



The product range of the company includes a large variety of ground support equipment, particularly passenger stairs, maintenance stairs and platforms, container/pallet transfer transporters, luggage transporters, potable water service equipment, lavatory service equipment, equipment for transport of handicapped passengers and other accessories.



We'll gladly manufacture also equipment complying with your individual requirements. Your ideas will be turned into detail technical drawings.

Zodiac Equipment spol. s r.o.  
Masarykova 50  
463 43 Český Dub  
Czech Republic

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The passenger stairs series has a parallelogram staircase attached to a towed chassis made of hollow sections. The height of the platform is adjustable in eight-centimetre intervals. The staircase is lifted by a hydraulic cylinder with an independent hydraulic circuit. The hydraulic pump drive can be powered manually (standard), electrically or with a petrol or diesel engine. The platform is secured in the selected height with mechanical stops which automatically lock in the holes of the telescopic supports. The platform is fitted with a moveable rubber edge allowing tight contact with the fuselage of the airplane and preventing its damage. The sides of the top platform are equipped with sliding rails which are fitted with rubber bumpers in the front. Wheels with steel rims and ball bearings are fitted with solid rubber tyres. The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position. Support legs stabilize the staircase in the operational position. The treads and the platforms are covered with aluminium sheets and a slip-resistant finish. All steel sections of the frame are galvanized and coated with primer and a topcoat (shades according to RAL).



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# ZODIAC

## EQUIPMENT

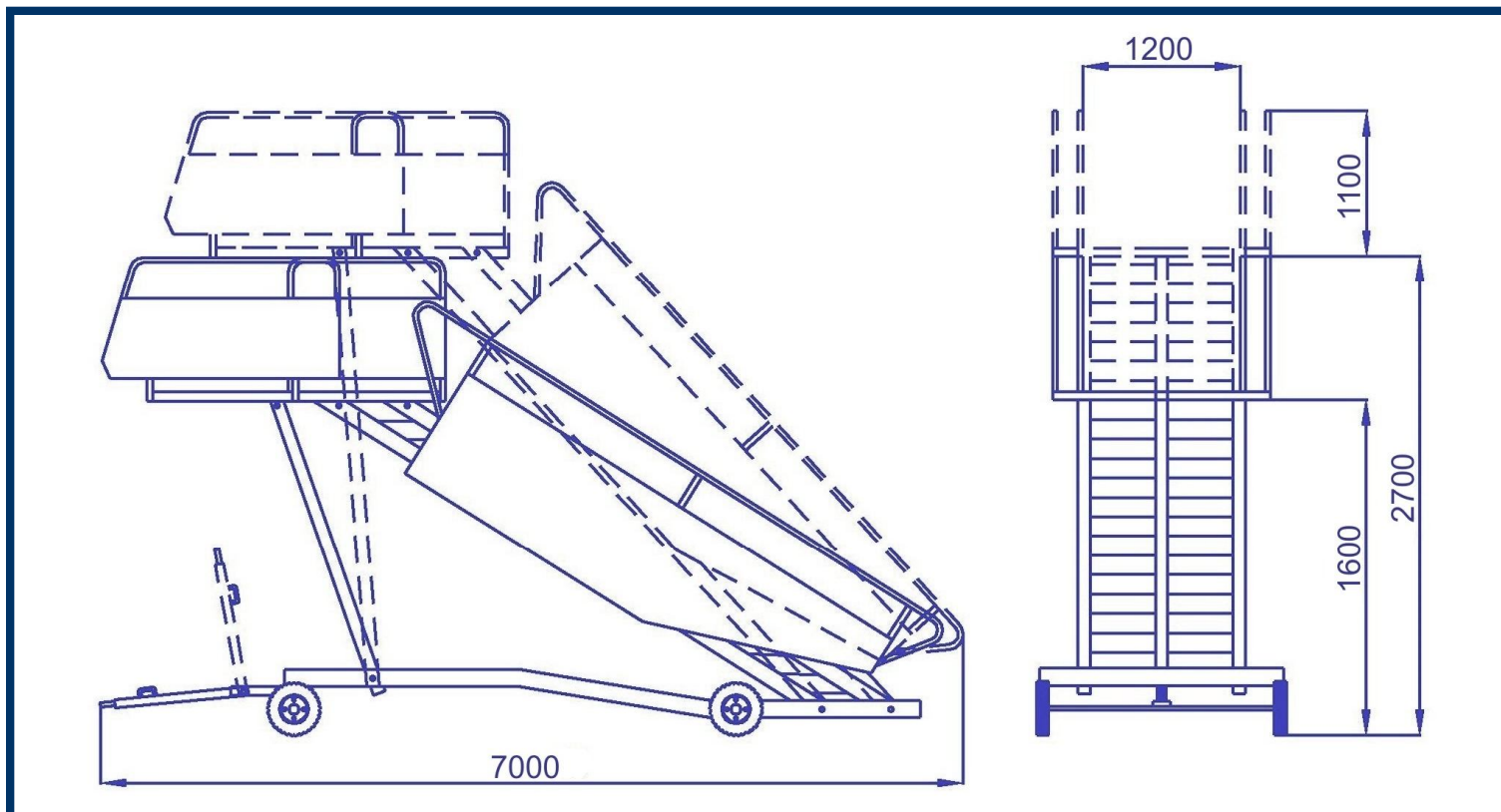
ADJUSTABLE PASSENGER STAIRS  
CDS 1627

Stairs are suitable for servicing all aircrafts with door sill heights from 1,6 up to 2,7 m. Welded construction composed of heavy duty metal parts.

- Handrails made out of mild steel.
- Fully hot-dip galvanized and painted.
- Handrails on upper platform sliding on both sides, 1100 mm high, with protective bumpers on front edges.
- Steps and upper platform covered with aluminium antiskid sheet.
- Manual hydraulic pump for adjusting of height of platform to door-sill height.
- 2 manually operated stabilizers (hydraulically operated stabilizers available, see optional equipment).
- 4 wheels with steel rims and solid rubber superelastic tyres.



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km/h)
1200	1350	200	45	25

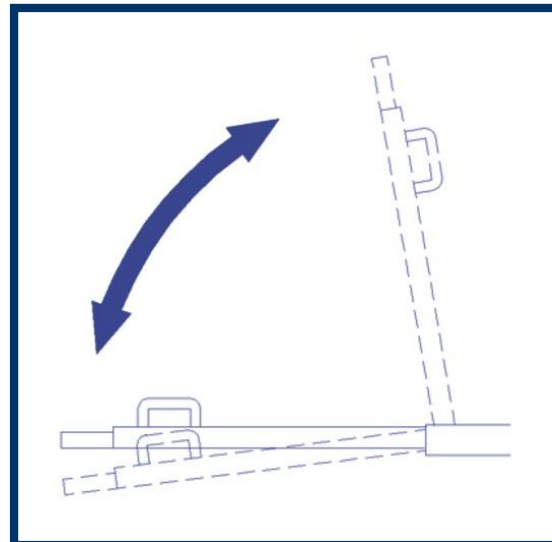


This product meets the EN 12312-1+A1 standard

# ZODIAC EQUIPMENT

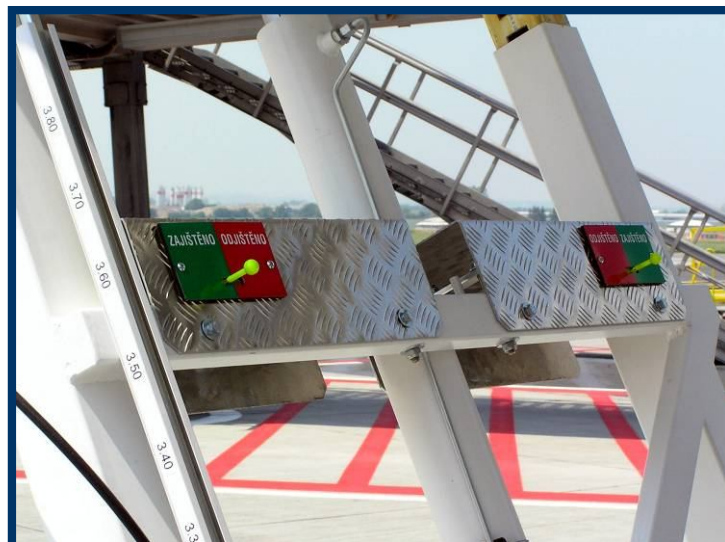
ADJUSTABLE PASSENGER STAIRS  
CDS 1627

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Front part of upper platform flexibly retractable 100 mm, equipped with protective bumper.

The platform is secured in the selected height with mechanical stops which automatically lock in the holes of the telescopic supports.

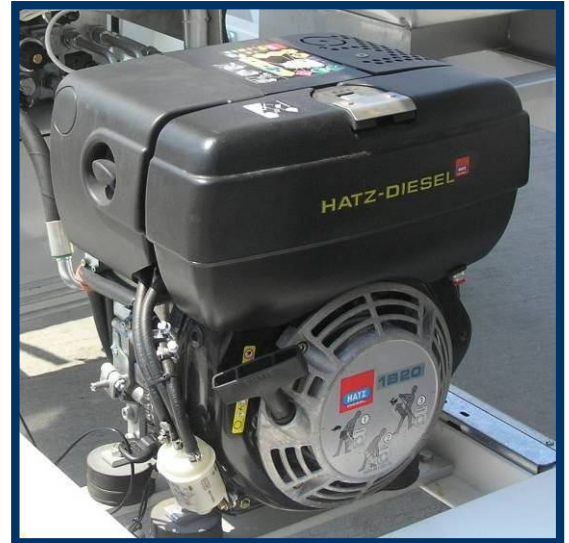


The height of the platform is adjustable in 80 mm intervals.



### Optional equipment

- 4 stabilizers
- Hydraulically operated stabilizers and lifting powered by diesel or petrol engine
- 2 speed pedestrian movement system with both rear wheels permanent drive ( fast 70 m/min, slow speed can be adjusted 15 - 25m/min according to the customer demand)

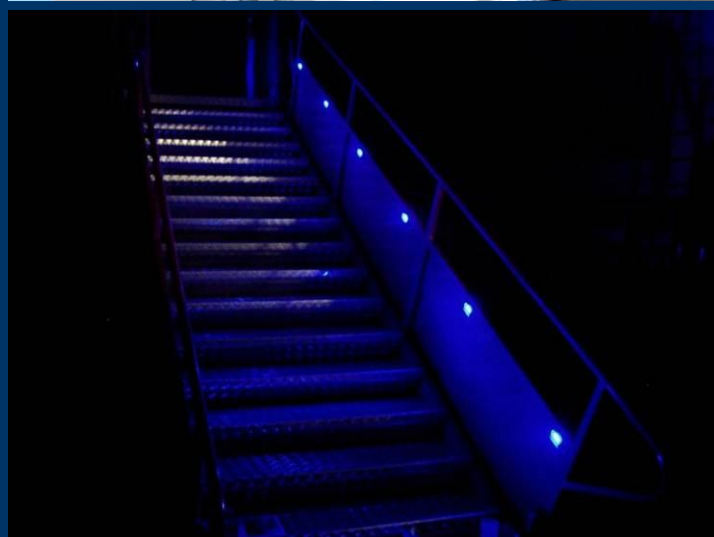




# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 1627

- Textile ribbon self-winding barrier
- Battery charger and socket for 220 V AC
- Search light
- Beacon
- Colour shade to be defined as per RAL colour chart
- Illumination by LED lamps (12 V DC, battery 90 Ah)





### Optional versions

- Fully covered staircase
- Stairs with platform for transport of handicapped passengers
- VIP stairs made according to special customer requirements



### Transport arrangement

3 pieces can be transported on 1 lowdeck megatruck with cargo space 3,0 m high. The truck has to allow side-loading by means of forklift (if only 1 piece is transported, abt. 7 m of truck cargo space length is needed).





# ZODIAC EQUIPMENT

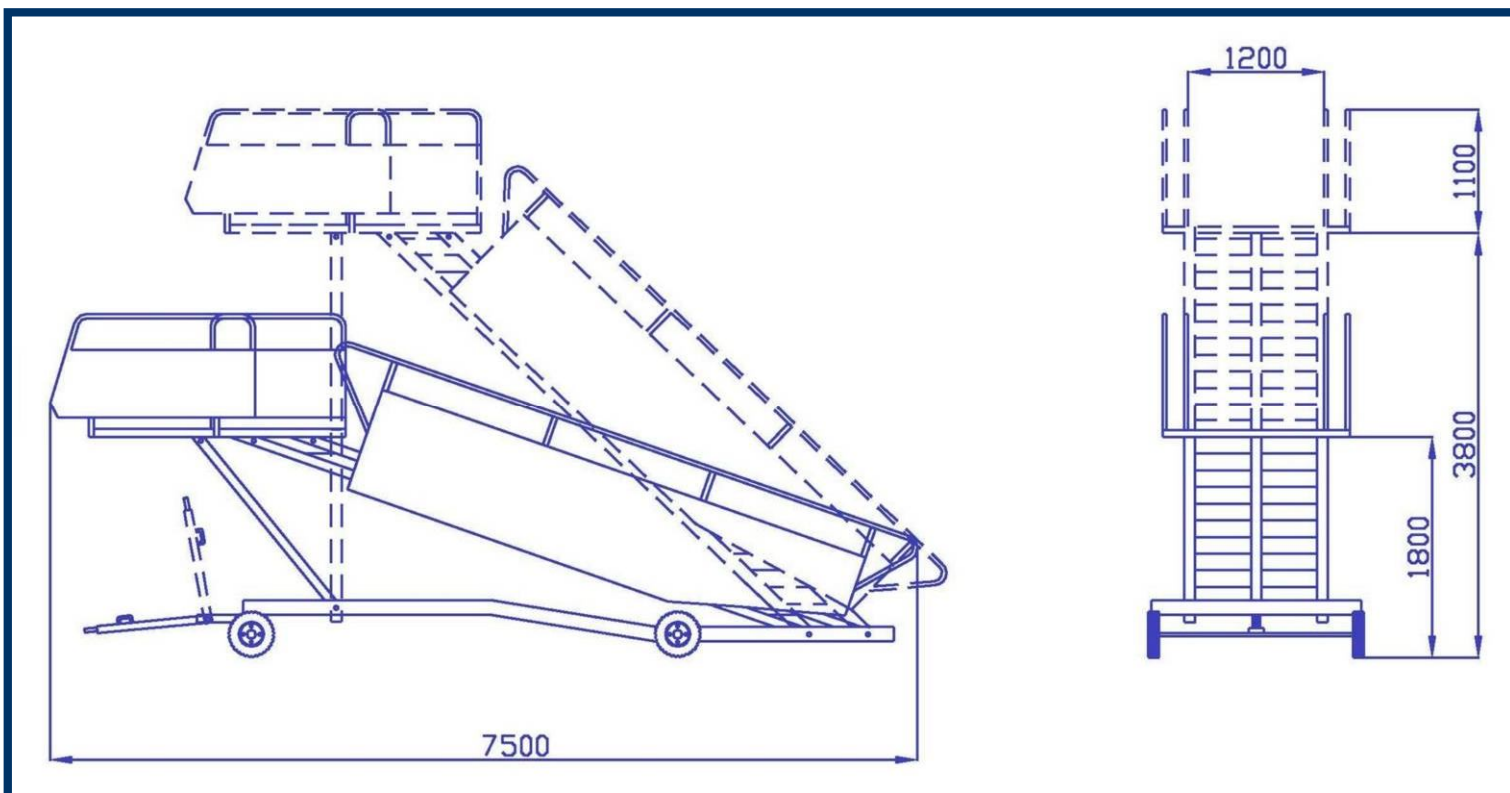
## ADJUSTABLE PASSENGER STAIRS CDS 2438

Stairs are suitable for servicing all aircrafts with door sill heights from 1,8 up to 3,8 m.

- Welded construction composed of heavy duty metal parts.
- Handrails made out of mild steel.
- Fully zinc metallized (as option) and painted.
- Handrails on upper platform sliding on both sides, 1100 mm high, with protective bumpers on front edges.
- Steps and upper platform covered with aluminium antiskid sheet.
- Manual hydraulic pump for adjusting of height of platform to door-sill height.
- 2 manually operated stabilizers (hydraulically operated stabilizers available see optional equipment).
- 4 wheels with steel rims and solid rubber superelastic tyres.



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km)
1200	1980	200	45	25

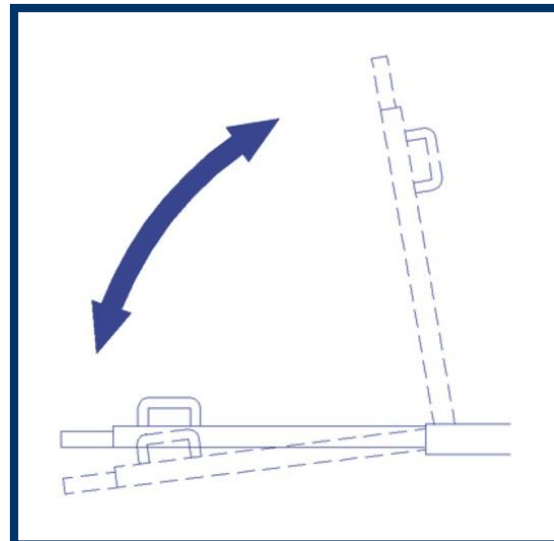


This product meets the EN 12312-1+A1 standard in the height range 2,4 – 3,8meters

# ZODIAC EQUIPMENT

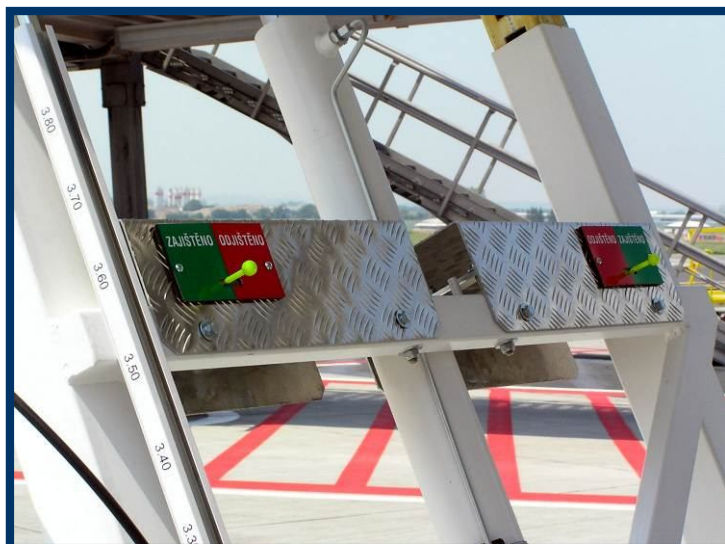
ADJUSTABLE PASSENGER STAIRS  
CDS 2438

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Front part of upper platform flexibly retractable 100 mm, equipped with protective bumper.

The platform is secured in the selected height with mechanical stops which automatically lock in the holes of the telescopic supports.



The height of the platform is adjustable in 80 mm intervals.



