capacity	350 - 400 kg
Platform Type	Aluminum
Platform Size	800 x 1.770 mm



**DLP 7008 / 350-400 KG**

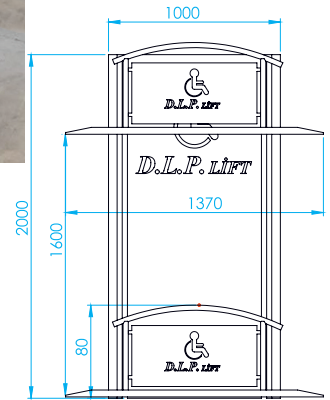


## WHEELCHAIR RAMP

It's made for low base buses. Aluminum wheelchair ramp is your economic solution partner. Foldable, light weight, practice and does not take the place inside of the vehicle.

Lift Type	Wheelchair Ramp for Low Base Buses
Lift Capacity	350 - 400 kg
Platform Type	Aluminum
Platform Size	800 x 1.770 mm
Paint Type	Oven Static Paint

# DLP 7009



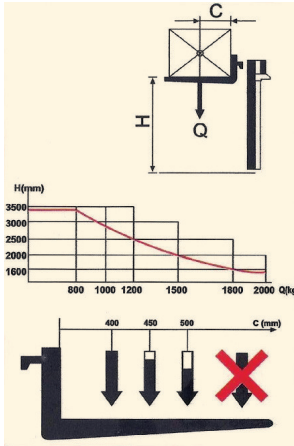
## WHEELCHAIR ELEVATOR LIFT

It's designed for Professional solutions to entrance of the buildings, for stairs and for similar cases. Elevator can produce 380 Volt AC, 220 Volt AC and 24 Volt DC.

Lift Type	Wheelchair Elevator Lift
Lift Capacity	500 kg
Power Source	220 Volt, 380 Volt AC - 24 Volt DC
Power Unit	Hydraulic Powerpack
Platform Size	1.000 x 1.370 x 800 mm

# DLP 9001

## TRANSPORT AND STACKING LIFT



### TECHNICAL SPECIFICATIONS

Power Unit: Hydraulic

Capacity: 1500 kg

Max. Lifting Height: 1550 mm

Loading Center: 550 mm

Working Voltage: 12 - 24 V



# DLP 9002



## SCISSOR LIFT

### TECHNICAL SPECIFICATIONS

Height When Closed: 35 cm

Lifting Height: 90 cm

Power Unit: Hydraulic

Powerpack Type: Single Act

Capacity: 1000 kg

Working Voltage: 12 - 24 Volt DC, 220 - 380 AC

6 meter height

3 scissor lift platforms



# DLP 9003



## SCISSOR LIFT

### TECHNICAL SPECIFICATIONS

Height When Closed: 35 cm

Lifting Height 90 cm

Power Unit: Hydraulic

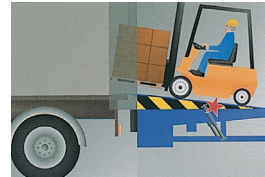
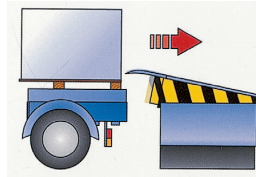
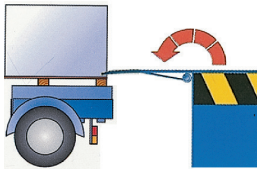
Powerpack Type Single Act

Capacity: 1000 kg

Working Voltage: 12 - 24 Volt DC, 220 380 AC

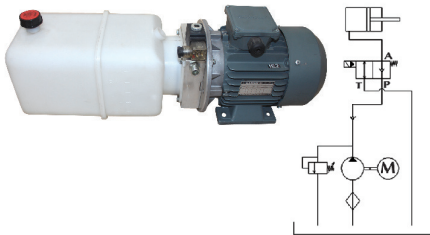


# DLP 9004



## WAREHOUSE LOADING RAMP

CODE: H1-0116



<b>TYPE</b>	: SINGLE ACT
<b>VOLT</b>	: 12 - 24 V DC - 220 - 380 V AC
<b>POWER</b>	: 2.2 KW
<b>PRESSURE</b>	: 160 Bar (Max.)
<b>LITRE</b>	: 8 lt
<b>PUMP</b>	: 1.8 cc
<b>DIRECTION</b>	: RIGHT
<b>SIZE</b>	: 49 x 19,5 x 19,5 cm