### Optional equipment

- Hydraulically operated stabilizers and lifting powered by diesel or petrol engine
- 2 speed pedestrian movement system with both rear wheels permanent drive ( fast 70 m/min, slow speed can be adjusted 15 - 25m/min according to the customer demand)

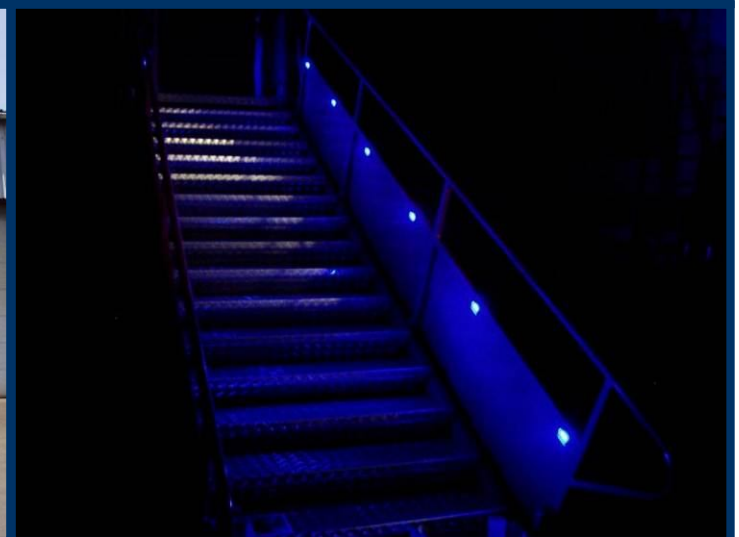




# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 2438

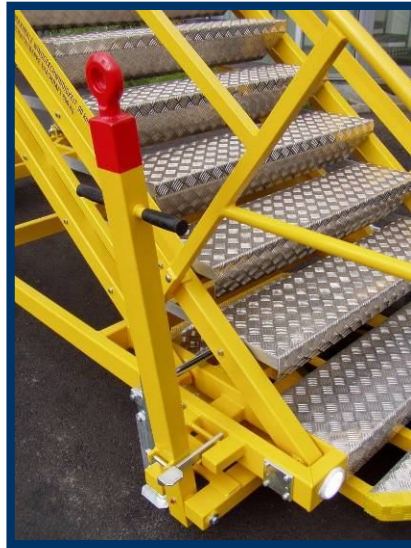
- Textile ribbon self-winding barrier
- Battery charger and socket for 220 V AC
- Search light
- Beacon
- Colour shade to be defined as per RAL colour chart
- Illumination by LED lamps (12 V DC, battery 90 Ah)





### Optional versions

- Stairs with platform for transport of handicapped passengers
- Fully covered staircase
- VIP stairs made according to special customer requirements
- Front steering (does not allow installation of pedestrian movement system )



### Transport arrangement

2 pieces can be transported on 1 lowdeck megatruck with cargo space 3,0 m high. The truck has to allow side - loading by means of forklift (if only 1 piece is transported, abt. 8 m of truck cargo space length is needed).

**Table of aircrafts with door sill heights in range of stairs CDS 2438  
(dimensions in metres)**

CDS 2438	1,8	3,8	[Grid]															
A318/319/320/321	3,42	3,72	[Grid]															
AVRO RJ70/85/100	1,88	2,08	[Grid]															
B707	3,05	3,12	[Grid]															
B727-100	2,49	3	[Grid]															
B727-200	2,44	3,3	[Grid]															
B737-100	2,46	2,77	[Grid]															
B737-200	2,46	2,79	[Grid]															
B737-300/400/500	2,62	2,77	[Grid]															
B737-600	2,58	3,08	[Grid]															
B737-700	2,58	3,09	[Grid]															
B737-800	2,58	3,05	[Grid]															
B737-900	2,59	3,04	[Grid]															
BAC 1-11-400/500	2,03	2,24	[Grid]															
BAE ATP	1,77	1,93	[Grid]															
BAE 748	1,83		[Grid]															
DC9	2,2	2,4	[Grid]															
EMBRAER 170	2,3	2,67	[Grid]															
EMBRAER 175	2,3	2,88	[Grid]															
EMBRAER 190	2,53	3,15	[Grid]															
EMBRAER 195	2,52	3,15	[Grid]															
F-28 MK 1000/3000	2,12	2,36	[Grid]															
F-28 MK 2000/4000	2,13	2,4	[Grid]															
F70	2,04	2,44	[Grid]															
F100	2,09	2,49	[Grid]															
IL-18	3,07	3,32	[Grid]															
IL-114	2,15	2,58	[Grid]															
L188 ELECTRA	2,45	2,57	[Grid]															
MD80	2,2	2,8	[Grid]															
TU134	2,45	2,63	[Grid]															
TU134A	2,5	2,68	[Grid]															
TU154	3,59	3,77	[Grid]															
YAK 40	1,74	1,95	[Grid]															
YAK 42	2,6	3,11	[Grid]															



# ZODIAC EQUIPMENT

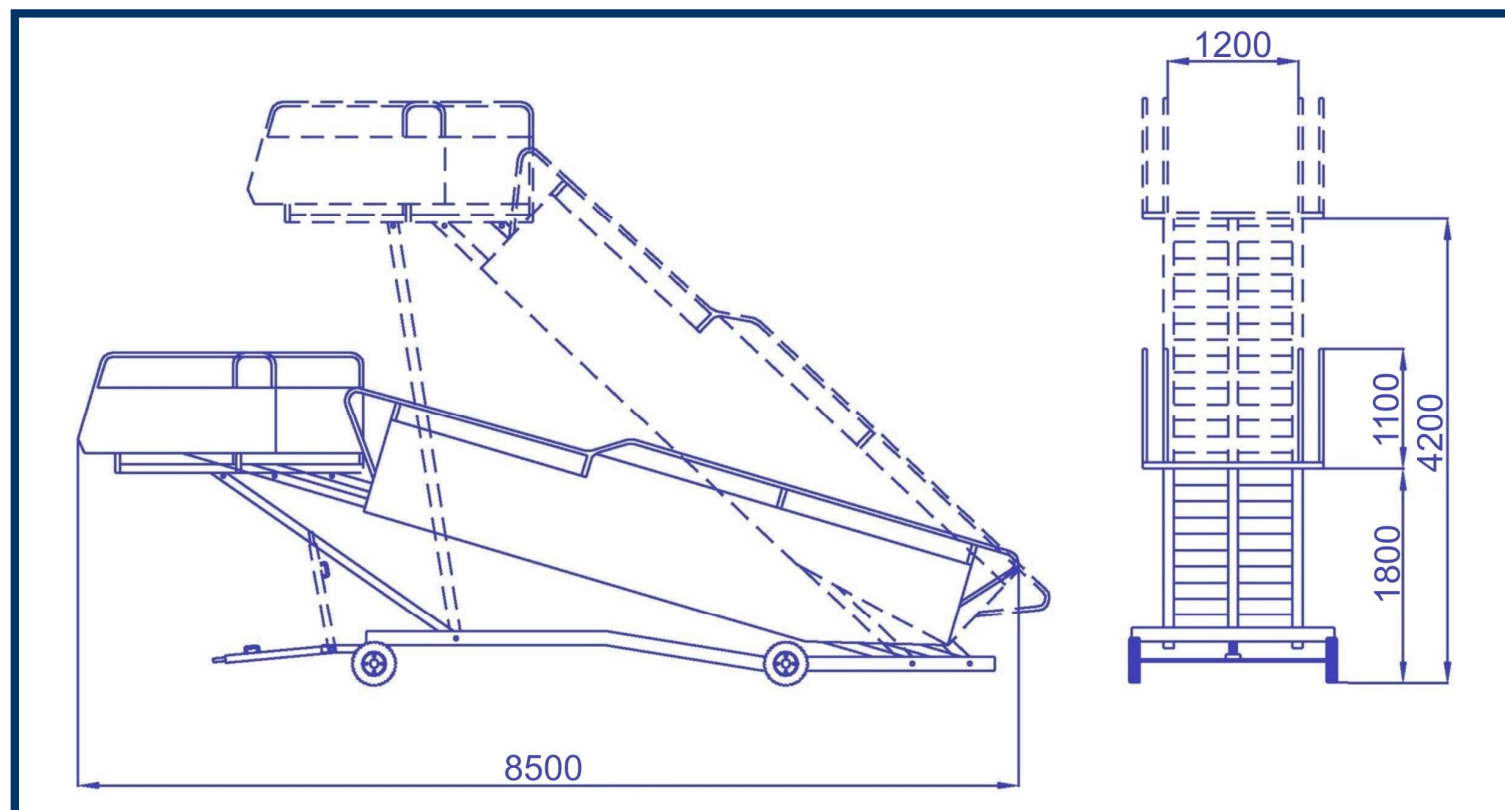
ADJUSTABLE PASSENGER STAIRS  
CDS 2442

Stairs are suitable for servicing all aircrafts with door sill heights from 1,8 - 4,2 m.

- Welded construction composed of heavy duty metal parts.
- Handrails made out of mild steel.
- Fully zinc metallized (as option) and painted.
- Handrails on upper platform sliding on both sides, 1100 mm high, with protective bumpers on front edges.
- Steps and upper platform covered with aluminium antiskid sheet.
- Manual hydraulic pump for adjusting of height of platform to door-sill height.
- 4 manually operated stabilizers (hydraulically operated stabilizers available see optional equipment).
- 4 wheels with steel rims and solid rubber superelastic tyres.



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km)
1200	2100	200	45	25

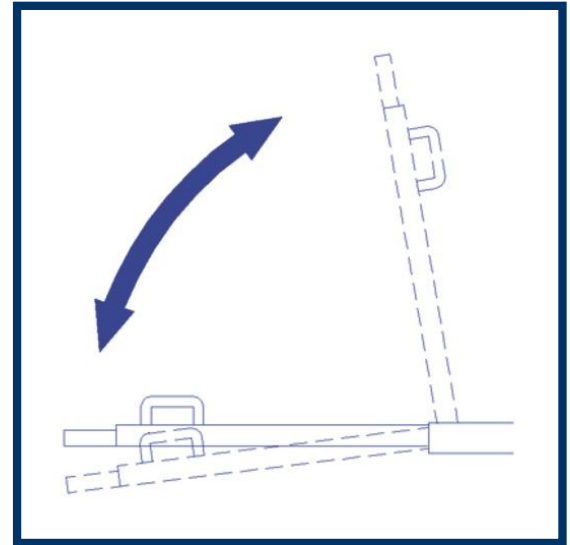


This product meets the EN 12312-1+A1 standard in the height range 2,4 – 4,2meters

# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 2442

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Front part of upper platform flexibly retractable 100 mm, equipped with protective bumper.

The platform is secured in the selected height with mechanical stops which automatically lock in the holes of the telescopic supports.



The height of the platform is adjustable in 80 mm intervals.



### Optional equipment

- Hydraulically operated stabilizers and lifting powered by diesel or petrol engine
- 2 speed pedestrian movement system with both rear wheels permanent drive ( fast 70 m/min, slow speed can be adjusted 15 - 25m/min according to the customer demand)

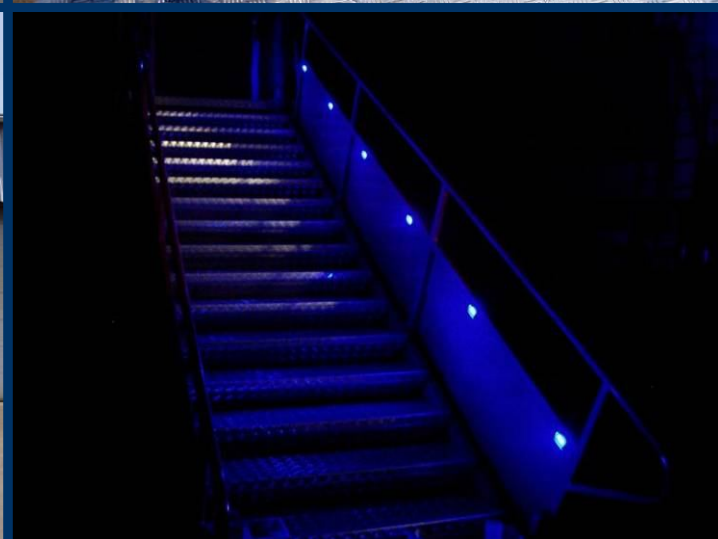




# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 2442

- Textile ribbon self-winding barrier
- Battery charger and socket for 220 V AC
- Search light
- Beacon
- Colour shade to be defined as per RAL colour chart
- Illumination by LED lamps (12 V DC, battery 90 Ah)





# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 2442

## Optional versions

- Fully covered staircase
- Stairs with platform for transport of handicapped passengers
- VIP stairs made according to special customer requirements



## Transport arrangement

1 piece can be transported by 1 lowdeck megatruck with cargo space 8,5 m long and 3,0 m high. The truck has to allow side-loading by means of forklift.

Table of aircrafts with door sill heights in range of stairs CDS 2442 (dimensions in metres)

CDS 2442	1,8	4,2	[Grid visualization of door sill heights]									
A318/319/320/321	3,42	3,72	[Grid visualization]									
AVRO RJ70/85/100	1,88	2,08	[Grid visualization]									
B707	3,05	3,12	[Grid visualization]									
B727-100	2,49	3	[Grid visualization]									
B727-200	2,44	3,3	[Grid visualization]									
B737-100	2,46	2,77	[Grid visualization]									
B737-200	2,46	2,79	[Grid visualization]									
B737-300/400/500	2,62	2,77	[Grid visualization]									
B737-600	2,58	3,08	[Grid visualization]									
B737-700	2,58	3,09	[Grid visualization]									
B737-800	2,58	3,05	[Grid visualization]									
B737-900	2,59	3,04	[Grid visualization]									
B757-200	3,79	4,14	[Grid visualization]									
BAC 1-11-400/500	2,03	2,24	[Grid visualization]									
BAE ATP	1,77	1,93	[Grid visualization]									
BAE 748	1,83		[Grid visualization]									
DC8-40/50	3,2	3,96	[Grid visualization]									
DC8-61	3,25	3,96	[Grid visualization]									
DC8-62	3,2	4,01	[Grid visualization]									
DC8-63	3,2	3,94	[Grid visualization]									
DC9	2,2	2,4	[Grid visualization]									
EMBRAER 170	2,3	2,67	[Grid visualization]									
EMBRAER 175	2,3	2,88	[Grid visualization]									
EMBRAER 190	2,53	3,15	[Grid visualization]									
EMBRAER 195	2,52	3,15	[Grid visualization]									
F-28 MK 1000/3000	2,12	2,36	[Grid visualization]									
F-28 MK 2000/4000	2,13	2,4	[Grid visualization]									
F70	2,04	2,44	[Grid visualization]									
F100	2,09	2,49	[Grid visualization]									
IL-18	3,07	3,32	[Grid visualization]									
IL-62	3,66	3,96	[Grid visualization]									
IL-62 M	3,5	3,93	[Grid visualization]									
IL-114	2,15	2,58	[Grid visualization]									
L188 ELECTRA	2,45	2,57	[Grid visualization]									
MD80	2,2	2,8	[Grid visualization]									
TU134	2,45	2,63	[Grid visualization]									
TU134A	2,5	2,68	[Grid visualization]									
TU154	3,59	3,77	[Grid visualization]									
TU204	4,08		[Grid visualization]									
YAK 40	1,74	1,95	[Grid visualization]									
YAK 42	2,6	3,11	[Grid visualization]									



# ZODIAC EQUIPMENT

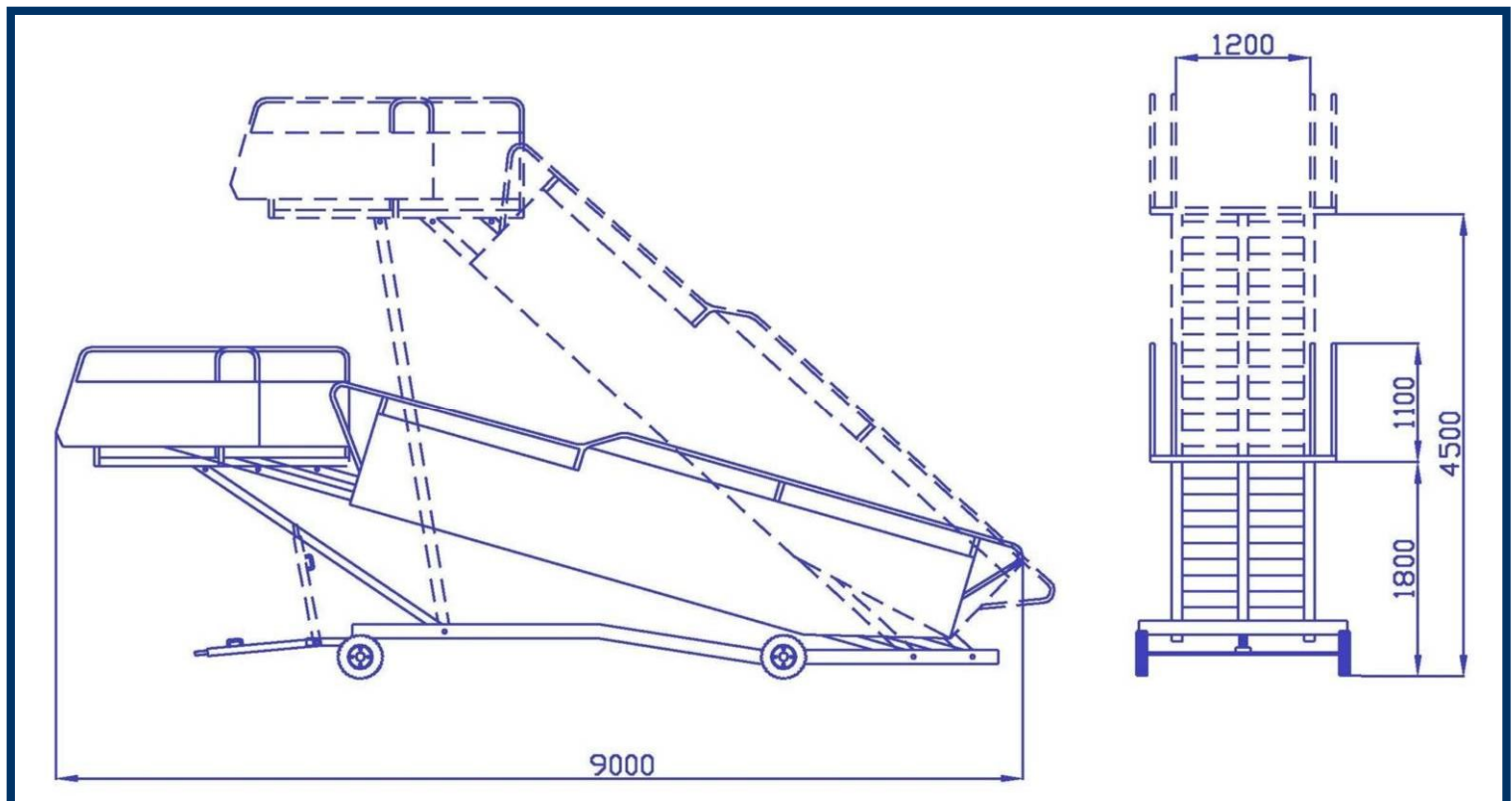
ADJUSTABLE PASSENGER STAIRS  
CDS 2445

Stairs are suitable for servicing all aircrafts with door sill heights from 1,8 - 4,5 m.

- Welded construction composed of heavy duty metal parts.
- Handrails made out of mild steel.
- Fully zinc metallized (as option) and painted.
- Handrails on upper platform sliding on both sides, 1100 mm high, with protective bumpers on front edges.
- Steps and upper platform covered with aluminium antiskid sheet.
- Manual hydraulic pump for adjusting of height of platform to door-sill height.
- 4 manually operated stabilizers (hydraulically operated stabilizers available see optional equipment).
- 4 wheels with steel rims and solid rubber superelastatic tyres.