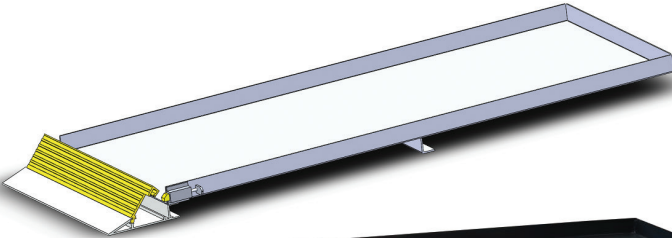
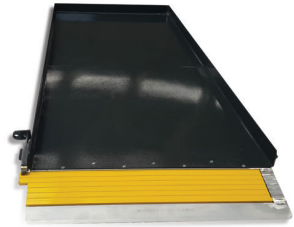
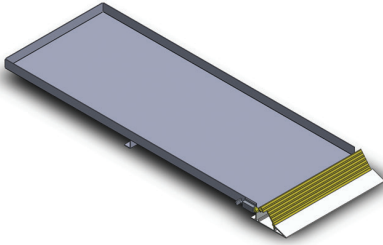
### Platform Size

2.500 x 3.000 mm

2.600 x 3.300 mm

Can be produced according to your demand.

# TRANSPALLET PLATFORM





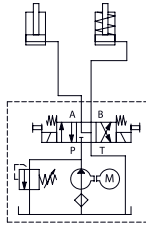
**POWERPACKS**

**DC MOTORS**

**SPARE PARTS**

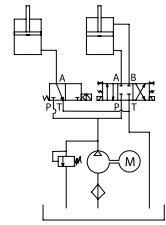
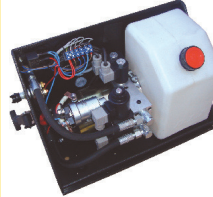
# POWERPACK

CODE: H1-0100 FULL UNIT



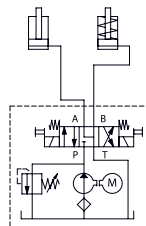
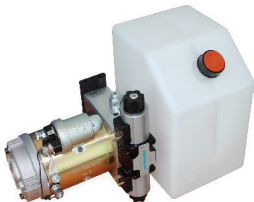
**TYPE** : DLP TYPE  
SINGLE ACT-DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 2,5 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 6 lt  
**PUMP** : 1,8 cc - 2,2 cc  
**DIRECTION** : RIGHT  
**SIZE** : 45 x 23 x 28,5 cm

CODE: H1-0101 FULL UNIT MLS



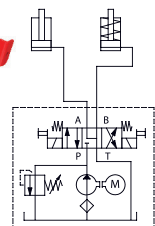
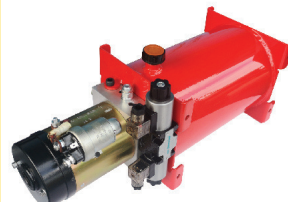
**TYPE** : SINGLE AND DOUBLE ACT  
THREE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 2,5 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 6 lt  
**PUMP** : 1,8 cc - 2,2 cc  
**DIRECTION** : RIGHT  
**SIZE** : 45 x 23 x 28,5 cm

CODE: H1-0102



**TYPE** : SINGLE ACT-DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 2,5 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 6 lt  
**PUMP** : 1,8 cc - 2,2 cc  
**DIRECTION** : RIGHT  
**SIZE** : 42 x 27 x 20 cm

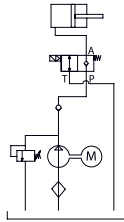
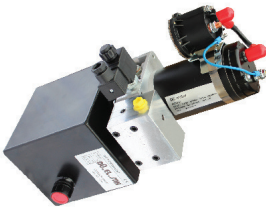
CODE: H1-0103



**TYPE** : SINGLE ACT-DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 3 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 10-15 lt  
**PUMP** : 1,8 cc - 2,2 cc  
**DIRECTION** : RIGHT  
**SIZE** : 40 X 21,5 X 29 cm

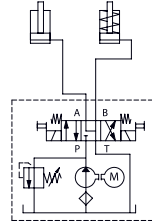
# POWERPACK

CODE: H1-0104



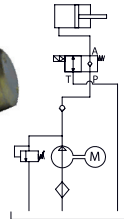
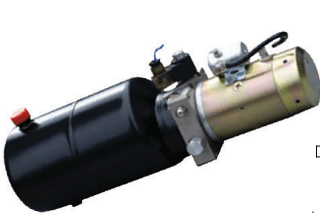
**TYPE** : MINI TYPE  
**VOLT** : 12 - 24 V  
**POWER** : 0,5 KW  
**PRESSURE** : 100 Bar (Max.)  
**LITRE** : 3 lt  
**PUMP** : 0,50 cc  
**DIRECTION** : RIGHT  
**SIZE** : 35 X 12,5 X 20 cm

CODE: H1-0105 WITH FAN



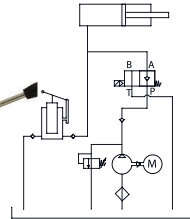
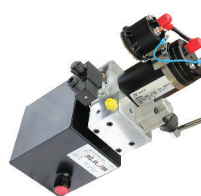
**TYPE** : SINGLE ACT-DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 4,5 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : WITHOUT TANK  
**PUMP** : 3,5 cc  
**DIRECTION** : RIGHT  
**SIZE** : 40 x 15,5 x 15,5 cm