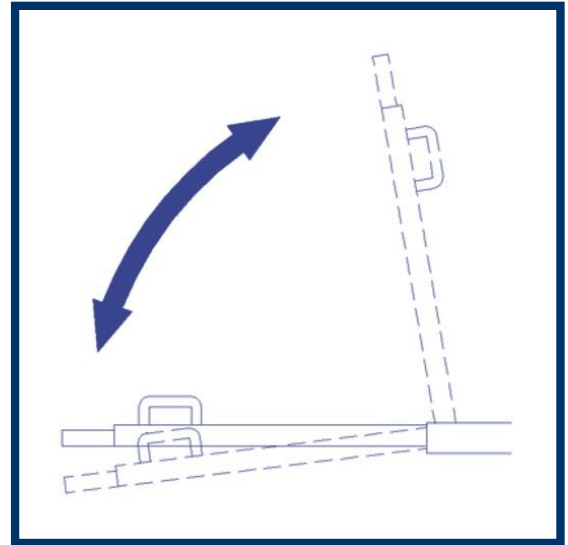


Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km)
1200	2200	200	45	25



This product meets the EN 12312-1+A1 standard in the height range 2,4 – 4,5meters

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Front part of upper platform flexibly retractable 100 mm, equipped with protective bumper.

The platform is secured in the selected height with mechanical stops which automatically lock in the holes of the telescopic supports.

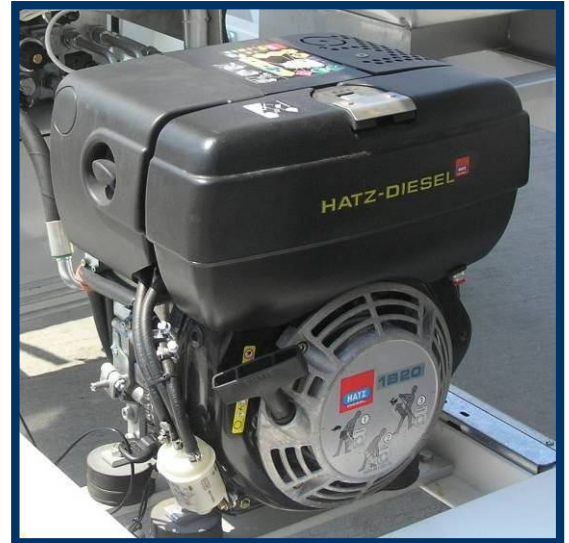


The height of the platform is adjustable in 80 mm intervals.



### Optional equipment

- Hydraulically operated stabilizers and lifting powered by diesel or petrol engine
- 2 speed pedestrian movement system with both rear wheels permanent drive ( fast 55 m/min, slow speed can be adjusted 15 - 25m/min according to the customer demand)

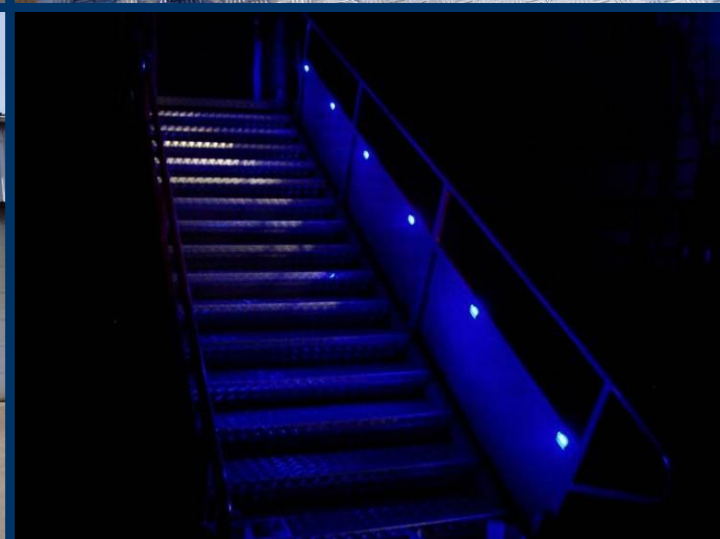




# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 2445

- Textile ribbon self-winding barrier
- Battery charger and socket for 220 V AC
- Search light
- Beacon
- Colour shade to be defined as per RAL colour chart
- Illumination by LED lamps (12 V DC, battery 90 Ah)





### Optional versions

- Fully covered staircase
- Stairs with platform for transport of handicapped passengers
- VIP stairs made according to special customer requirements



### Transport arrangement

1 piece can be transported by 1 lowdeck megatruck with cargo space 9,5 m long and 3,0 m high. The truck has to allow side-loading by means of forklift.

Table of aircrafts with door sill heights in range of stairs CDS 2445 (dimensions in metres)

CDS 2445	1,8	4,5								
A310-200/200C/300	4,42	4,48								
A318/319/320/321	3,42	3,72								
AVRO RJ70/85/100	1,88	2,08								
B707	3,05	3,12								
B727-100	2,49	3								
B727-200	2,44	3,3								
B737-100	2,46	2,77								
B737-200	2,46	2,79								
B737-300/400/500	2,62	2,77								
B737-600	2,58	3,08								
B737-700	2,58	3,09								
B737-800	2,58	3,05								
B737-900	2,59	3,04								
B757-200	3,79	4,14								
B767-200	4,06	4,47								
B767-300	4,14	4,5								
B767-400	4,1	4,6								
BAC 1-11-400/500	2,03	2,24								
BAE ATP	1,77	1,93								
BAE 748	1,83									
DC8-40/50	3,2	3,96								
DC8-61	3,25	3,96								
DC8-62	3,2	4,01								
DC8-63	3,2	3,94								
DC9	2,2	2,4								
EMBRAER 170	2,3	2,67								
EMBRAER 175	2,3	2,88								
EMBRAER 190	2,53	3,15								
EMBRAER 195	2,52	3,15								
F-28 MK 1000/3000	2,12	2,36								
F-28 MK 2000/4000	2,13	2,4								
F70	2,04	2,44								
F100	2,09	2,49								
IL-18	3,07	3,32								
IL-62	3,66	3,96								
IL-62 M	3,5	3,93								
IL-114	2,15	2,58								
L188 ELECTRA	2,45	2,57								
MD80	2,2	2,8								
TU134	2,45	2,63								
TU134A	2,5	2,68								
TU154	3,59	3,77								
TU204	4,08									
YAK 40	1,74	1,95								
YAK 42	2,6	3,11								



# ZODIAC

## EQUIPMENT

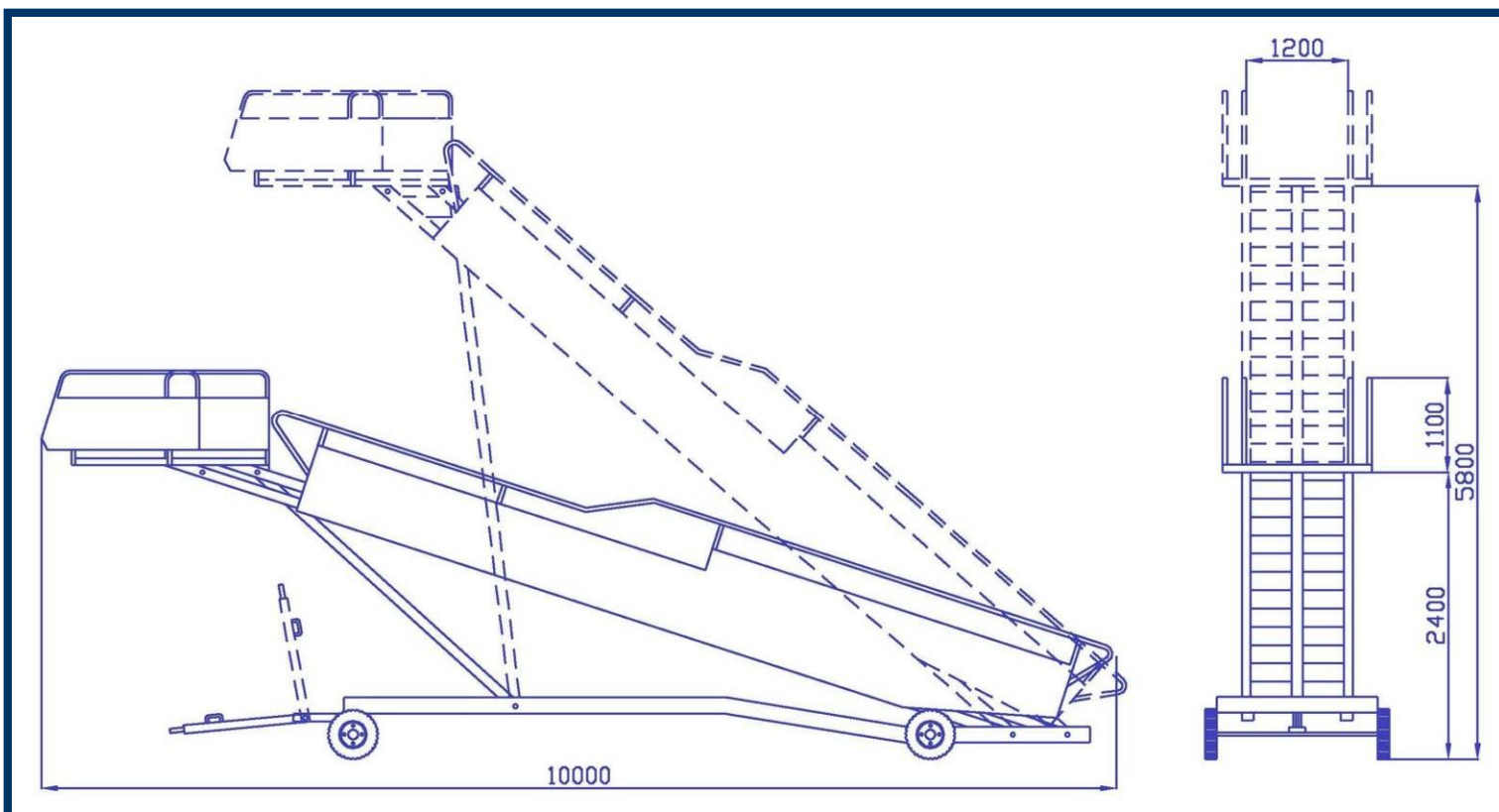
ADJUSTABLE PASSENGER STAIRS  
CDS 3458

Stairs are suitable for servicing all aircrafts with door sill heights from 2,4 up to 5,8 m.

- Welded construction composed of heavy duty metal parts.
- Handrails made out of mild steel.
- Fully zinc metallized (as option) and painted.
- Handrails on upper platform sliding on both sides, 1100 mm high, with protective bumpers on front edges.
- Steps and upper platform covered with aluminium antiskid sheet.
- Manual hydraulic pump for adjusting of height of platform to door-sill height.
- 4 manually operated stabilizers
- 4 wheels with steel rims and solid rubber superelastic tyres.



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km/h)
1200	2980	200	45	25



This product meets the EN 12312-1+A1 standard in the height range 3,4 – 5,8meters

# ZODIAC EQUIPMENT

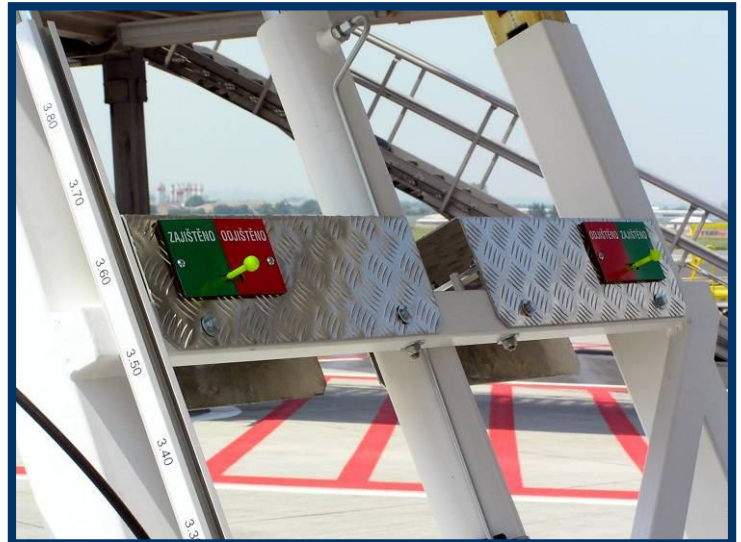
ADJUSTABLE PASSENGER STAIRS  
CDS 3458

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Front part of upper platform flexibly retractable 100 mm, equipped with protective bumper.

The platform is secured in the selected height with mechanical stops which automatically lock in the holes of the telescopic supports.



The height of the platform is adjustable in 80 mm intervals.



### Optional equipment

- Lifting powered by diesel or petrol engine
- 2 speed pedestrian movement system with both rear wheels permanent drive ( fast 55 m/min, slow speed can be adjusted 15 - 25m/min according to the customer demand)

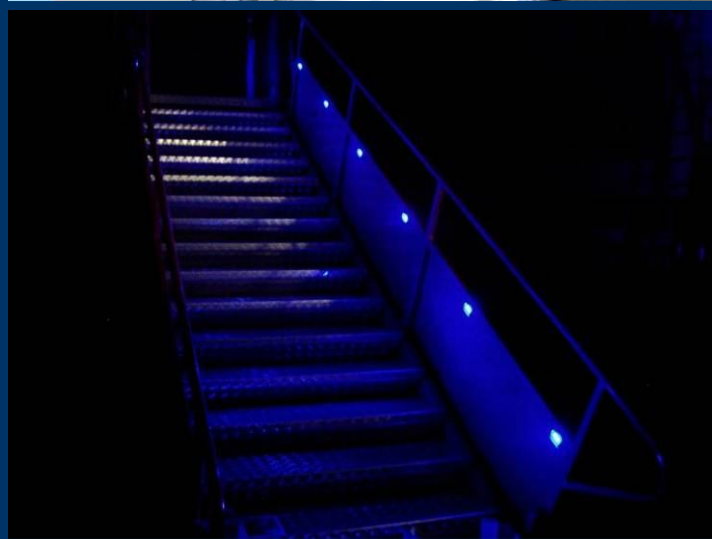




# ZODIAC EQUIPMENT

ADJUSTABLE PASSENGER STAIRS  
CDS 3458

- Textile ribbon self-winding barrier
- Battery charger and socket for 220 V AC
- Search light
- Beacon
- Colour shade to be defined as per RAL colour chart
- Illumination by LED lamps  
(12 V DC, battery 90 Ah)





### Optional versions

- Fully covered staircase
- Stairs with platform for transport of handicapped passengers
- VIP stairs made according to special customer requirements



### Transport arrangement

1 piece can be transported on 1 lowdeck megatruck with cargo space 11 m long and 3,0 m high. The truck has to allow side-loading by means of forklift.



Table of aircrafts with door sill heights in range of stairs CDS 3458 (dimensions in metres)

CDS 3458	2,4	5,8																			
A300 B2/B4/C4	4,62	5,38																			
A300-600	4,41	5,4																			
A310-200/200C/300	4,42	4,48																			
A318/319/320/321	3,42	3,72																			
A330-200/300	4,4	5,7																			
A340-200/300	4,4	5,7																			
A340-500	4,53	5,65																			
A340-600	4,6	5,59																			
B707	3,05	3,12																			
B727-100	2,49	3																			
B727-200	2,44	3,3																			
B737-100	2,46	2,77																			
B737-200	2,46	2,79																			
B737-300/400/500	2,62	2,77																			
B737-600	2,58	3,08																			
B737-700	2,58	3,09																			
B737-800	2,58	3,05																			
B737-900	2,59	3,04																			
B747-100/200/300	4,65	5,36																			
B747-10SF/200C/200F	4,52	5,46																			
B747-400/400C	4,65	5,33																			
B747 SP	4,77	5,19																			
B757-200	3,79	4,14																			
B767-200	4,06	4,47																			
B767-300	4,14	4,5																			
B767-400	4,1	4,6																			
B777	4,71	5,53																			
DC8-40/50	3,2	3,96																			
DC8-61	3,25	3,96																			
DC8-62	3,2	4,01																			
DC8-63	3,2	3,94																			
DC10-10	4,62	5,18																			
DC10-30/40	4,6	5,16																			
EMBRAER 170	2,3	2,67																			
EMBRAER 175	2,3	2,88																			
EMBRAER 190	2,53	3,15																			
EMBRAER 195	2,52	3,15																			
IL-18	3,07	3,32																			
IL-62	3,66	3,96																			
IL-62 M	3,5	3,93																			
IL-86	4,2	5																			
IL-96	4,51	4,83																			
L1011-1/100/200/250	4,5	4,72																			
L1011-500	4,55	4,72																			
L188 ELECTRA	2,45	2,57																			
MD11	4,57	5,21																			
TU134	2,45	2,63																			
TU134A	2,5	2,68																			
TU154	3,59	3,77																			
TU204	4,08																				
YAK 42	2,6	3,11																			



# ZODIAC EQUIPMENT

FIXED HEIGHT PASSENGER STAIRS  
CDS 2850

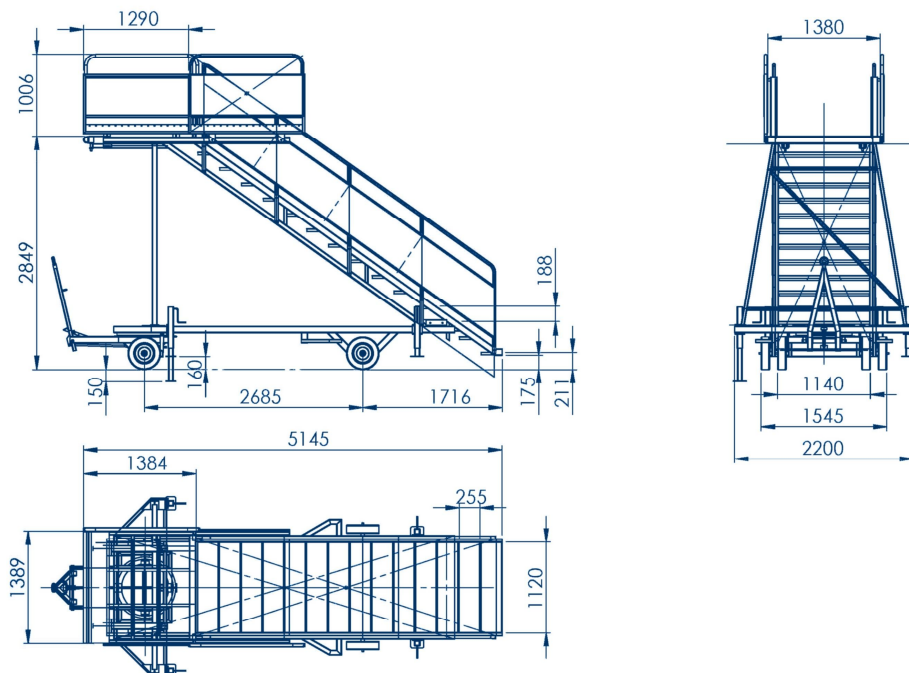
These passenger stairs features are:  
easy operation, long durability,  
reliability and low maintenance costs.

- low-weight optimized steel construction
- zinc metallized and painted
- sliding handrails on both sides of platform



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km)
1120	910	100	45	25

All dimensions can be modified on customer demand



This product meets the EN 12312-1+A1 standard

# ZODIAC EQUIPMENT

FIXED HEIGHT PASSENGER STAIRS  
CDS 2850

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Front part of upper platform flexibly retractable 100 mm, equipped with protective bumper.



Sliding handrails on both sides of platform.





# ZODIAC EQUIPMENT

FIXED HEIGHT PASSENGER STAIRS  
CDS 2850



Solid frame and textile ribbon self-winding barrier.

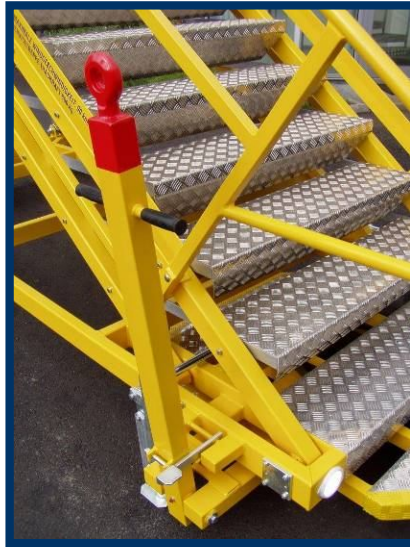


4 jacks for height adjustment.



### Optional equipment

- Search light
- Beacon
- Illumination by LED lamps (12 V DC, battery 90 Ah)
- VIP stairs made according to special customer requirements
- Front steering



### Transport arrangement

2 pieces can be transported on truck with trailer or semi-trailer. The truck has to allow side - loading by means of forklift (if only 1 piece is transported, abt. 6 m of truck cargo space length is needed).



# ZODIAC EQUIPMENT

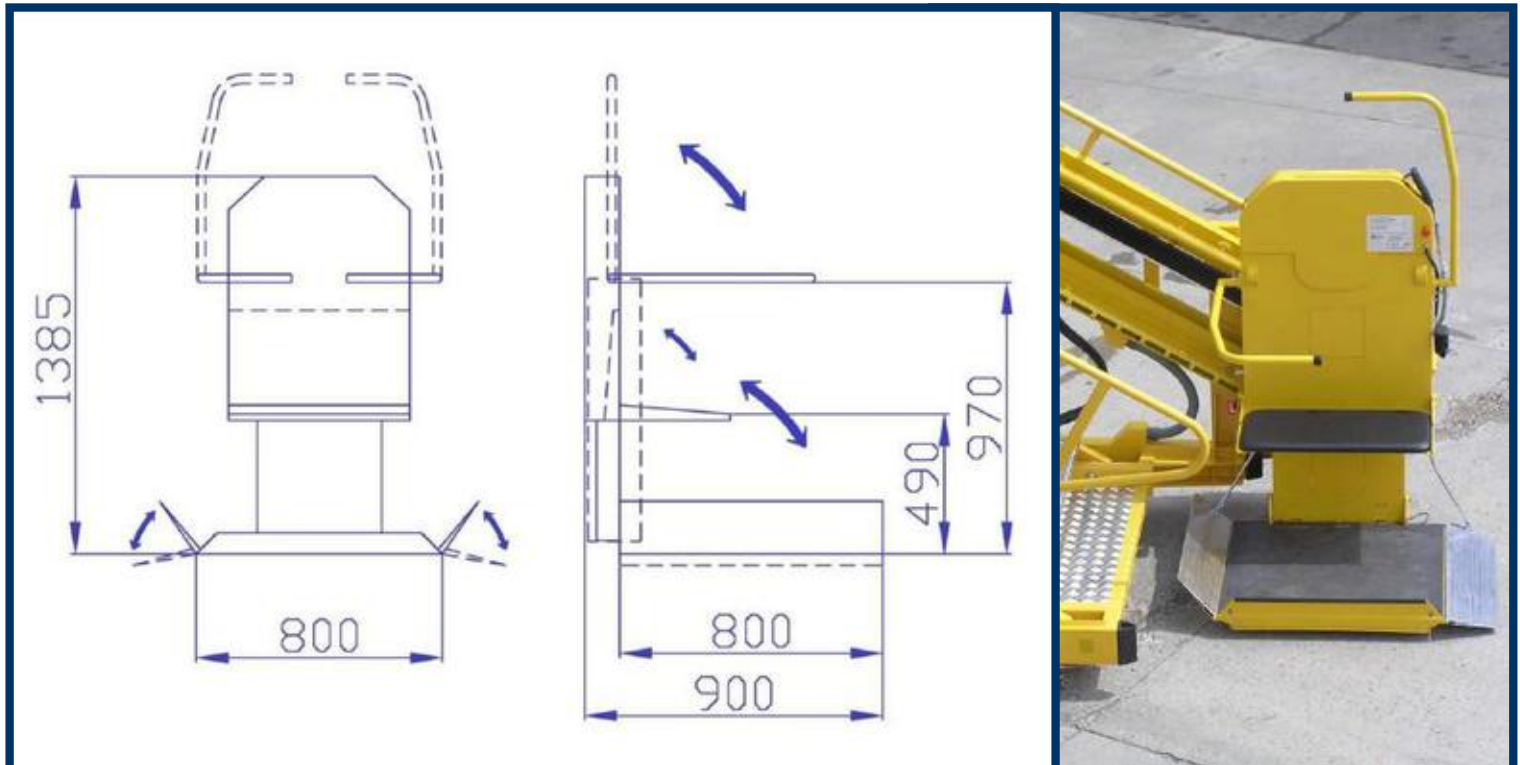
## LIFTING PLATFORM FOR PASSENGER STAIRS CDS PRM

This lifting platform is designed to carry one person with reduced mobility who is able to sit down (independently or with help) on the lift folding chair or is already sitting on a wheelchair.

- Latch catcher provides immediate platform stop during an uncontrolled increase speed (set at 0.3 m / s)
- The platform is an integral part of the stairs and cannot be added separately



Platform floor size (mm)	Weight (kg)	Max. platform load (kg)	Max. seat load (kg)	Speed (m/s)
800x800	300	300	150	0,1



This product meets the EN 12312+A1 standard

# ZODIAC EQUIPMENT

## LIFTING PLATFORM FOR PASSENGER STAIRS CDS PRM



The platform is equipped with foldable floor, seat, barriers and loading ramps.

Fastening belt serves to strap persons carried on the seat.





# ZODIAC EQUIPMENT

## LIFTING PLATFORM FOR PASSENGER STAIRS CDS PRM

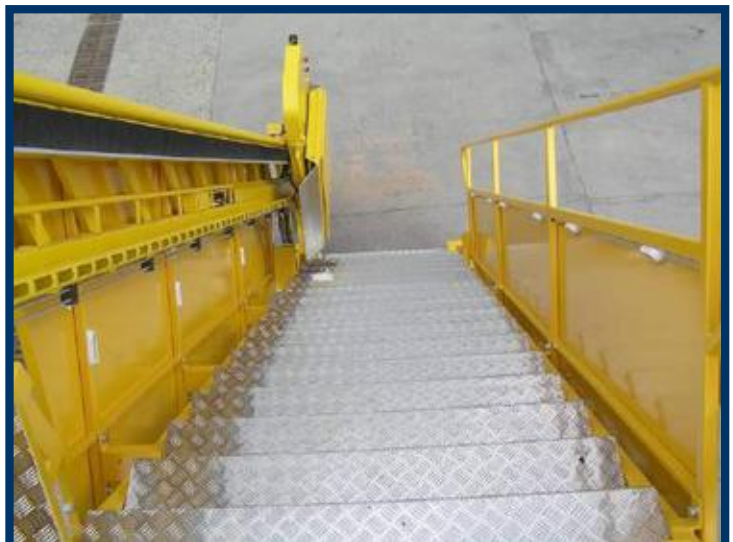
Travel path consists of two beams welded steel profiles, which are hinged to each other. These beams are fixed to the structure of stairs. The slideway for drive chains is part of the top rail. The lower beam is adapted to guide the energy chain with electric cables.



Folded platform does not interfere the stairs common use.



Retainer automatically stop movement of the platform downward in case of breaking load chains or other defect resulting in speed increase beyond limit. The latch is locked into one of the holes in the bottom rail track and stop motion.



Vertical positioning allows to equalize differences in heights of lower platform stopover in dependence on surrounding terrain and different stairs inclination.

# ZODIAC EQUIPMENT

## LIFTING PLATFORM FOR PASSENGER STAIRS CDS PRM



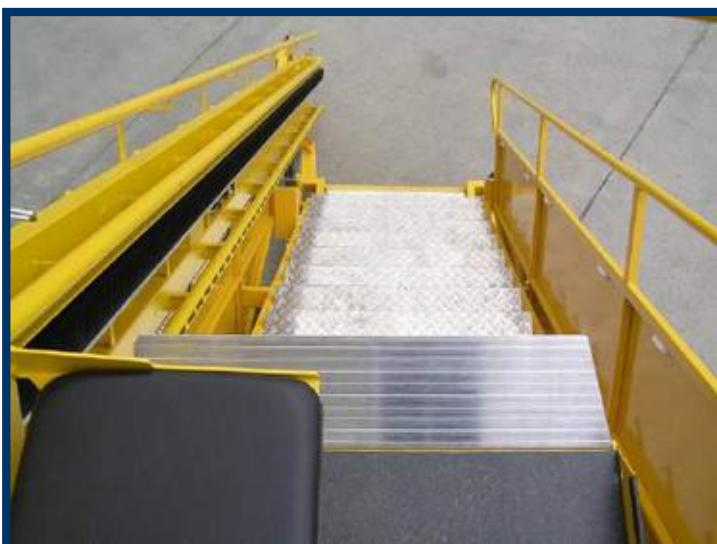
Platform movement can be stopped anytime by stop movement button. Another way to stop device movement is to press any of emergency stop buttons.



External control buttons are placed on bottom end of travel path. These are used for calling or dispatching platform from or into parking position.



Handheld controller is used to control the platform traveling up and down. It is connected by coiled cable which allows operating from behind or in front of the platform.







Towed stairs for servicing and maintenance with a platform at the fixed height above the ground level. They feature simple handling, reliability and low running and service costs. A robust frame is welded from steel girders. The rear axle is steered and equipped with a brake. Wheels with steel rims are fitted with solid rubber tyres. The platform is fitted with a rubber bumper on the front wall. The platform railing is rigid or sliding (according to the customer's specification). The front edge of the platform and the front rail columns are fitted with rubber profiles. The treads and the platform are covered with aluminium sheets and a slip-resistant finish. Stability in the operational position is provided by two mechanically operated stabilizers. The towing eye has an inner diameter 40 mm as standard. All steel sections of the frame are galvanized and coated with primer and a topcoat (shades according to RAL).



**Please scroll down or follow bookmarks to our stairs brochures**

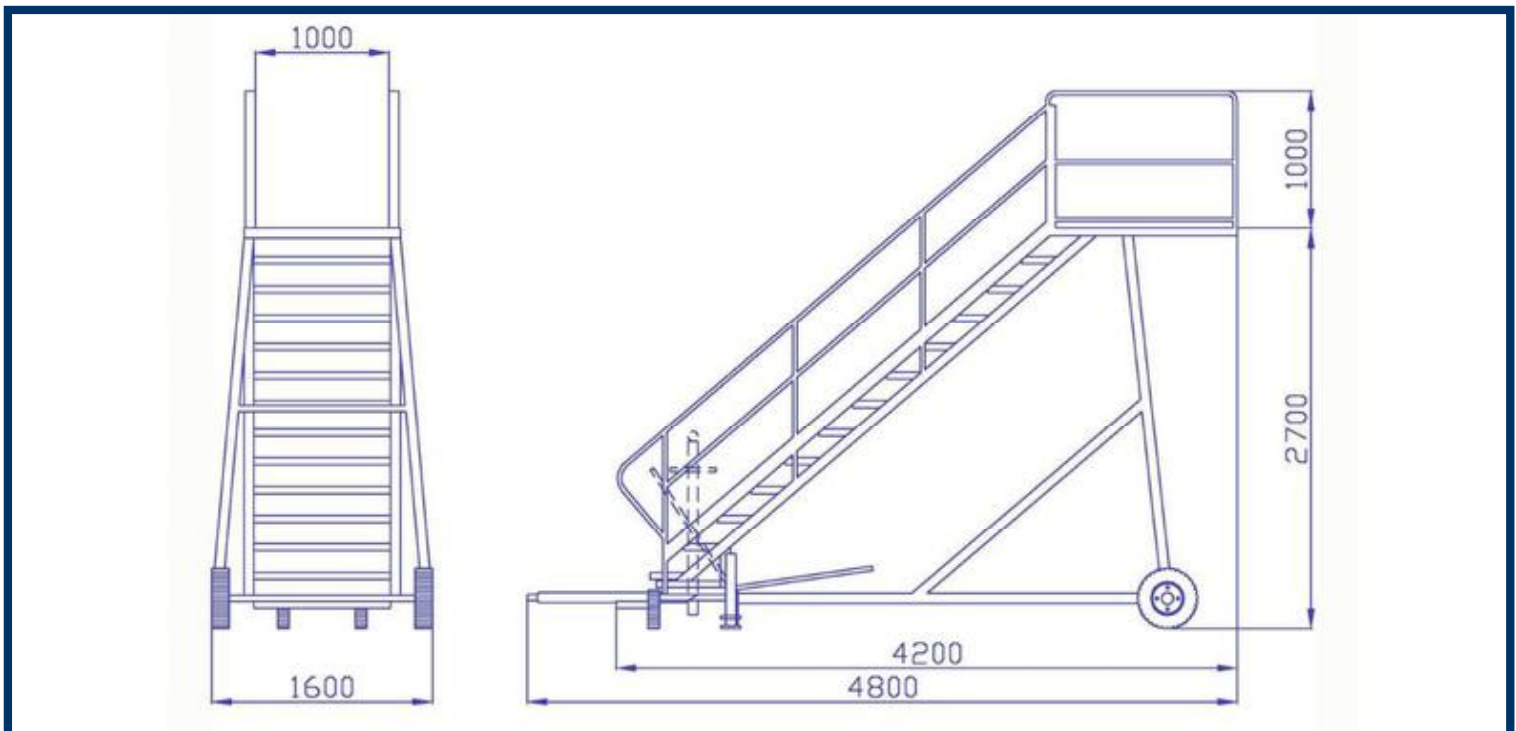
These maintenance stairs features are: easy operation, long durability, reliability and low maintenance costs.

- low-weight optimized steel construction
- hot-dip galvanized in zinc bath and painted
- fixed or sliding platform handrails on both sides



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km)
1000	450	200	45	30

All dimensions can be modified on customer demand



This product meets the EN 12312-8+A1 standard



# ZODIAC EQUIPMENT

## MAINTENANCE STAIRS MST 2700



The chassis is equipped with locking of the drawbar in the upright position.







Stability in the operational position is provided by two manually operated stabilizers.



Steps and platform covered with aluminium antiskid sheet.



Turntable steering.







Platform and handrails front edge equipped with rubber bumper.



Front end of platform closed with chain.



4 wheels with steel discs, ball bearing hubs and solid rubber tyres.

Since the construction allows removal of the front axle frame, 2 pieces can be transported by 1 truck with about 7m of cargo space length.





# ZODIAC EQUIPMENT

## MAINTENANCE STAIRS MST 2700



Optional versions with sliding platform handrails.



Colour shade to be defined as per RAL colour chart.





# ZODIAC EQUIPMENT

## MAINTENANCE STAIRS MST 2300

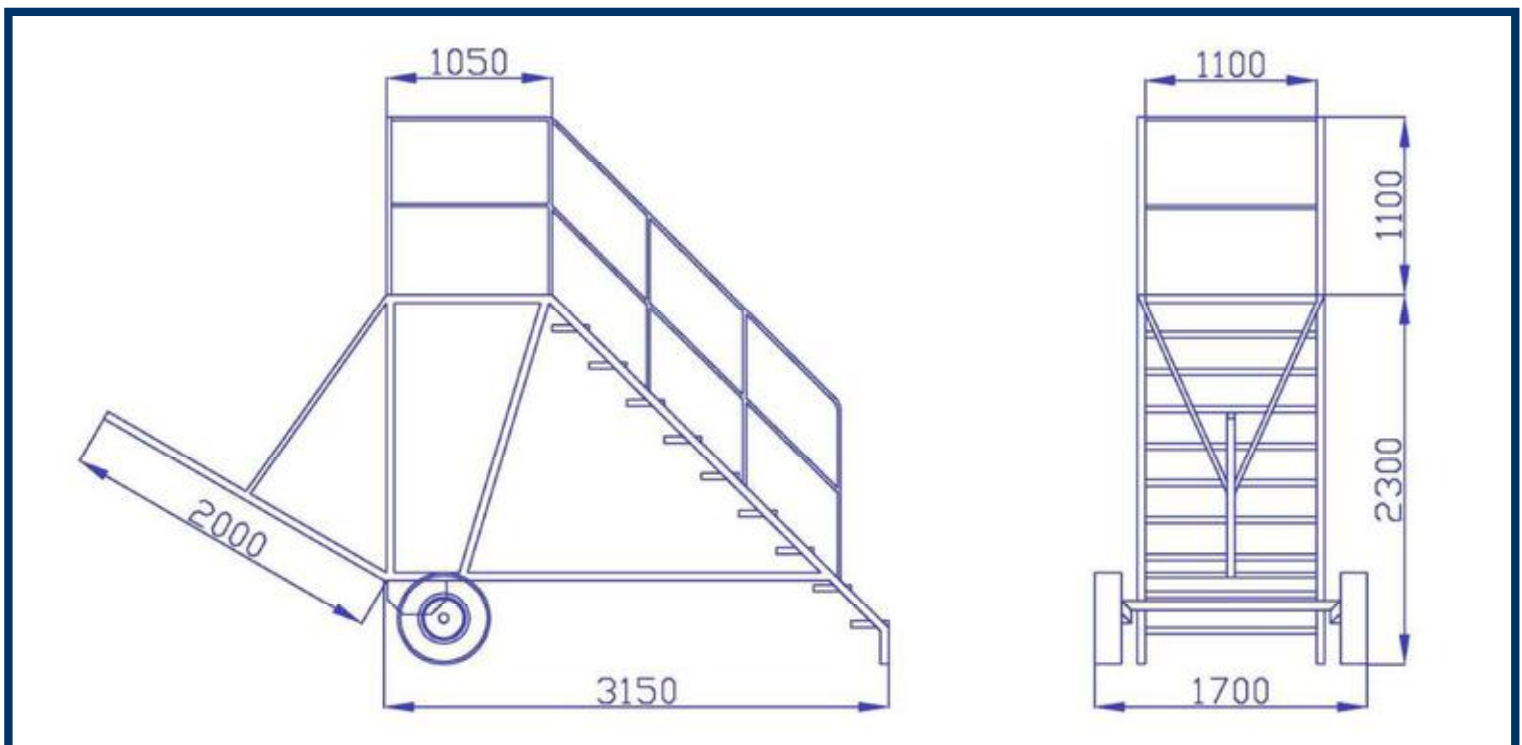
These stairs feature easy operation, long durability, reliability and low maintenance costs.

- low-weight optimized steel construction
- hot-dip galvanized in zinc bath and painted
- stairflight handrails on both sides
- fixed platform handrails on all sides



Stairway width (mm)	Weight (kg)	Max. load per step (kg)	Side wind stability (knots)	Max. towing speed (km)
1100	350	200	45	15

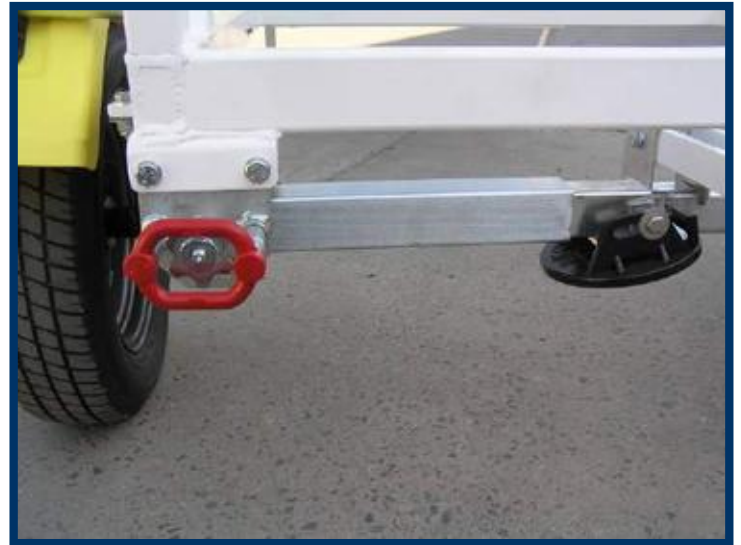
All dimensions can be modified on customer demand



This product meets the EN 12312-8+A1 standard



Stability in the operational position is provided by two manually operated stabilizers.