CODE: H1-0106



**TYPE** : SINGLE ACT  
**VOLT** : 12 - 24 V  
**POWER** : 2,2 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 8 lt  
**PUMP** : 1,8 cc - 2,2 cc  
**DIRECTION** : RIGHT  
**SIZE** : 49 x 19,5 x 19,5 cm

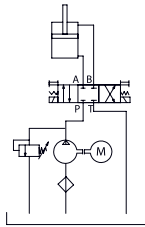
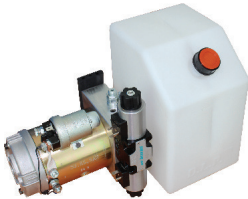
CODE: H1-0107



**TYPE** : MINI TYPE - WITH HAND PUMP  
**VOLT** : 12 - 24 V  
**POWER** : 0,75 KW  
**PRESSURE** : 100 Bar (Max.)  
**LITRE** : 3 lt  
**PUMP** : 0,50 cc  
**DIRECTION** : RIGHT  
**SIZE** : 42 x 20 x 15 cm

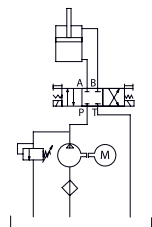
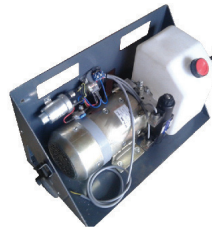
# POWERPACK

## CODE: H1-0108 FULL UNIT



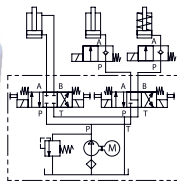
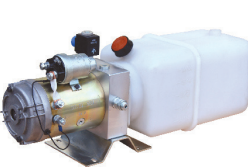
<b>TYPE</b>	: DOUBLE ACT-DOUBLE OUTPUT
<b>VOLT</b>	: 12 - 24 V
<b>POWER</b>	: 2,2 KW
<b>PRESSURE</b>	: 250 Bar (Max.)
<b>LITRE</b>	: 6 lt
<b>PUMP</b>	: 1,8 cc - 2,2 cc
<b>DIRECTION</b>	: RIGHT
<b>SIZE</b>	: 45 x 23 x 28,5 cm

## CODE: H1-0109 WITH FAN



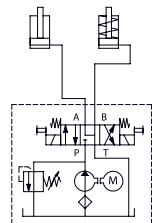
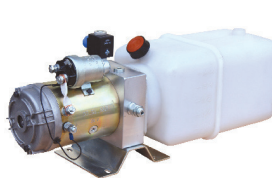
<b>TYPE</b>	: LOWBED TPE -DOUBLE ACT
<b>VOLT</b>	: 12 - 24 V
<b>POWER</b>	: 4,5 KW
<b>PRESSURE</b>	: 250 Bar (Max.)
<b>LITRE</b>	: 6 lt
<b>PUMP</b>	: 3,5 cc
<b>DIRECTION</b>	: RIGHT
<b>SIZE</b>	: 52 x 30 x 30 cm

## CODE: H1-0110 - H1-0111



<b>TYPE</b>	: SINGLE AND DOUBLE OUTPUT
<b>VOLT</b>	: 12 - 24 V
<b>POWER</b>	: 2,2 KW
<b>PRESSURE</b>	: 250 Bar (Max.)
<b>LITRE</b>	: 6 lt
<b>PUMP</b>	: 1,8 cc - 2,2 cc
<b>DIRECTION</b>	: RIGHT
<b>SIZE</b>	: 50 x 25 x 18 cm

## CODE: H1-0112



<b>TYPE</b>	: SINGLE ACT-DOUBLE OUTPUT
<b>VOLT</b>	: 12 - 24 V
<b>POWER</b>	: 2,2 KW
<b>PRESSURE</b>	: 250 Bar (Max.)
<b>LITRE</b>	: 8 lt
<b>PUMP</b>	: 1,8 cc - 2,2 cc
<b>DIRECTION</b>	: RIGHT
<b>SIZE</b>	: 56 x 25 x 18 cm

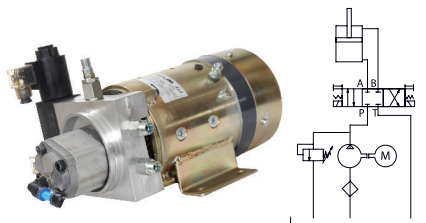
# POWERPACK

CODE: H1-0113



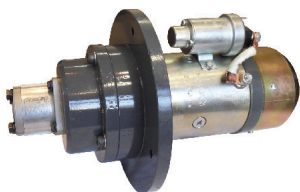
**TYPE** : UNIVERSAL TYPE  
**VOLT** : 12 - 24 V  
**POWER** : 2,2 KW  
**PRESSURE** : 170 Bar (Max.)  
**LITRE** : 10 - 15 lt  
**PUMP** : 2,2 cc  
**DIRECTION** : RIGHT - LEFT  
**SIZE** : 60 x 24 x 24 cm

CODE: H1-0114 WITH FAN



**TYPE** : DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 4,5 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : WITHOUT TANK  
**PUMP** : 3,5 cc  
**DIRECTION** : RIGHT  
**SIZE** : 40 x 17 x 17 cm

CODE: H1-0115 WITH FAN



**TYPE** : TOWER ROTATION  
**VOLT** : 12 - 24 V  
**POWER** : 1,5 KW  
**PRESSURE** : 170 Bar (Max.)  
**LITRE** : WITHOUT TANK  
**PUMP** : 1,0 cc  
**DIRECTION** : RIGHT  
**SIZE** : 12 x 38 x 20 cm

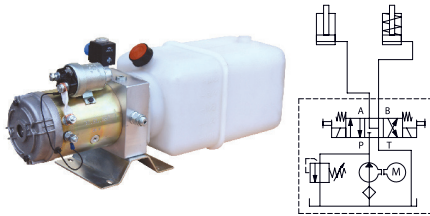
CODE: H1-0116



**TYPE** : SINGLE ACT  
**VOLT** : 12 - 24 V DC - 220 - 380 V AC  
**POWER** : 2,2 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 8 lt  
**PUMP** : 1,8 cc  
**DIRECTION** : RIGHT  
**SIZE** : 49 x 19,5 x 19,5 cm

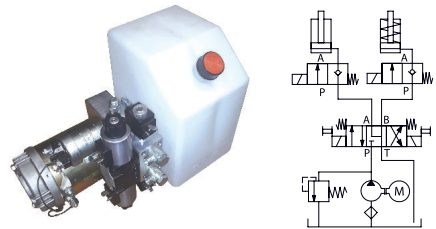
# POWERPACK

CODE: H1-0117 WITH FAN



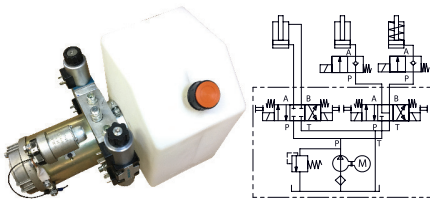
**TYPE** : SINGLE ACT-DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 2,2 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 8 lt  
**PUMP** : 2 cc  
**DIRECTION** : RIGHT  
**SIZE** : 56 x 25 x 18 cm

CODE: H1-0118



**TYPE** : SINGLE ACT-DOUBLE OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 2,2 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 6 lt  
**PUMP** : 3,5 cc  
**DIRECTION** : RIGHT  
**SIZE** : 40 x 15,5 x 15,5 cm

CODE: H1-0119



**TYPE** : DOUBLE ACT - 4 OUTPUT  
**VOLT** : 12 - 24 V  
**POWER** : 2,2 KW  
**PRESSURE** : 250 Bar (Max.)  
**LITRE** : 6 lt  
**PUMP** : 3,5 cc  
**DIRECTION** : RIGHT  
**SIZE** : 40 x 15,5 x 15,5 cm



# DC MOTOR

CODE : 020-0001 (12 VOLT)  
CODE : 020-0002 (24 VOLT)



## DC MOTOR

MODEL : DLP NEW MODEL  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : MALE  
SIZE : 115 x 190 mm

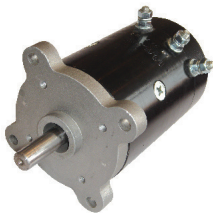
CODE : 020-0003 (12 VOLT)  
CODE : 020-0004 (24 VOLT)



## DC MOTOR

MODEL : ISKRA-PALFINGER  
ANTEO-BOSCH TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGTH OR LEFT WAY (CW)  
SHAFT TYPE : MALE  
SIZE : 115 x 190 mm

CODE : 020-0007 (12 VOLT)  
CODE : 020-0008 (24 VOLT)



## DC MOTOR

MODEL : MARIN TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - LEFT DOUBLE WAY  
SHAFT TYPE : WEDGE  
SIZE : 115 x 190 x 122 mm

CODE : 020-0009 (12 VOLT)  
CODE : 020-00010 (24 VOLT)



## DC MOTOR

MODEL : MARIN ITALIAN TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - LEFT DOUBLE WAY  
SHAFT TYPE : WEDGE  
SIZE : 115 x 190 x 144 mm

# DC MOTOR

CODE : 020-0011 (12 VOLT)

CODE : 020-0012 (24 VOLT)