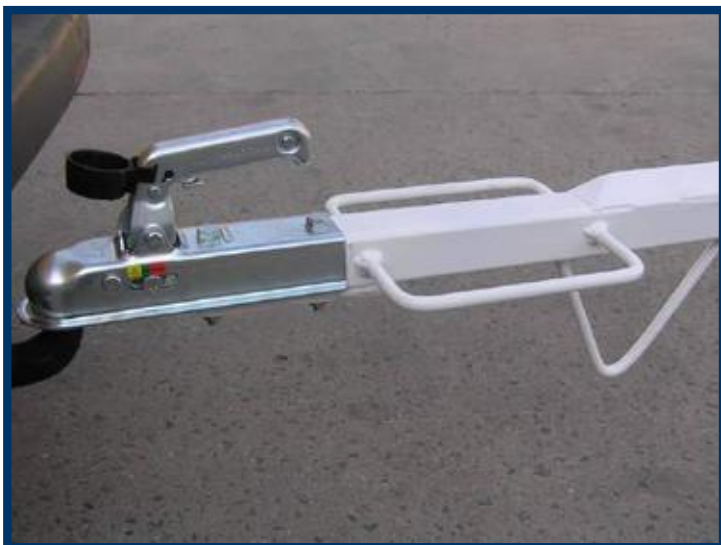
Steps and platform are made from galvanized gratings.







Top platform with toolbox on the left handrail.



Drawbar fits standard car hitch.

# ZODIAC EQUIPMENT

## MAINTENANCE STAIRS MST 2300



1 fixed axle with standard car trailers wheels.







Frames of our cabin service units are made of galvanised and painted steel hollow sections. Covered with a galvanised and painted sheet. Tanks are made out of stainless steel with stainless steel fittings. Water system consists of petrol or diesel engine powered pump and hoses with couplings. Features stainless steel tanks, emergency hand pump, heating system 230 V AC including cable and full thermoinsulation. Tanks quantity and volume can be modified according to customer requirements.



A suitable lorry chassis for our cabin service superstructures are chosen and offered to the customer with regard to the required size of the tank, superstructure equipment, cabin equipment and kind of drive unit. The aggregates of the superstructure are driven by PTO.

**Please scroll down or follow bookmarks to our cabin service units brochures**

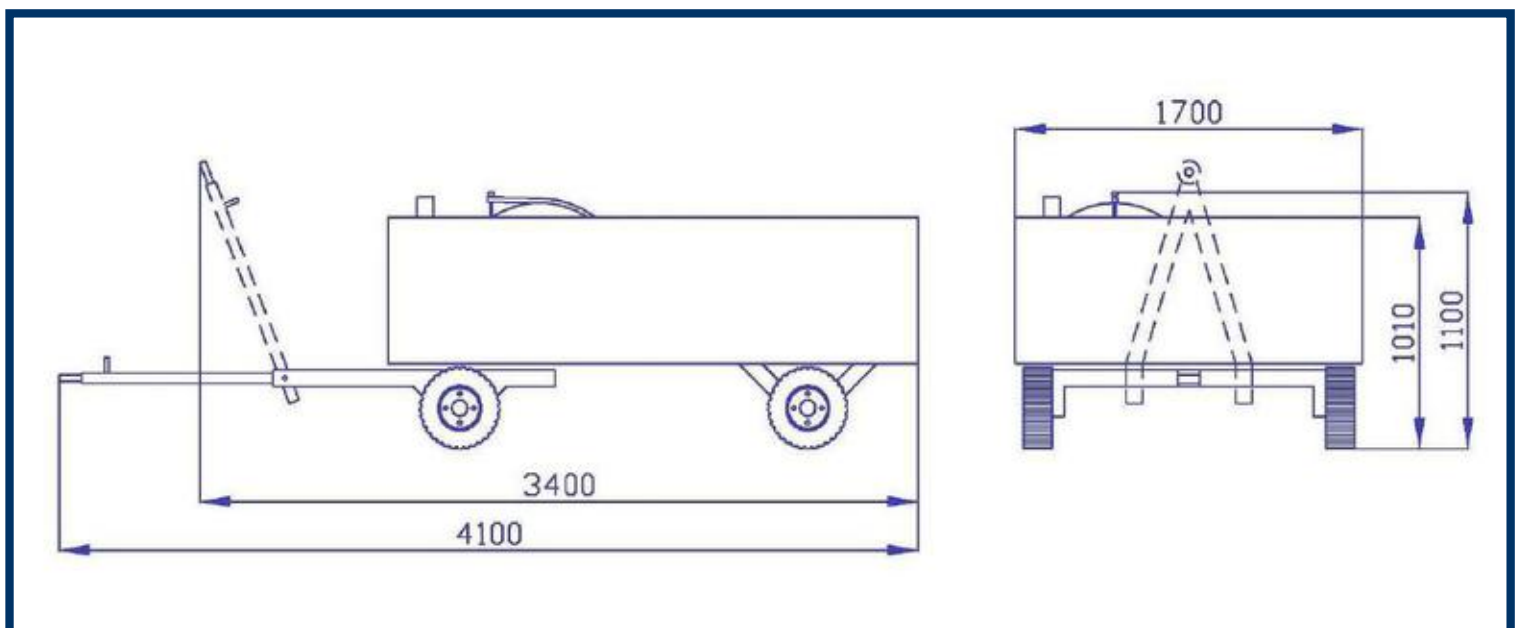
Cart is designed for servicing drinking water systems of aircraft. A frame is made of galvanised and painted steel hollow sections. It is covered with a galvanised and painted sheet. Tanks are made out of stainless steel with stainless steel fittings. Water system consists of petrol or diesel engine powered pump and hoses with couplings.

- 2 stainless steel tanks
- Potable water hose and used water hose with 3/4 inch couplers
- Emergency hand pump
- Heating system 230 V AC including cable
- Full thermoinsulation



Potable water tank (litres)	Used water tank (litres)	Pump capacity (litres)	Weight (kg)	Max. towing speed (km/h)
1000	500	25	950	25

Tanks quantity and their volume can be modified according to customer requirements



This product meets the EN 12312-12+A1 standard



# ZODIAC EQUIPMENT

POTABLE WATER CART  
PWC 1050

The front axle is equipped with a parking brake activated by lifting and securing the drawbar into upright position.



The top wall is covered with a dural sheet with slip-resistant treatment.

Stainless tubing, fittings and hoses with couplers.



Fixed rear axle forms part of structure. Front axle is steerable on turntable.

### Optional equipment

- Diesel or petrol engine
- Battery charger
- Temperature measurement
- Ladder
- Independent Webasto heating system







### Optional versions

All dimensions can be changed on customer demand.

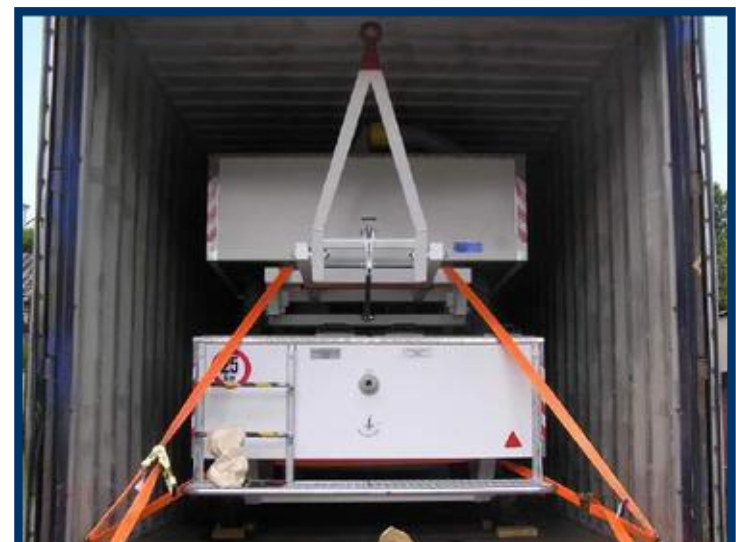


Superstructure for selectable truck chassis.



### Transport arrangement

All carts are designed so that they can be transported by standard trailers and containers



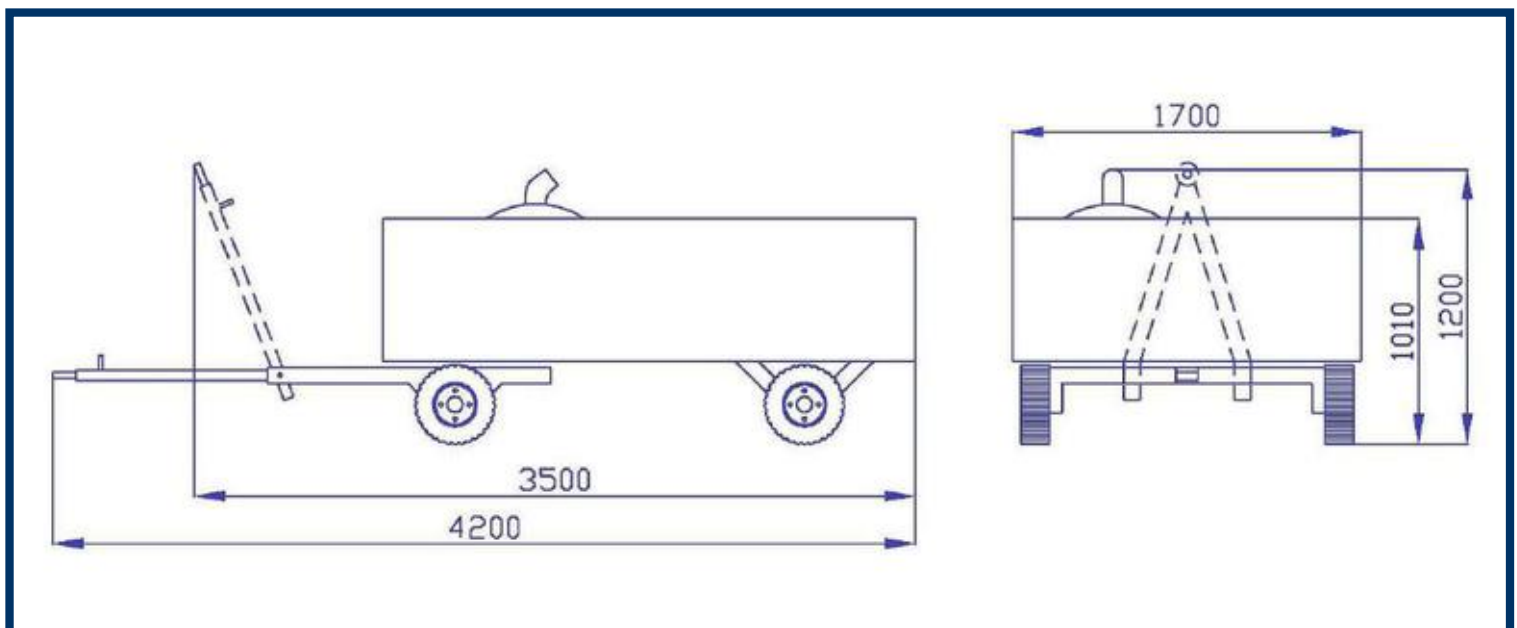
Cart is designed for servicing toilet systems of aircraft. A frame is made of galvanised and painted steel hollow sections. It is covered with a galvanised and painted sheet. Tanks are made out of stainless steel with stainless steel fittings. Water system consists of petrol or diesel engine powered pump and hoses with couplings.

- 2 stainless steel tanks
- Waste hose dia. 4 inch with coupling
- Rinse water hose with ball valve and 1-inch coupling
- Emergency hand pump
- Heating system 230 V AC including cable
- Full thermoinsulation



Waste tank (litres)	Drain tank (litres)	Pump capacity (litres)	Weight (kg)	Max. towing speed (km/h)
700	300	25	1150	25

Tanks quantity and their volume can be modified according to customer requirements



This product meets the EN 12312-13+A1 standard



# ZODIAC EQUIPMENT

TOILET SERVICE CART  
TSC 7030

The front axle is equipped with a parking brake activated by lifting and securing the drawbar into upright position.



The top wall is covered with a dural sheet with slip-resistant treatment. Waste hose dia. 4 inch with coupling.



Waste tank drained through 4 inch ball valve.



Fixed rear axle forms part of structure. Front axle is steerable on turntable.





Brass tubing, fittings and hoses with couplings



### Optional equipment

- Diesel or petrol engine
- Vacuum pump
- Battery charger
- Temperature measurement
- Ladder
- Independent Webasto heating system







### Optional versions

All dimensions can be changed on customer demand.

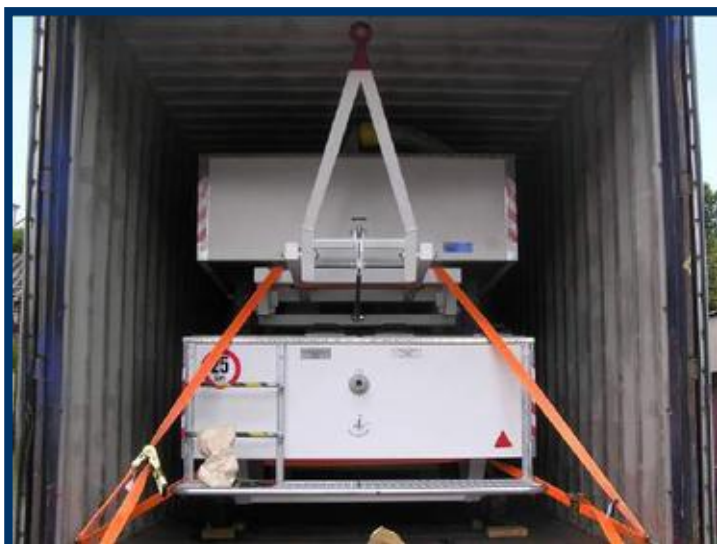


Superstructure for selectable truck chassis.



### Transport arrangement

All carts are designed so that they can be transported by standard trailers and containers



# ZODIAC EQUIPMENT

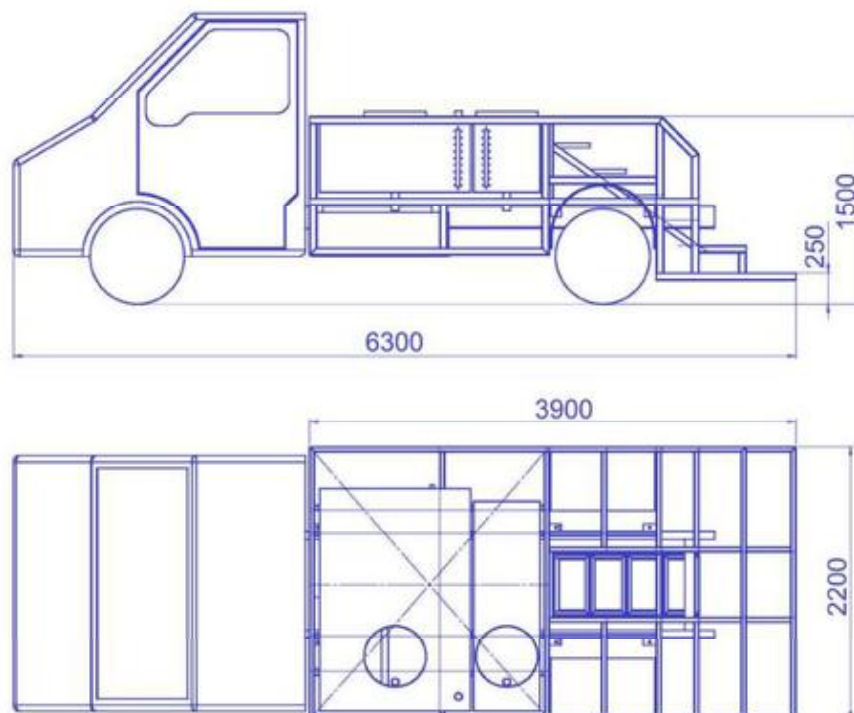
POTABLE WATER TRUCK  
PWT1050

A suitable lorry chassis is chosen and offered to the customer according to the required size of the tank, superstructure equipment, cabin equipment and kind of drive unit. The aggregates of the superstructure are driven by PTO. The superstructure frame is made of galvanised and painted hollow sections. It is covered with a galvanised and painted sheet. The tank and the outlet pipe are equipped with a level gauge and an inspection aperture for easy cleaning, disinfection and inspection. For filling, it is equipped with a quick-acting "C" coupling and an overflow air-outlet. The water is pumped into the airplane through a filter. The superstructure is thermally insulated with expanded polystyrene.



Potable water tank (litres)	Used water tank (litres)	Pump capacity (litres)	Superstructure weight (kg)
1000	500	25	950

Tanks quantity and their volume can be modified according to customer requirements



This product meets the EN 12312-12+A1 standard



Rear wide platform.



Backview kamera.



The top wall is covered with an aluminium sheet with slip-resistant treatment.



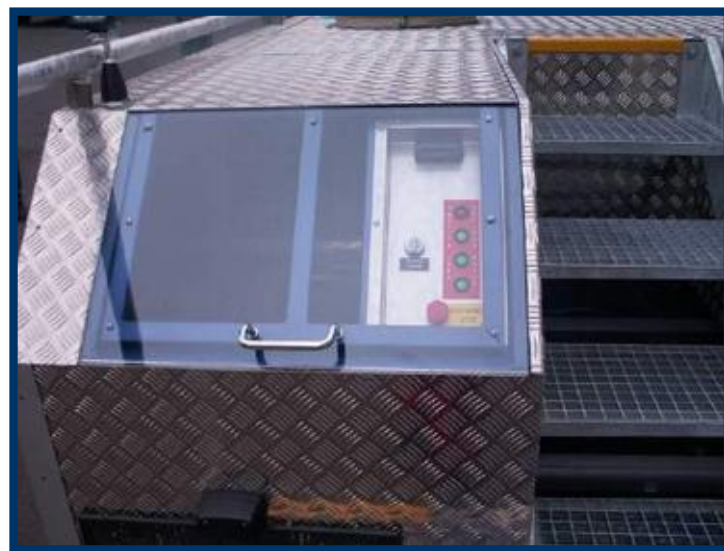
Stainless tubing, fittings and hoses with couplings.





### Optional equipment

- Diesel or petrol engine
- Battery charger
- Temperature measurement
- Independent Webasto heating system





# ZODIAC EQUIPMENT

POTABLE WATER TRUCK  
PWT1050

## Optional versions

All dimensions can be changed on customer demand.



Ladder or lifting platform.



Superstructure for selectable truck chassis.