## DC MOTOR

MODEL : MARIN ITALIAN TYPE  
 VOLT : 12 - 24 V  
 POWER : 2.5 KW - 3.0 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : RIGHT - LEFT DOUBLE WAY  
 SHAFTTYPE : WEDGE  
 SIZE : 120 x 190 x 144 mm

CODE : 020-0013 (12 VOLT)

CODE : 020-00014 (24 VOLT)



## DC MOTOR

MODEL : ISKRA-MLS-DHOLLANDIA TYPE  
 VOLT : 12 - 24 V  
 POWER : 1.8 KW - 2.2 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : RIGHT - ONE WAY (CW)  
 SHAFTTYPE : FEMALE  
 SIZE : 115 x 190 mm

CODE : 020-0015 (12 VOLT)

CODE : 020-0016 (24 VOLT)



## DC MOTOR

MODEL : DLP OLD MODEL  
 VOLT : 12 - 24 V  
 POWER : 2.5 KW - 3.0 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : RIGHT - ONE WAY (CW)  
 SHAFTTYPE : MALE  
 SIZE : 120 x 190 mm

CODE : 020-0017 (12 VOLT)

CODE : 020-0018 (24 VOLT)



## DC MOTOR

MODEL : MINI UNIVERSAL TYPE  
 VOLT : 12 - 24 V  
 POWER : 0.5 KW  
 REV : 2500 d/d  
 DIRECTION : RIGHT - ONE WAY (CW)  
 SHAFTTYPE : WEDGE  
 SIZE : 81 x 160 x 80 mm

# DC MOTOR

CODE : 020-0019 (12 VOLT)  
CODE : 020-0020 (24 VOLT)



## DC MOTOR WITH FAN

MODEL : POWERPACK TYPE  
VOLT : 12 - 24 V  
POWER : 3.5 KW - 4.5 KW  
REV : 6000 - 2500 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : POWERPACK  
SIZE : 150 x 260 mm

CODE : 020-0021 (12 VOLT)  
CODE : 020-0022 (24 VOLT)



## DC MOTOR WITH FAN

MODEL : BOSCH TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : MALE  
SIZE : 115 x 210 mm

CODE : 020-0023 (12 VOLT)  
CODE : 020-0024 (24 VOLT)



## DC MOTOR

MODEL : BOSCH TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - LEFT DOUBLE WAY  
SHAFT TYPE : FEMALE  
SIZE : 115 x 190 mm

CODE : 020-0025 (12 VOLT)  
CODE : 020-0026 (24 VOLT)



## DC MOTOR

MODEL : ISKRA-ANTEO  
PALFINGER TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : MALE  
SIZE : 115 x 190 mm

# DC MOTOR

CODE : 020-0027 (12 VOLT)  
CODE : 020-0028 (24 VOLT)



## DC MOTOR

MODEL : ZEPRO TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFTTYPE : FREZE  
SIZE : 115 x 190 mm

CODE : 020-0029 (12 VOLT)  
CODE : 020-0030 (24 VOLT)



## DC MOTOR

MODEL : QUICK TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - LEFT DOUBLE WAY  
SHAFTTYPE : WEDGE  
SIZE : 115 x 190 mm

CODE : 020-0031 (12 VOLT)  
CODE : 020-0032 (24 VOLT)



## DC MOTOR

MODEL : ISKRA-MLS-DHOLLANDIA TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFTTYPE : FEMALE  
SIZE : 115 x 190 mm

CODE : 020-0033 (24 VOLT)



## DC MOTOR WITH FAN

MODEL : QUICK TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - LEFT DOUBLE WAY  
SHAFTTYPE : WEDGE  
SIZE : 115 x 190 mm

# DC MOTOR

CODE : 020-0034 (24 VOLT)



## DC MOTOR

MODEL : Military Type  
VOLT : 12 - 24 V  
POWER : 1.8 KW - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : FEMALE  
SIZE : 115 x 190 mm

CODE : 020-0035 (12 VOLT)

CODE : 020-0036 (24 VOLT)



## DC MOTOR

MODEL : PASARELLA TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : MALE SHORT SHAFT  
SIZE : 115 x 190 mm

CODE : 020-0037 (12 VOLT)

CODE : 020-0038 (24 VOLT)

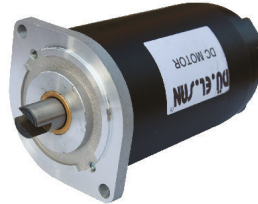


## DC MOTOR

MODEL : PASARELLA TYPE  
VOLT : 12 - 24 V  
POWER : 1.8 - 2.2 KW  
REV : 3500 - 2000 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : MALE LONG SHAFT  
SIZE : 115 x 190 mm

CODE : 020-0039 (12 VOLT)

CODE : 020-0040 (24 VOLT)



## DC MOTOR

MODEL : BOSCH TYPE  
VOLT : 12 V - 24 V  
POWER : 0.8 KW  
REV : 1500 d/d  
DIRECTION : RIGHT - ONE WAY (CW)  
SHAFT TYPE : FEMALE  
SIZE : 170 X 70 mm

## DC MOTOR

CODE : 020-0041 (12 VOLT)

CODE : 020-0042 (24 VOLT)



### DC MOTOR

MODEL : REXROTH-BOSCH-ATK TYPE  
 VOLT : 12 - 24 V  
 POWER : 1.8 KW - 2.2 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : LEFT - ONE WAY (CCW)  
 SHAFT TYPE : FEMALE  
 SIZE : 115 x 190 mm

CODE : 020-0043 (12 VOLT)

CODE : 020-0044 (24 VOLT)



### DC MOTOR

MODEL : REXROTH-BOSCH-ATK TYPE  
 VOLT : 12 - 24 V  
 POWER : 1.8 KW - 2.2 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : LEFT - ONE WAY (CCW)  
 SHAFT TYPE : MALE  
 SIZE : 115 x 190 mm

CODE : 020-0045 (12 VOLT)

CODE : 020-0046 (24 VOLT)



### DC MOTOR

MODEL : ISKRA-DHOLLANDIA TYPE  
 VOLT : 12 - 24 V  
 POWER : 1.8 KW - 2.2 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : LEFT OR RIGHT ONE WAY  
 SHAFT TYPE : FEMALE  
 SIZE : 115 x 190 mm

CODE : 020-0047 (12 VOLT)



### DC MOTOR

MODEL : PALFINGER TYPE  
 VOLT : 12 - 24 V  
 POWER : 1.8 KW - 2.2 KW  
 REV : 3500 - 2000 d/d  
 DIRECTION : LEFT - ONE WAY (CCW)  
 SHAFT TYPE : FEMALE  
 SIZE : 115 x 190 mm



# DC MOTOR

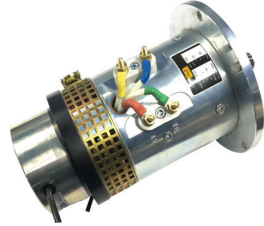
CODE : 020-0048 (24 VOLT)



## DC MOTOR

**MODEL** : PALFINGER TYPE  
**VOLT** : 12 - 24 V  
**POWER** : 1.8 KW - 2.2 KW  
**REV** : 3500 - 2000 d/d  
**DIRECTION** : LEFT - ONE WAY (CCW)  
**SHAFT TYPE** : FEMALE  
**SIZE** : 115 x 190 mm

CODE : 020-0050



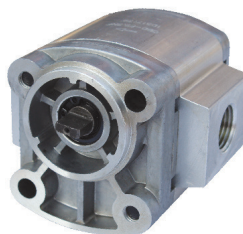
## DC MOTOR WITH MAGNETIC BRAKE

**MODEL** : FORKLIFT - TRANSPALLET TYPE  
**VOLT** : 24 V  
**POWER** : 1 KW  
**REV** : 2.600 d/d  
**DIRECTION** : DOUBLE WAY  
**SHAFT TYPE** :  
**SIZE** : 230x180x280 mm

## SPARE PARTS



H2-0201 / PUMP 1,8 CC - 2,2 CC



H2-020-2.5 / PUMP 2,5 CC SIDE OUT



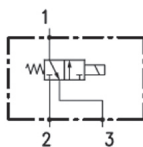
H2-020-0.75 / PUMP 0,75 CC



H2-020-EP / HAND PUMP UNF 3/4



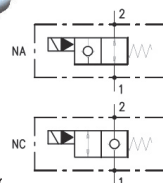
Max. Flow: 12 L/m  
Max. Working Pressure: 50 bar



H2-0202 POPET VALVE 3/2



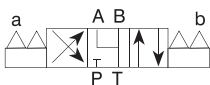
Max. Flow: 40 L/m  
Max. Working Pressure: 350 bar



H2-0203 POPET VALVE 2/2 / NORMALLY CLOSED



Max. Flow: 30-60 L/m  
Max. Working Pressure.: 315 bar

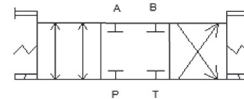


H2-0206-B

**NG-6 DOUBLE WAY VALVE / NORMALLY OPEN**



Max. Flow: 30-60 L/m  
Max. Working Pressure.: 315 bar

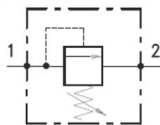


H2-0206-A

**NG-6 DOUBLE WAY VALVE / NORMALLY CLOSED**



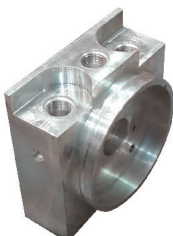
Max. Flow: 10 L/m  
Max. Working Pressure: 350 bar



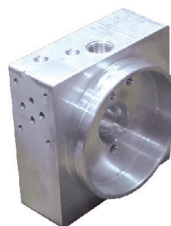
**H2-0204 PRESSURE RELIEF VALVE 250 BAR**