# ZODIAC EQUIPMENT

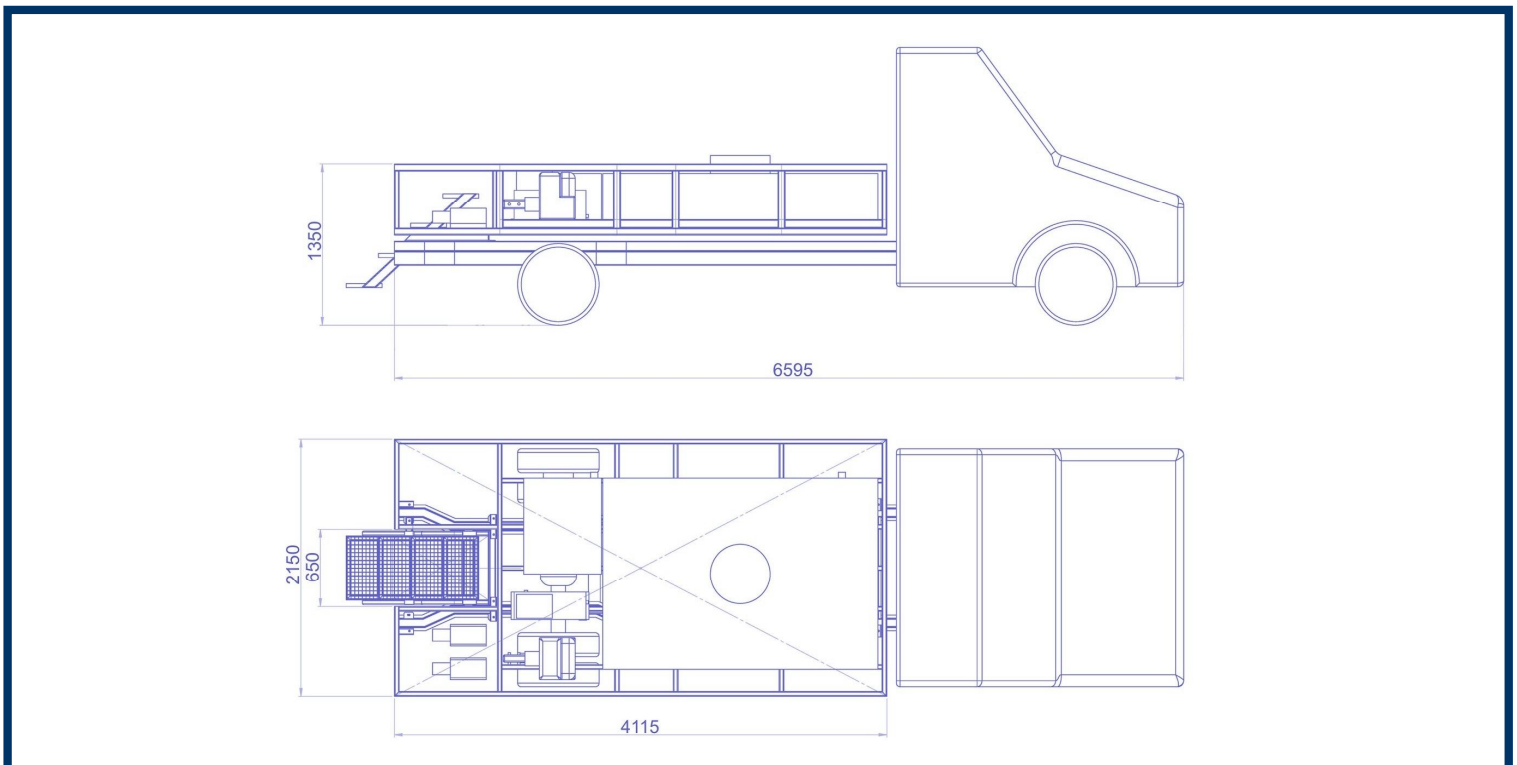
POTABLE WATER TRUCK  
PWT1820

A suitable lorry chassis is chosen and offered to the customer according to the required size of the tank, superstructure equipment, cabin equipment and kind of drive unit. The aggregates of the superstructure are driven by PTO. The superstructure frame is made of galvanised and painted hollow sections. It is covered with a galvanised and painted sheet. Tanks are equipped with a level gauge and an inspection aperture for easy cleaning, disinfection and inspection. For filling, it is equipped with a quick-acting "C" coupling and an overflow air-outlet. The water is pumped into the airplane through a filter. The superstructure is thermally insulated with expanded polystyrene.



Potable water tank (litres)	Used water tank (litres)	Pump capacity (litres/min)	Superstructure weight (kg)
1800	200	55	1250

Tanks quantity and their volume can be modified according to customer requirements



This product meets the EN 12312-12+A1 standard



# ZODIAC EQUIPMENT

POTABLE WATER TRUCK  
PWT1820

Control panels on rear side of superstructure.



Steps for easy access to the top of superstructure with bottom part removable for transport on public roads.



Stainless tubing, fittings and couplers.



The top wall with manholes with selectable diameter for tank's cleaning and inspecting is covered with aluminium sheet with slip-resistant treatment.





### Optional equipment

- Diesel or petrol engine
- Battery charger
- Temperature measurement
- Independent Webasto heating system
- Automatic hose reel





# ZODIAC EQUIPMENT

POTABLE WATER TRUCK  
PWT1820

## Optional versions

All dimensions can be changed on customer demand.



Ladder or lifting platform.



Superstructure for selectable truck chassis.



# ZODIAC EQUIPMENT

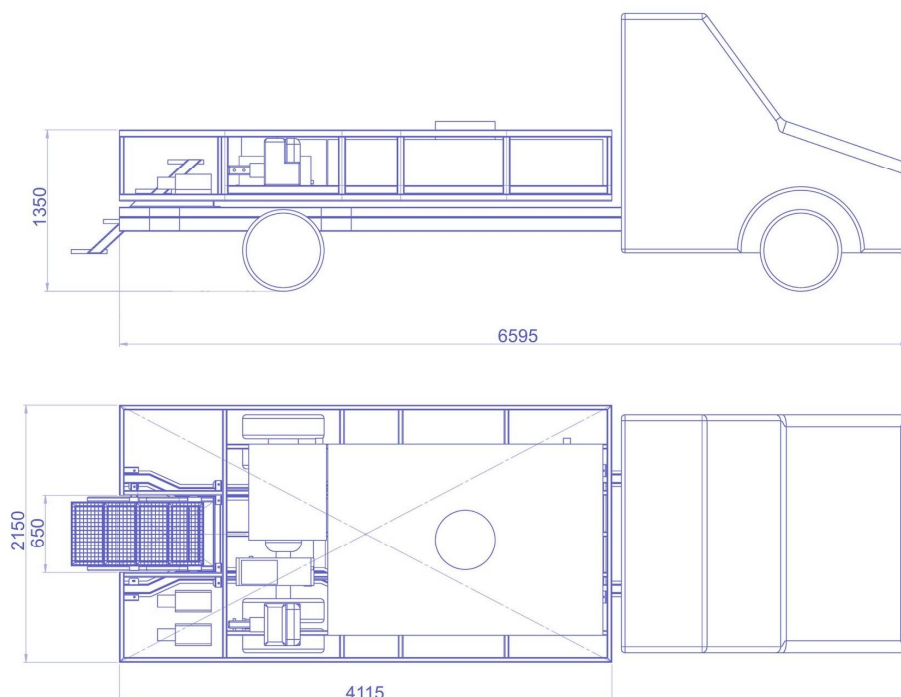
TOILET SERVICE TRUCK  
TST1820

A suitable lorry chassis is chosen and offered to the customer according to the required size of the tank, superstructure equipment, cabin equipment and kind of drive unit. The aggregate of the superstructure is driven by PTO. The superstructure frame is made of galvanised and painted hollow sections. It is covered with a galvanised and painted sheet. Tanks are equipped with a level gauge and an inspection aperture for easy cleaning, disinfection and inspection. The superstructure is thermally insulated with expanded polystyrene.



Waste tank (litres)	Rinse tank (litres)	Pump capacity (litres/min)	Superstructure weight (kg)
1800	200	55	1350

Tanks quantity and their volume can be modified according to customer requirements



This product meets the EN 12312-13+A1 standard



# ZODIAC EQUIPMENT

TOILET SERVICE TRUCK  
TST1820

Control panels on rear side of superstructure.



Steps for easy access to the top of superstructure with bottom part removable for transport on public roads.



Unit is equipped with manual pump for emergency use.



The top wall with manholes with selectable diameter for tank's cleaning and inspecting is covered with aluminium with slip-resistant treatment. 4m waste hose with 4" coupler





### Optional equipment

- Vacuum pump with automatic switch off when tank is full
- Diesel or petrol engine
- Battery charger
- Temperature measurement
- Independent Webasto heating system
- Automatic hose reel





# ZODIAC EQUIPMENT

TOILET SERVICE TRUCK  
TST1820

## Optional versions

All dimensions can be changed on customer demand.



Ladder or lifting platform.



Superstructure for selectable truck chassis.





Our pallet and container trailers have been designed in close co-operation with local handling companies and airlines. Trailers offer a long-lasting reliability, easy operation and low maintenance costs. Chassis made out of welded steel profiles. Fully hot-dip zinc galvanized. Side or end loading. 360 degrees rotated cargo platform with locks every 90 degrees available. Cargo rollers Ø76 mm are 380mm long. Automatic end backstops and other optional modifications available.



**Please scroll down or follow bookmarks to our trailers brochures**



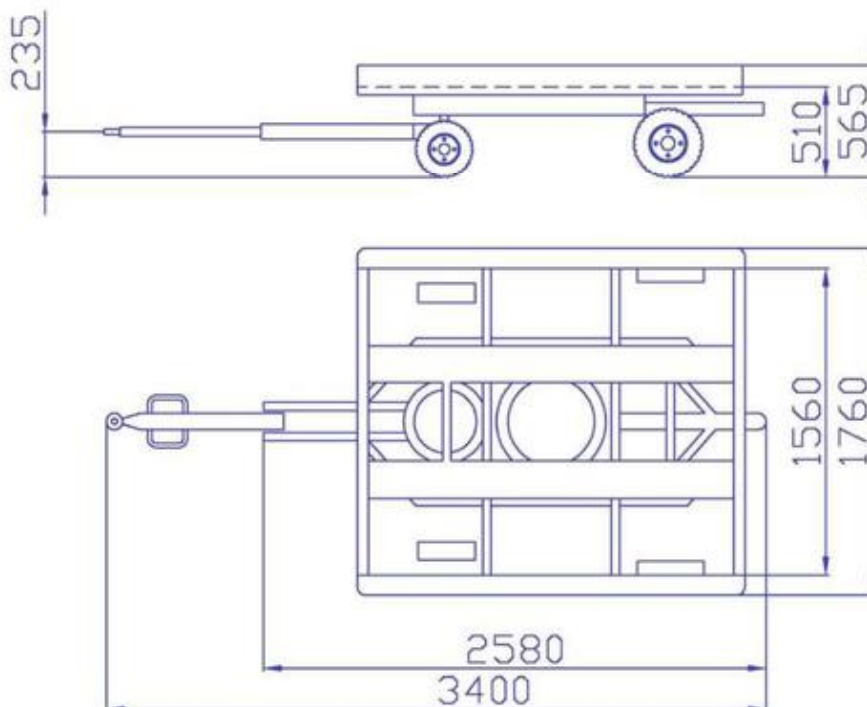
This pallet and container trailer has been designed in close co-operation with local handling companies and airlines. It offers a long-lasting reliability, easy operation and low maintenance costs.

- Chassis made out of welded steel profiles.
- Heavy duty freight pallet dolly for transporting airline pallets and containers
- Suitable for standard containers LD-1/LD-3, LD-2.
- Fully hot-dip zinc galvanized.
- 360° turntable platform.



Loading platform size (mm)	Payload (kg)	Weight (kg)	Max. towing speed (km)
1860 x 1560	1600	480	25

Platform size and its payload can be modified according to customer requirements

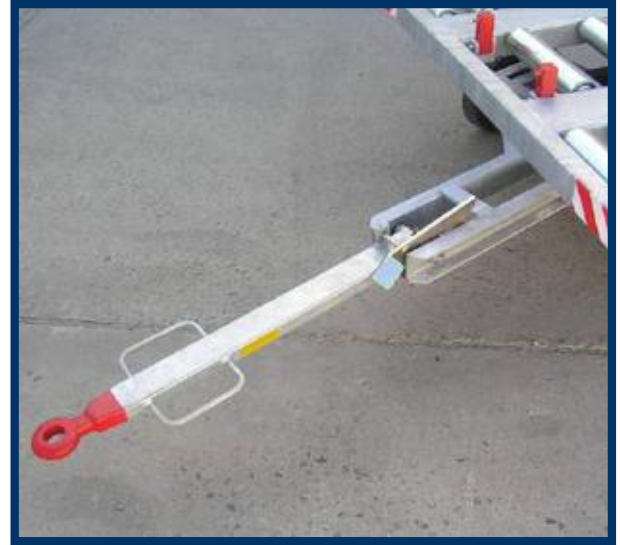


This product meets the EN 12312-11+A1 standard

# ZODIAC EQUIPMENT

## PALLET AND CONTAINER TRAILER PCK 1600

The trailer is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Cargo platform mounted on turntable.



Loading area can be modified for loading of the LD8 with the maximum service load 2500 kg.

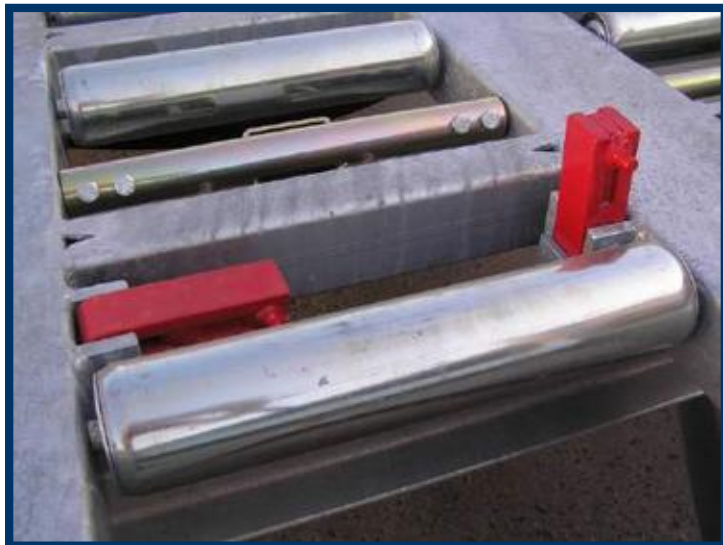
360 degrees rotated cargo platform with locks every 90 degrees.



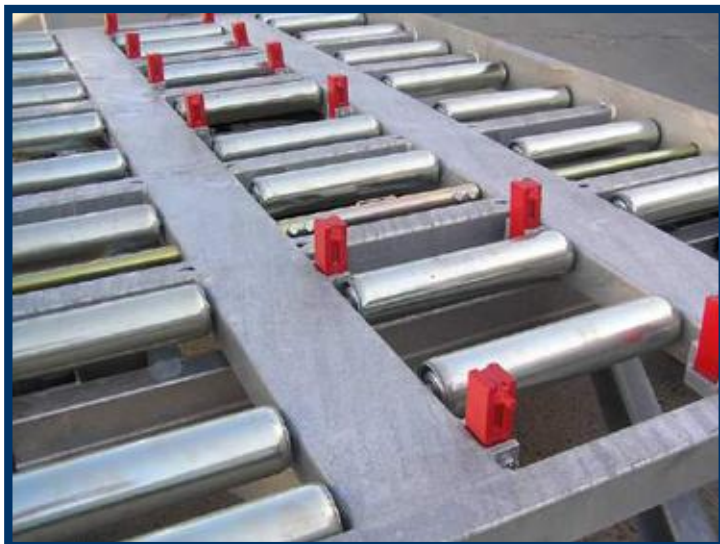


# ZODIAC EQUIPMENT

## PALLET AND CONTAINER TRAILER PCK 1600



Manually operated ULD stops.



Cargo-rollers 76x380 mm in 3 lines.

Automatic end backstops and other optional modifications available.



All versions operable within temperature range from -30°C to +45°C





Wheels (all with ball bearing hubs and solid rubber tires)  
front 2 x 4.00-4, rear 2 x 4.00-8.



Front axle with turntable steering, rear axle is fixed.

E-type manual spring-loaded tow hitch.  
Rockinger as option available.



### Transport arrangement

Wheels may need to be removed for transport if trailers  
size was modified



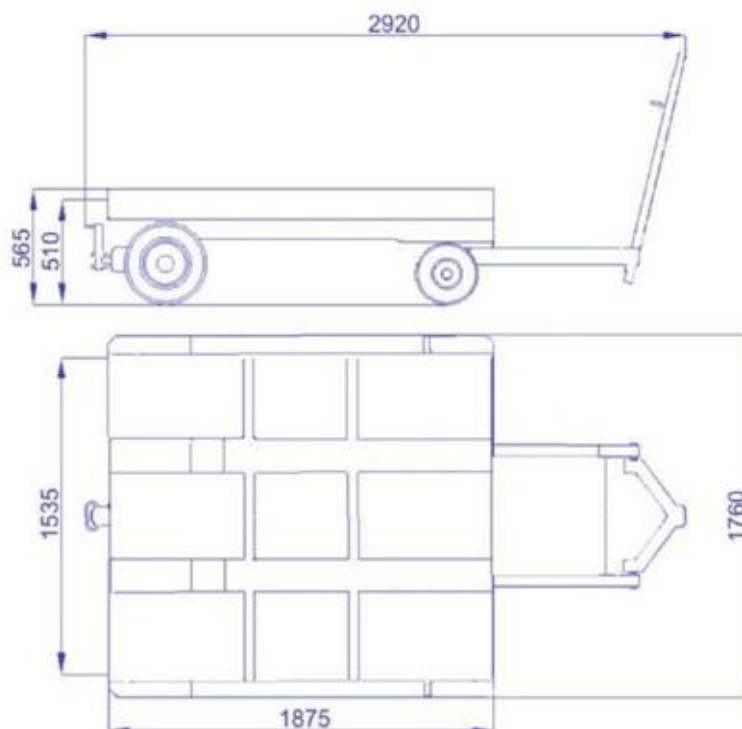
This pallet and container trailer has been designed in close co-operation with local handling companies and airlines. It offers a long-lasting reliability, easy operation and low maintenance costs.

- Chassis made out of welded steel profiles.
- Heavy duty freight pallet dolly for transporting airline pallets and containers
- Suitable for standard containers LD-1/LD-3, LD-2.
- Fully hot-dip zinc galvanized.
- 360° turntable platform.



Loading platform size (mm)	Payload (kg)	Weight (kg)	Max. towing speed (km)
1875 x 1535	1600	580	25

Platform size and its payload can be modified according to customer requirements



This product meets the EN 12312-11+A1 standard

The trailer is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Cargo platform mounted on turntable.



360 degrees rotated platform with locks every 90 degrees.





Cargo-rollers 76x380 mm in 2 lines.



Automatic end backstops ...



... foldable by pedals located on opposite side of platform.



Wheels with solid rubber tires. Manual spring-loaded tow hitch. Rockinger as option available.



Front axle with turntable steering, rear axle is fixed.



### Transport arrangement

Trailers fixed in blocks of 5 pieces allow transport up to 35 pieces in semi trailer or 40 pieces in truck with trailer.



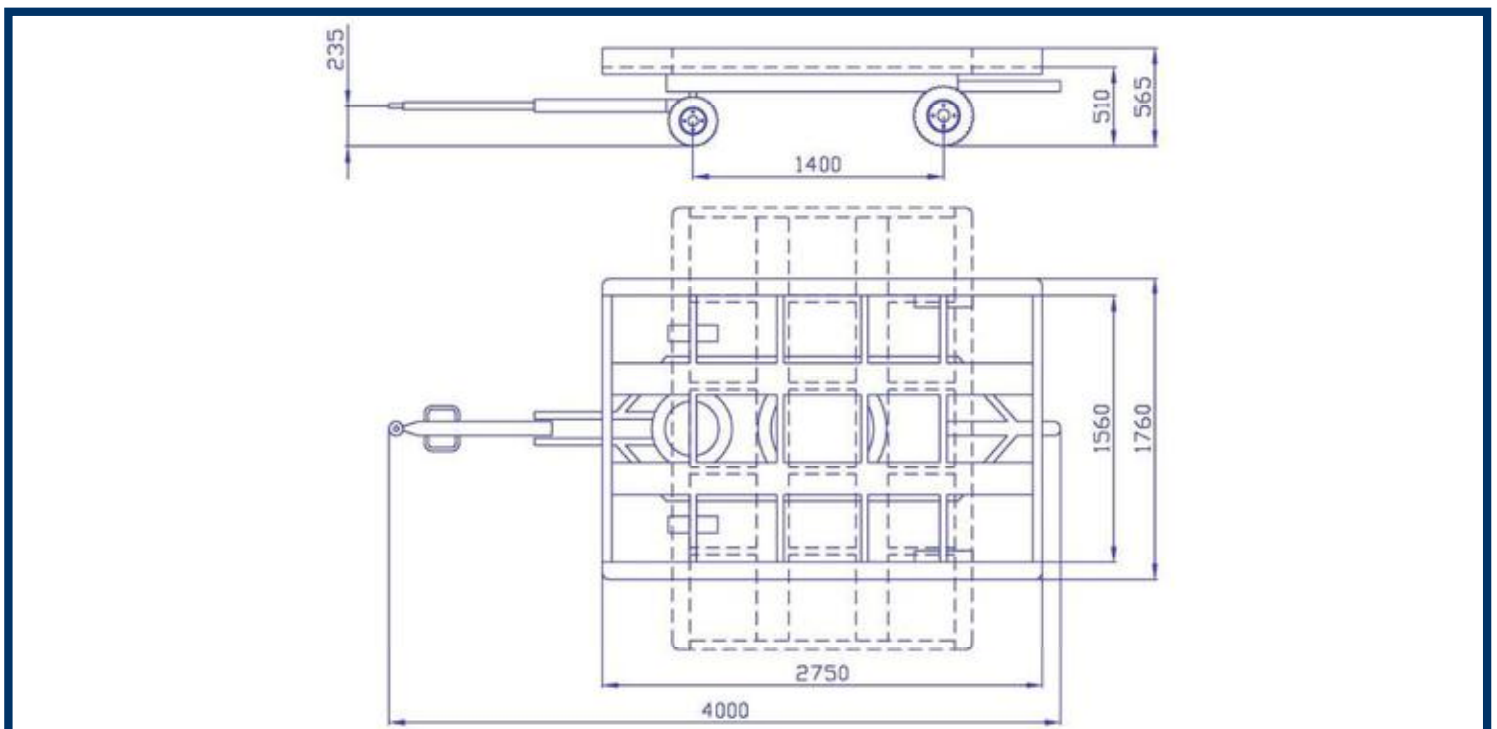
This pallet and container trailer has been designed in close co-operation with local handling companies and airlines. It offers a long-lasting reliability, easy operation and low maintenance costs.

- Chassis made out of welded steel profiles.
- Heavy duty freight pallet dolly for transporting airline pallets and containers
- Suitable for standard containers LD-1/LD-3, LD-2, LD-4 and LD-8
- Fully hot-dip zinc galvanized.
- 360° turntable platform.



Loading platform size (mm)	Payload (kg)	Weight (kg)	Max. towing speed (km)
2700 x 1560	2500	660	25

Platform size and its payload can be modified according to customer requirements



This product meets the EN 12312-11+A1 standard

The trailer is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Cargo platform mounted on turntable.

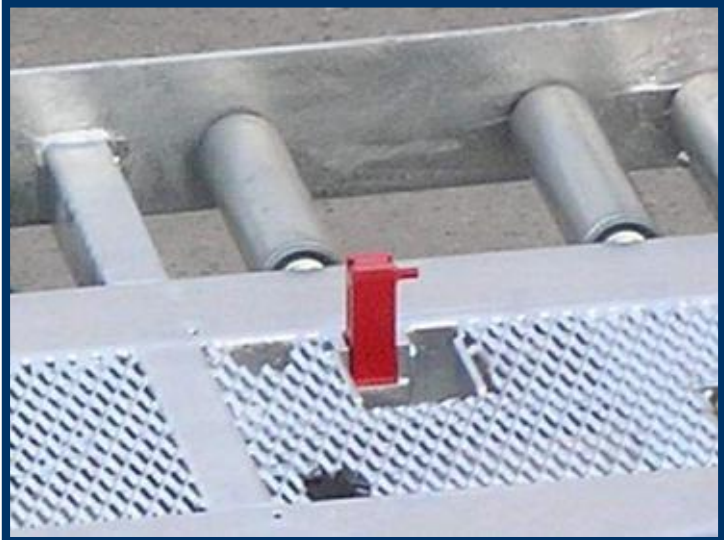


360 degrees rotated cargo platform with locks every 90°





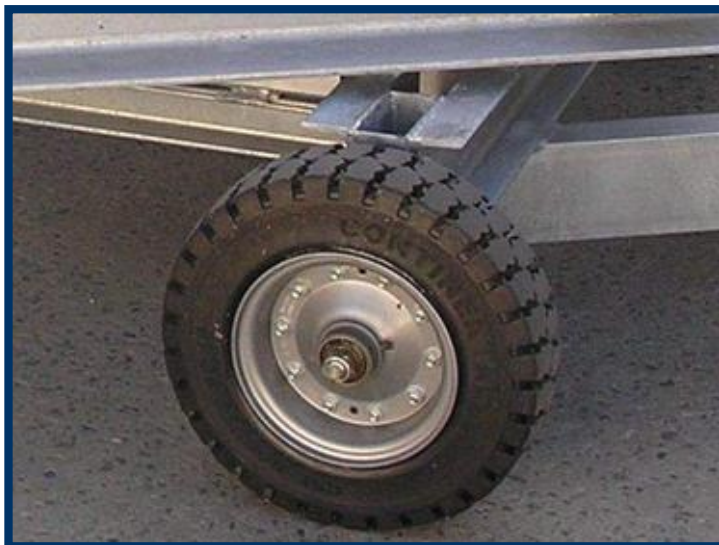
Manually operated ULD stops.



Cargo-rollers 76x380 mm in 2 lines.



Wheels (all with ball bearing hubs and solid rubber tires)  
front 2 x 4.00-4, rear 2 x 4.00-8.



Front axle with turntable steering, rear axle is fixed.

E-type manual spring-loaded tow hitch.  
Rockinger as option available.



**Transport arrangement**

Wheels need to be removed for transport.



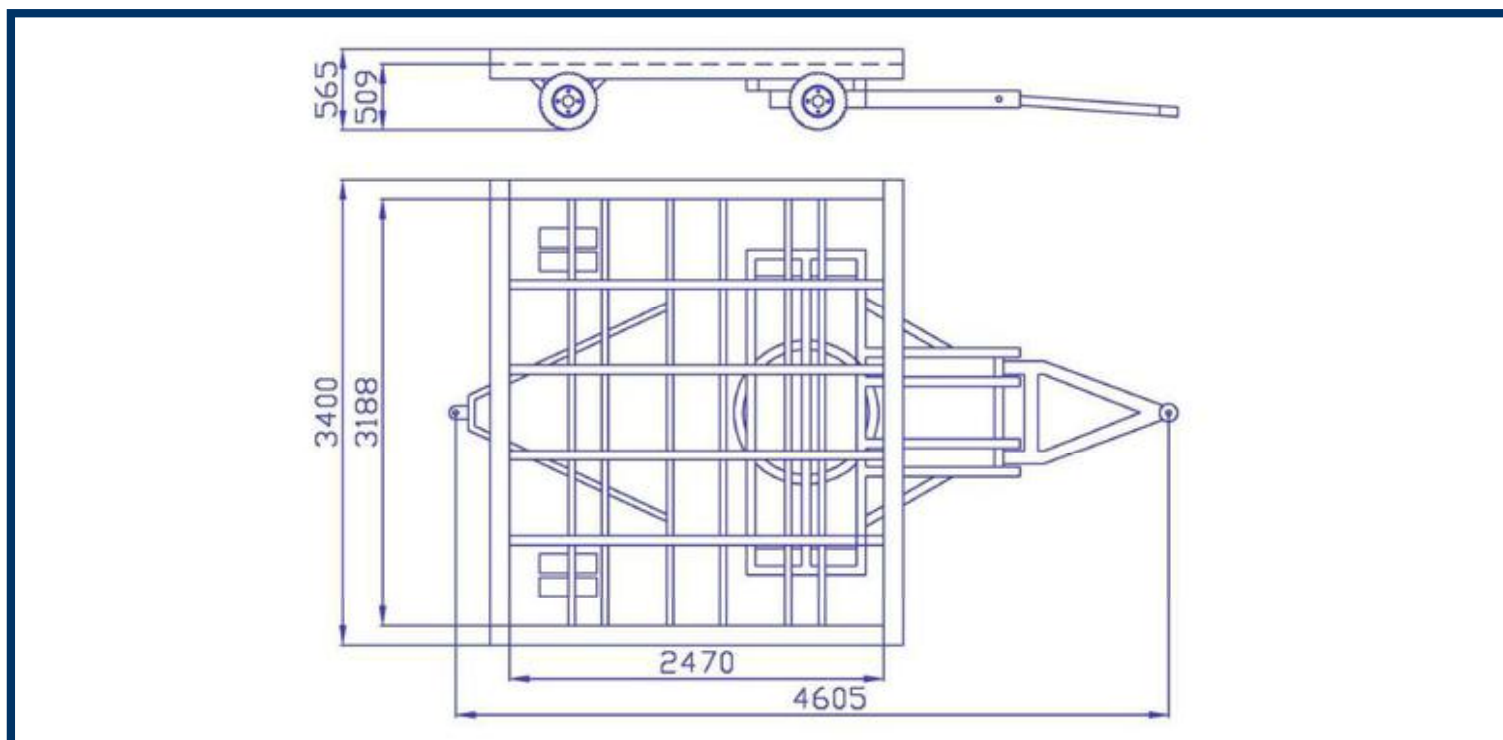
This container and pallet trailer has been designed in close co-operation with local handling companies and airlines. It offers a long-lasting reliability, easy operation and low maintenance costs.

- Chassis made out of welded steel profiles
- Heavy duty freight pallet dolly for transporting airline pallets and containers
- Suitable for standard pallets 125" x 96", 125" x 88", 108" x 88" and containers LD-7, LD-9, LD-29, LD-26, LD-8, LD-6, LD-11, 2x LD-1/LD-3, (other stops available)
- ULD stops manually operated by handles are situated on both sides of the trailer
- Hot-dip galvanized



Loading platform size (mm)	Payload (kg)	Weight (kg)	Max. towing speed (km)
3180 x 2470	7000	1060	25

Platform size and its payload can be modified according to customer requirements



This product meets the EN 12312-11+A1 standard

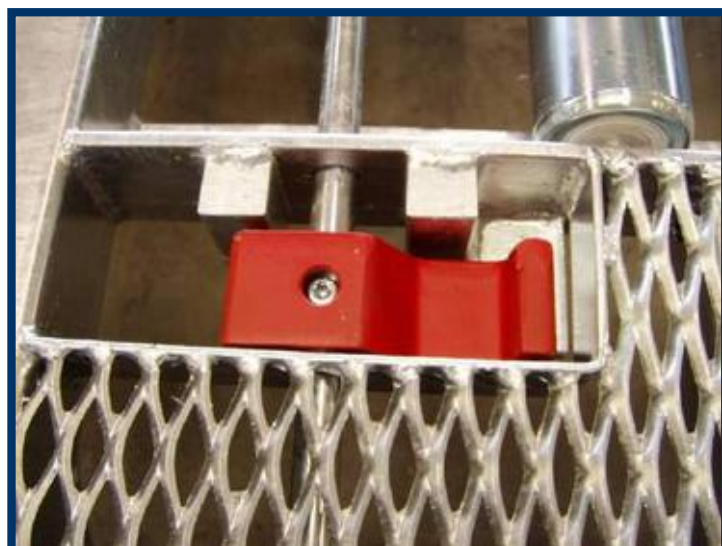
# ZODIAC EQUIPMENT

## CONTAINER AND PALLET TRAILER PCK 7000

The trailer is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



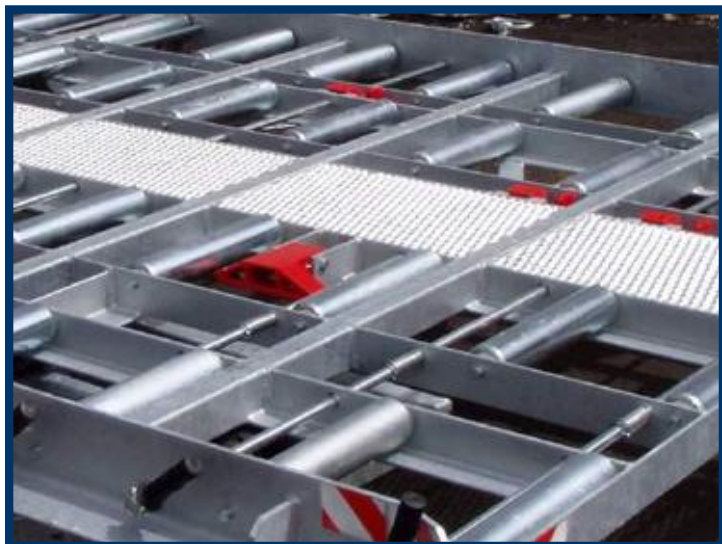
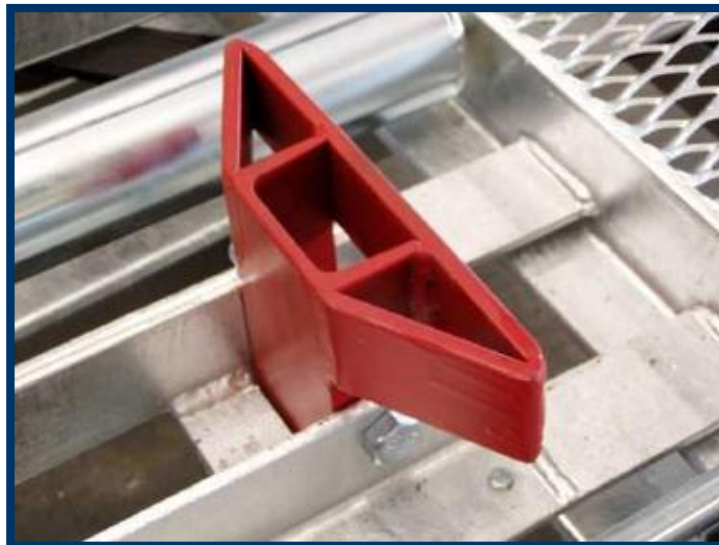
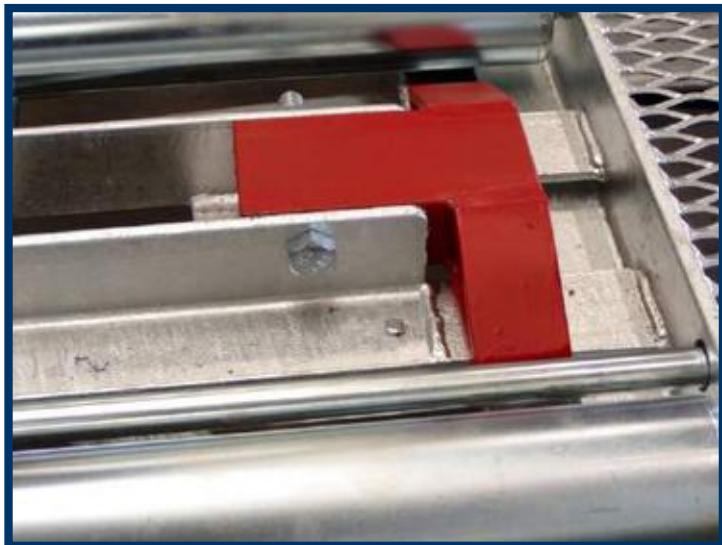
ULD stops manually operated by handles are situated on both sides of the trailer.





# ZODIAC EQUIPMENT

CONTAINER AND PALLET TRAILER  
PCK 7000



Cargo-rollers 76x380 mm in 4 lines.

8x wheels with super elastic solid rubber tyres.



Front axle with turntable steering, rear axle is fixed.



E-type manual  
spring-loaded tow hitch.

Rockinger as option  
available.



### Transport arrangement

Up to 16 pieces can be transported by tandem vehicle.





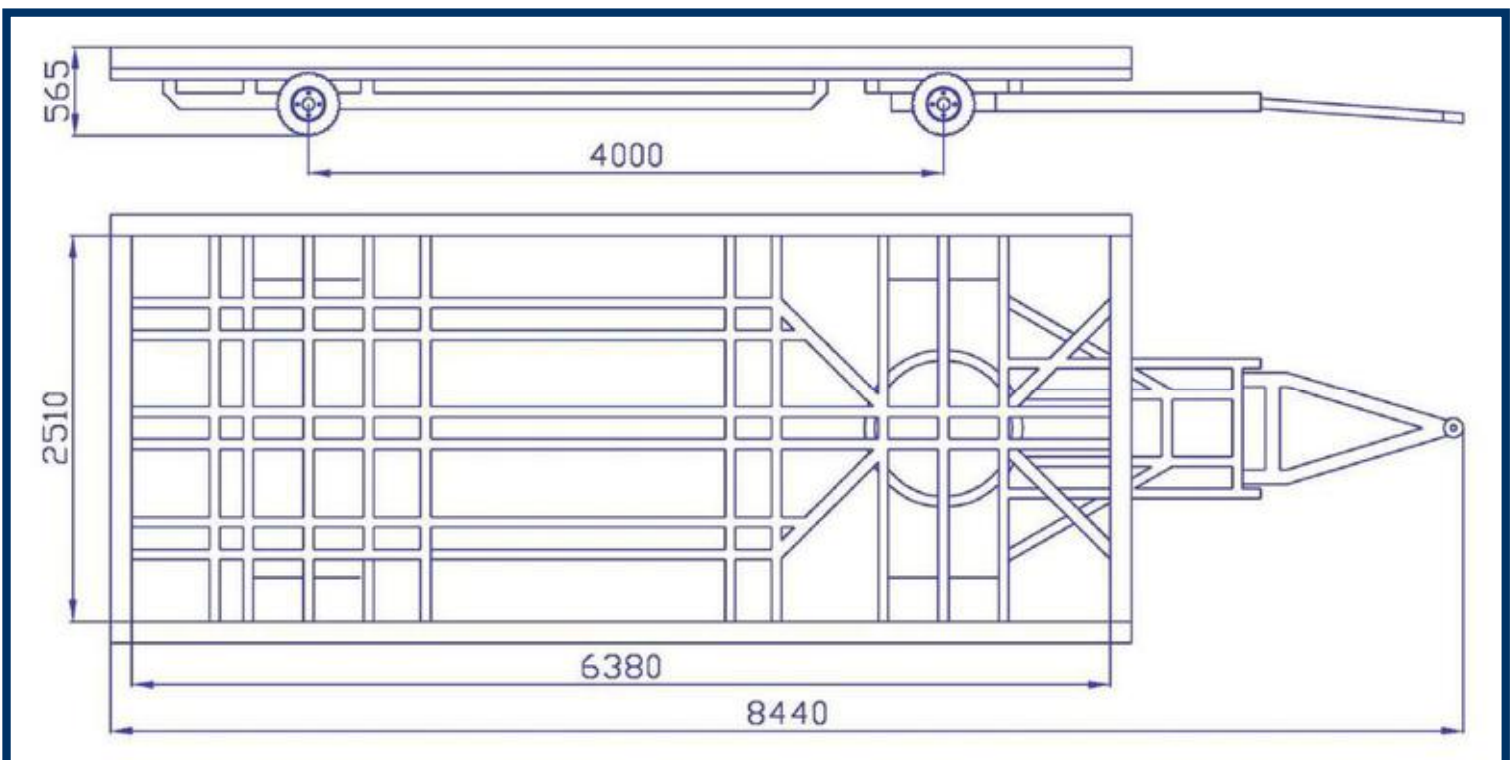
These pallet and container trailers have been designed in close co-operation with local handling companies and airlines. Trailers offer a long-lasting reliability, easy operation and low maintenance costs.