**H2-0205 SPEED RELIEF VALVE**



**H2-0207 VALVE MANIFOLD (OLD)**



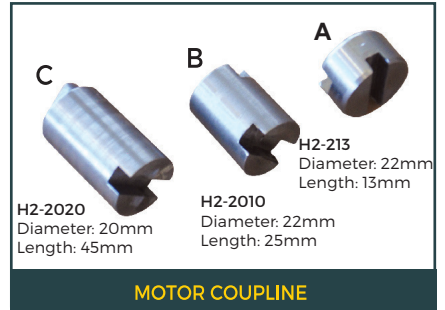
**H2-0207-07 VALVE MANIFOLD (NEW)**



**H2-0208 CHECK VALVE MANIFOLD (OLD)**



**H2-0208-Y CHECK VALVE MANIFOLD (NEW)**





FILTER



H2-0211 TANK CLAMP

E6-0604



SOLENOID 12 VOLT

E6-0605



SOLENOID 24 VOLT

E6-0606



JOYSTICK 4 WAY

E6-0607



JOYSTICK 2 WAY

E6-0608



SWITCH (EMERGENCY BUTTON)

E6-0609



2 BUTTON HAND CONTROL UNIT

E6-0610



3 BUTTON HAND CONTROL UNIT

E6-0611



4 BUTTON HAND CONTROL UNIT

EL.06-120



REMOTE CONTROL SET

EL.06-120/EK



REMOTE CONTROL HAND UNIT

E6-0613



2 BUTTON HAND CONTROL UNIT SET

E6-0615



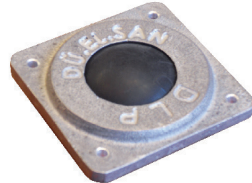
3 BUTTON HAND CONTROL UNIT SET

E6-0612



SPIRAL CABLE

E6-0614



FOOT CONTROL



E6-0615



WARNING LAMP (CABLE)

E6-0615-15



WARNING LAMP (CORDLESS)

PA-0501



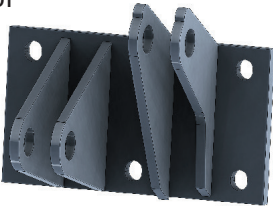
ALUMINUM PLATFORM

PC-0502



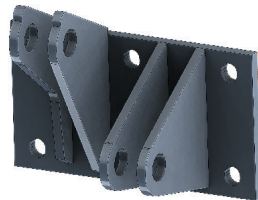
STELL PLATFORM

P4-0401



PLATFORM FLUSH (RIGHT)

P4-0402



PALTFORM FLUSH (LEFT)

P4-0403



LIFT ARM (BIG)

P4-0404



LIFT ARM (SMALL)

P4-0405

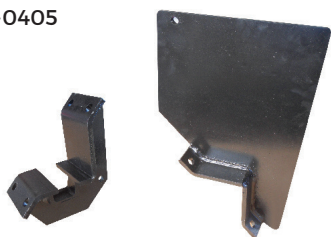


PLATE AND BRACKET

P4-0320



FITTING BRACKET (NEW)