- Heavy duty freight trailer for transport of aircraft pallets and containers
- Can carry 2x 96"x125" pallets, 1x 93"x240", 4x LD3 or 5x LD2 (other stops available)
- Chassis made out of welded steel profiles
- Fully hot-dip zinc-galvanized
- Side or end loading



	Loading platform size (mm)	Payload (kg)	Weight (kg)	Max. towing speed (km)
PCT 1420	6380 x 2510	14000	2550	25
PCT 2020	6380 x 2510	20000	2780	25

Platform size and its payload can be modified according to customer requirements



This product meets the EN 12312-11+A1 standard

# ZODIAC EQUIPMENT

## PALLET AND CONTAINER TRAILERS PCT 1420 & PCT 2020

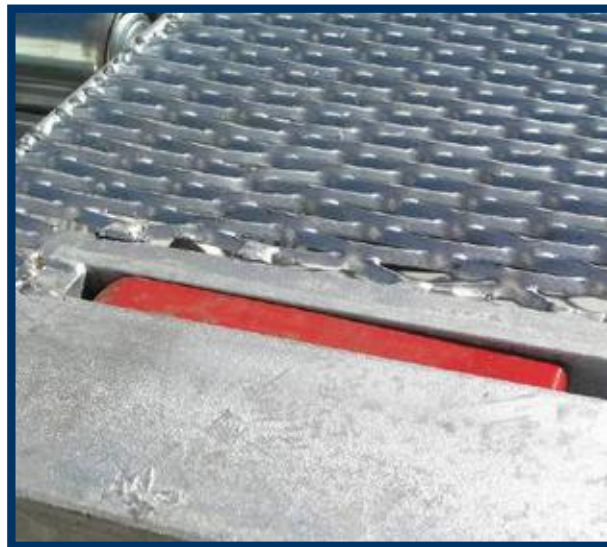
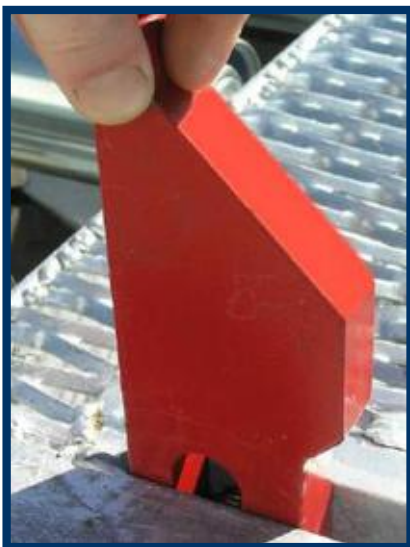
The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Manually operated ULD stops are situated on both sides of trailer.







ULD stops.



Cargo rollers  $\varnothing 76$  mm are 380mm long.





# ZODIAC EQUIPMENT

PALLET AND CONTAINER TRAILERS  
PCT 1420 & PCT 2020

Wheels with steel rims and solid rubber super-elastic tyres.



Front axle with turntable steering, rear axle is fixed.

Side or end loading versions available.



## Transport arrangement

Vertical position allows transporting without oversize cargo permit.





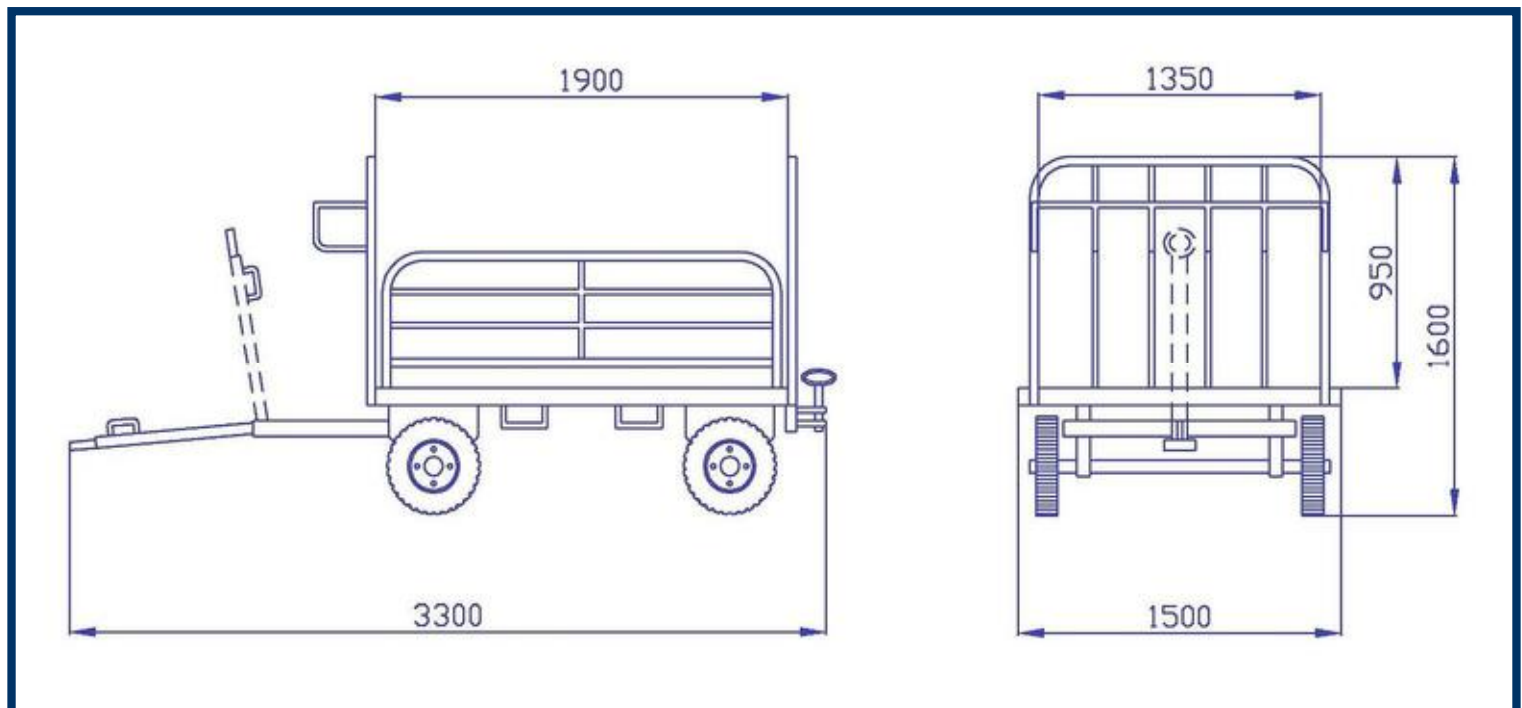
This baggage handling trolley has been designed in close co-operation with local handling companies and airlines. The trolley offers a long-lasting reliability, easy operation and low maintenance costs.

- Chassis made out of welded steel profiles.
- Sidewalls railed and hinged on both sides.
- Loading platform made out of 2 waterproof plywood boards, V shaped, with gap in centre for escape of precipitation water.
- Fully hot-dip zinc-metallized, or painted.
- The drawbar has an eye 40 mm in diameter, and the rear hand operated hitch 30 mm in diameter.
- Front axle steered by turntable steering, rear axle fixed.



Loading platform size (mm)	Payload (kg)	Weight (kg)	Max. towing speed (km)
1350 x 1900	1600	400	25

Platform size and its payload can be modified according to customer requirements



This product meets the EN 12312-11+A1 standard

The chassis is equipped with a parking brake actuated by lifting and locking the drawbar in the upright position.



Manual self-locking E-type spring-loaded tow-hitch.  
Rockinger tow-hitch available.



### Optional versions and equipment

- Blue tarps as a standard, other colours on demand
- Extended version
- Enclosed cage frame
- Fully enclosed structure





# ZODIAC EQUIPMENT

BAGGAGE TROLLEY  
BDK 1520



### Transport arrangement

Since the construction allows removal of the end panels, 30 pieces can be loaded on 1 megatruck and 28 trailers in a standard 40-ft container.



Each panel can be easily reassembled and fastened by 2 bolts.





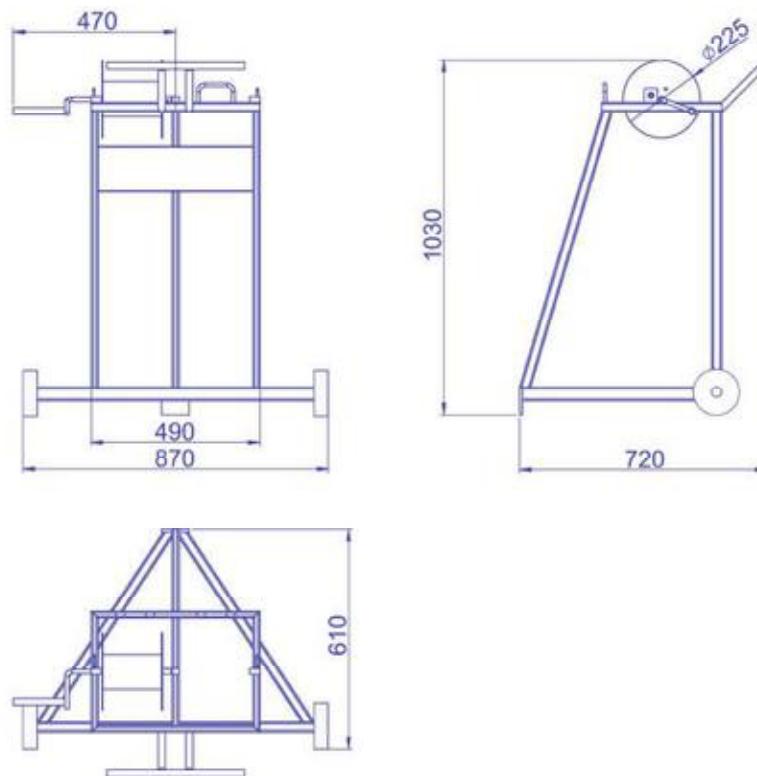
# ZODIAC EQUIPMENT

## PASSENGER INTEGRATED GUIDANCE SYSTEM PIGS

This passenger guidance system is a solid and safe solution that guides passengers when embarking and disembarking the aircraft. It ensures that unsafe underwing areas are kept clear. This PIGS has a high visibility finish and features retractable straps with a hand winding mechanism to allow easy deployment to any webbing length. The PIGS can be located, then extended in two directions and connected on the stairs to make a high visibility line barrier. All-weather steel frame.



Webbing length (m)	Weight (kg)	Height (mm)	Side wind stability (knots)
20 - 50	30	1030	45

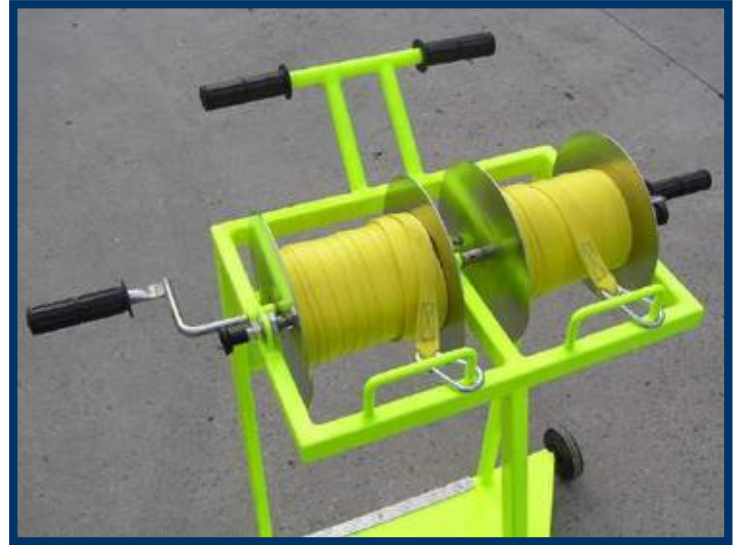
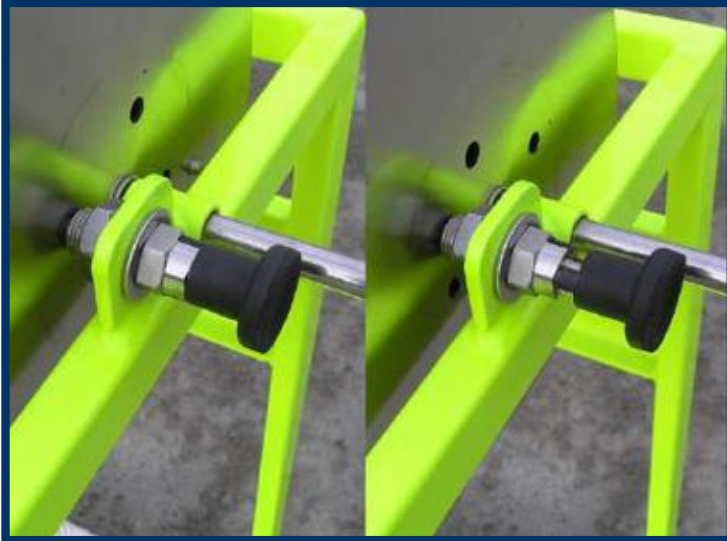


This product meets the EN 12312+A1 standard

# ZODIAC EQUIPMENT

## PASSENGER INTEGRATED GUIDANCE SYSTEM PIGS

Robust stainless steel reel drums to retract webbing in two directions.



Simple locking system to tension webbing barrier.

2 high visibility yellow straps create a physical barrier to restrict passenger access. Harness can be extended to any length according to individual requirements. Compact, easy to move unit. Requires one person to operate only.



Stainless steel or plastic connectors.





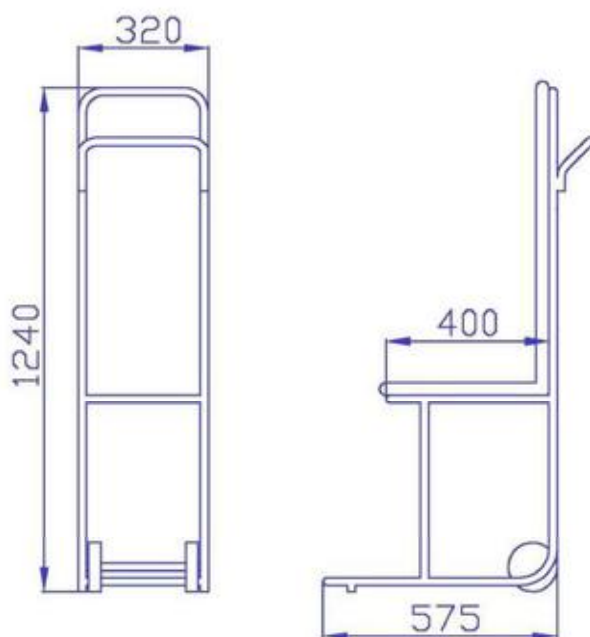
This wheelchair has been designed in close co-operation with local handling companies and airlines. It offers a long-lasting reliability and easy operation.

Our Airchair is an on board aircraft wheelchair designed to transfer passengers, unable to walk, to their seats in an aircraft. Some corridors inside aircraft are as small as 350mm wide and conventional wheelchairs are too wide to pass through. Therefore passengers arriving to the aircraft in a conventional wheelchair are transferred to the Airchair for the short distance to their seat.



Seat size (mm)	Max. seat load (kg)	Weight (kg)
400x320	200	16

Modifications can be made according to customer requirements



This product meets the EN 12312-14+A1 standard

# ZODIAC EQUIPMENT

## AIRCRAFT ON BOARD WHEELCHAIR AIRCHAIR



The structure is made of steel profiles, footplate is covered with aluminum sheet with non-slip finish.



Seat and backrest are upholstered. The chair is equipped with a safety belt.

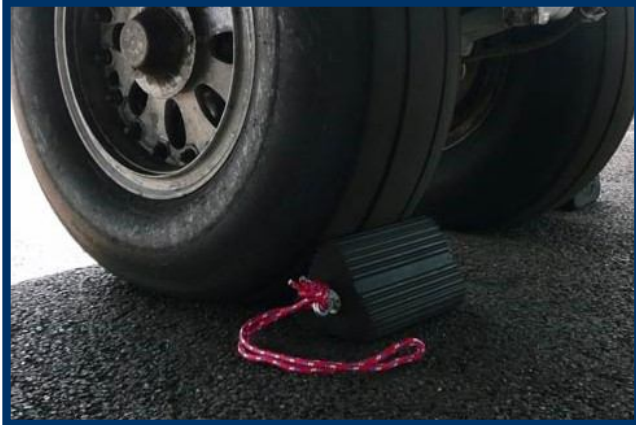




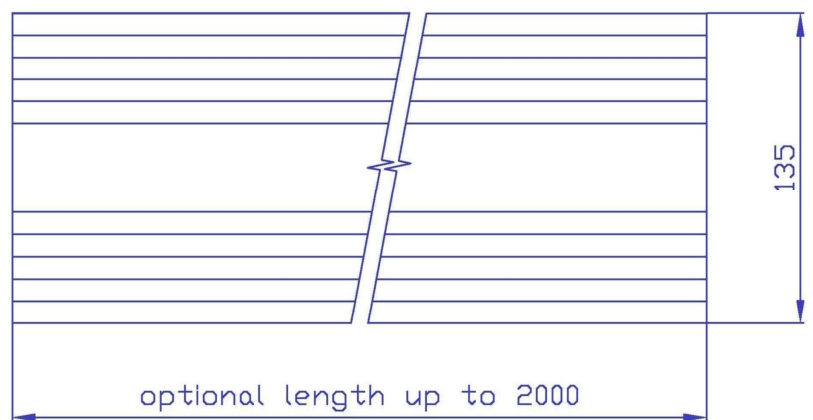
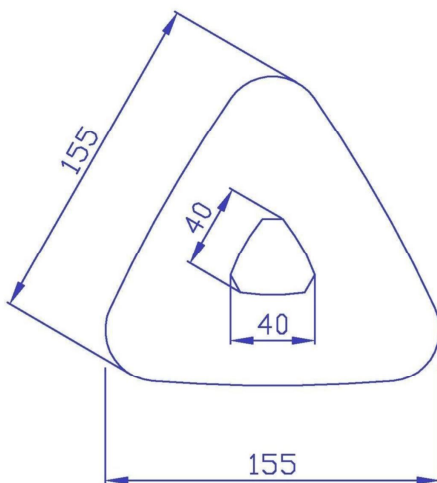
# ZODIAC EQUIPMENT

## SOLID RUBBER WHEEL CHOCKS

Aircraft rubber wheel chocks, which are designed to prevent an aircraft from rolling when they are not in use. These aircraft chocks are designed using the solid rubber profile. This material is ideal for applications requiring strength and durability.



Side width (mm)	Height (mm)	Length (mm)	Weight (kg/mm)
155	135	up to 2000	1,5 / 100



This product meets the EN 12312+A1 standard

# ZODIAC EQUIPMENT

## SOLID RUBBER WHEEL CHOCKS

Since the body of wheel chocks is cut from profile 2 metres long, its length is fully customizable. Safety stickers on all 3 facets with colour of your choice can be secured by bolts.



Rubber profile with with rope and handle.



2 pieces connected into a pair by rope and with metal stoppers.







Chocks with rope, aluminium tube and reflecting stripes on all 3 facets.



2 pieces connected into a pair by solid steel frame.



Wheel chocks can be transported on standard 120 x 120 pallet. 100 pcs fills the pallet up to 100 cm for example.