H2-0215



Opening Length: 40 cm  
Closed: 62 cm Open: 102 cm

LIFTING CYLINDER LONG ARM

H2-0216



Opening Length: 24 cm  
Closed: 90 cm Open: 114 cm

TILT CYLINDER LONG ARM

H2-0217



Opening Length: 30 cm  
Closed: 52 cm Open: 82 cm

LIFTING CYLINDER SHORT ARM

H2-0218



Opening Length: 24 cm  
Closed: 77 cm Open: 101 cm

TILT CYLINDER SHORT ARM

H2-0360



Closed: 36,5 cm Open: 55,8 cm

LIFTING CYLINDER 1.000 kg

H2-0370



Closed: 47,2 cm Open: 70 cm

TILT CYLINDER 1.000 kg

H2-0340



Opening Length: 19,7 cm  
Closed: 34,3 cm Open: 54 cm

**LIFTING CYLINDER 750 kg**

H2-0350



Opening Length: 33,3 cm  
Closed: 44,1 cm Open: 77,4 cm

**TILT CYLINDER 750 kg**

H2-0380



Diameter: 60 mm  
Shaft Length: 491 mm

**LIFTING SHAFT LONG ARM**

H2-0390



Diameter: 50 mm  
Shaft Length: 585 mm

**TILT SHAFT LONG ARM**

H2-0400



Diameter: 60 mm  
Shaft Length: 387 mm

**LIFTING SHAFT SHORT ARM**

H2-0410



Diameter: 40 mm  
Shaft Length: 585 mm

**TILT SHAFT SHORT ARM**

H2-0420



Diameter: 50 mm  
Shaft Length: 387 mm

**LIFTING SHAFT 1.000 kg**

H2-0430



Diameter: 40 mm  
Shaft Length: 585 mm

**TILT SHAFT 1.000 kg**

H2-0440



Diameter: 30 mm  
Shaft Length: 280 mm

LIFTING SHAFT 750 kg

H2-0450



Diameter: 30 mm  
Shaft Length: 420 mm

TILT SHAFT 750 kg

H2-0223



HYDRAULIC HOSE 16/1,5 10x75 cm

P4-0224



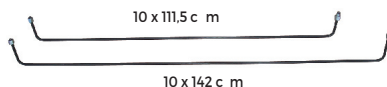
HYDRAULIC HOSE 16/1,5 10x43 cm

P4-0225



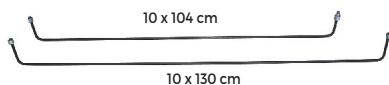
HYDRAULIC HOSE 16/1,5 10x30 cm

P4-0226



STEEL PIPE BIG CHASSIS

H2-0227



STEEL PIPE SMALL CHASSIS

H2-0228



TILT CYLINDER SPRING

P4-0501



**RUBBER BUMPER**

H2-0229



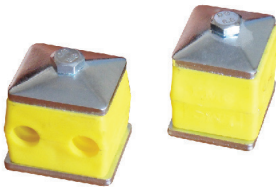
30x34x30 mm

H2-0230



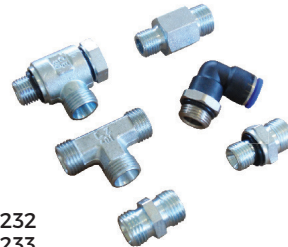
40x44x40 mm

**BEARING**



H2-0231

**STEEL PIPE ELEMENTS**



H2-0232  
H2-0233

**COUPLINGS**



P4-0406

**SWING**



P4-0406-1

**SWING (NEW)**



H2-2200

HYDRAULIC HOSE 16/1,5 10x75 cm



H2-2201

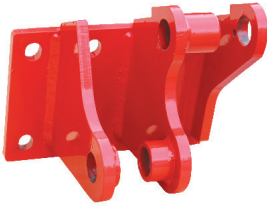
HYDRAULIC HOSE 16/1,5 10x90 cm



Code	Product	ø (mm)	Bearing (mm)	Pressure Seal (mm)	Dust Seal (mm)
H2-0215	Lifting Cylinder	60	60 x 65 x 20	60 x 70 x 10	60 x 70 x 7,5
H2-0360	Lifting Cylinder	50	50 x 55 x 20	50 x 60 x 10	50 x 60 x 7,5
H2-0340	Lifting Cylinder	25		Kompact 50 x 38 x 20,5	25 x 33 x 5
H2-0216	Tilt Cylinder	40		Kompact 70 x 54 x 20,5	70 x 54 x 20,5
H2-0370	Tilt Cylinder	40		Kompact 70 x 54 x 20,5	40 x 48 x 7,5
H2-0350	Tilt Cylinder	25		Kompact 50 x 38 x 20,5	25 x 33 x 5

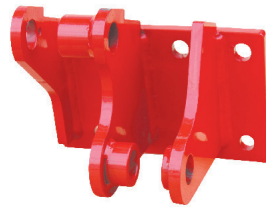


P4-325



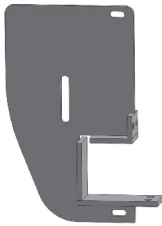
PLATFORM FLUSH (RIGHT) NEW

P4-0330



PLATFORM FLUSH (LEFT) NEW

P4-0320



FITTING BRACKET NEW MODEL C TYPE

P4-0315

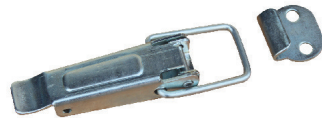


PISTON ADJUSTING NUT



H2-0210 POWER UNIT COVER

H2-0214



LATCH (NEW MODEL)

H2-0214



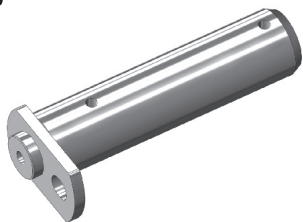
LATCH

H2-0300



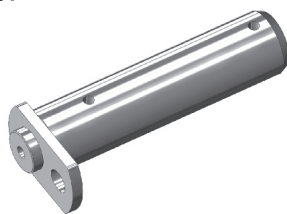
LATCH

**P4-2200**



PIN (30X155)

**P4-2201**



PIN (30X122)

**P4-2202**



PIN (30X109)

**P4-2203**



PIN (30X79)

**P4-2204**



PIN (30X70)

**H2-0209**



OIL TANK (PLASTIC)

**H2-0250**



TANK CAP 1/2

**H2-0234**



TANK CAP



# D.L.P

Tail Lift



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