ALTEC

Bridge plates

made of steel and aluminium

ALTEC GmbH Singen

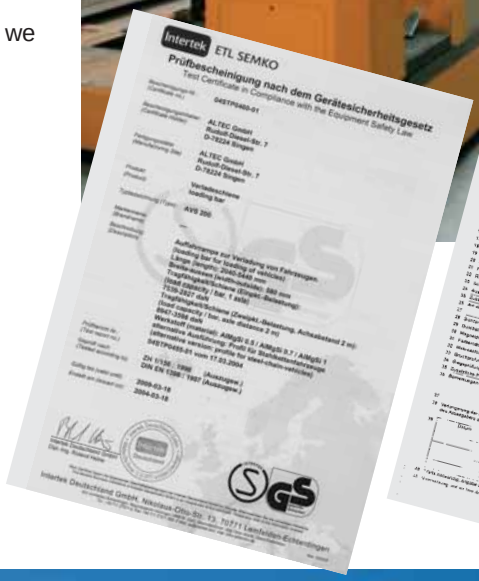
ALTEC GMBH
An innovative company from an innovative country.

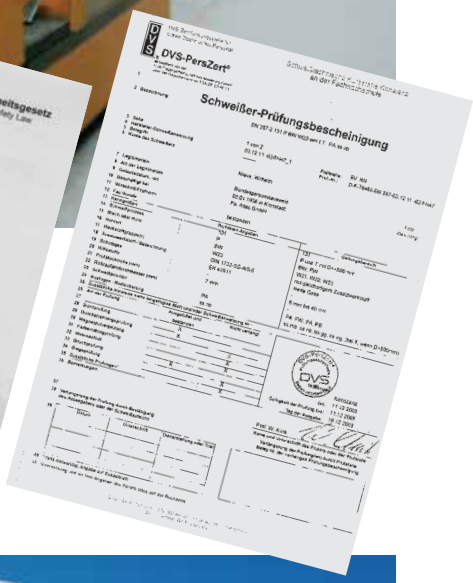
Altec is a well established, medium sized manufacturing company situated in the south of Baden Wurttemberg close to Lake Konstanz and the Swiss border.

For every loading situation there is a correct solution. Only Altec have a product range wide enough to suit most applications. If you can't find what you need we will design and manufacture the best solution for you.

At Altec we believe the most important factors are experience, cost and safety. All of our products are certified and agree with the rules laid down by our chamber of commerce.

From design to production we offer top quality, **made in Germany!**





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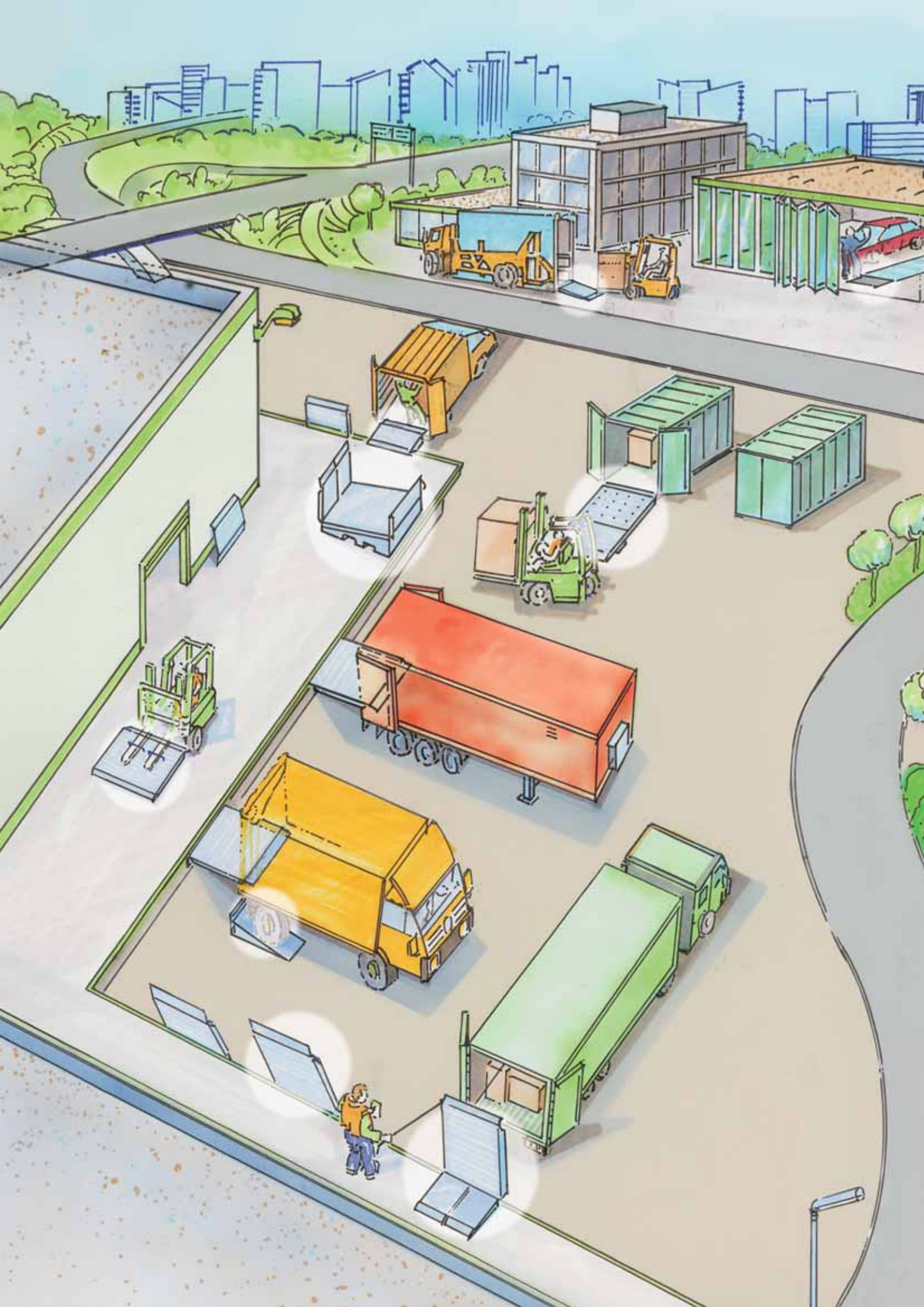
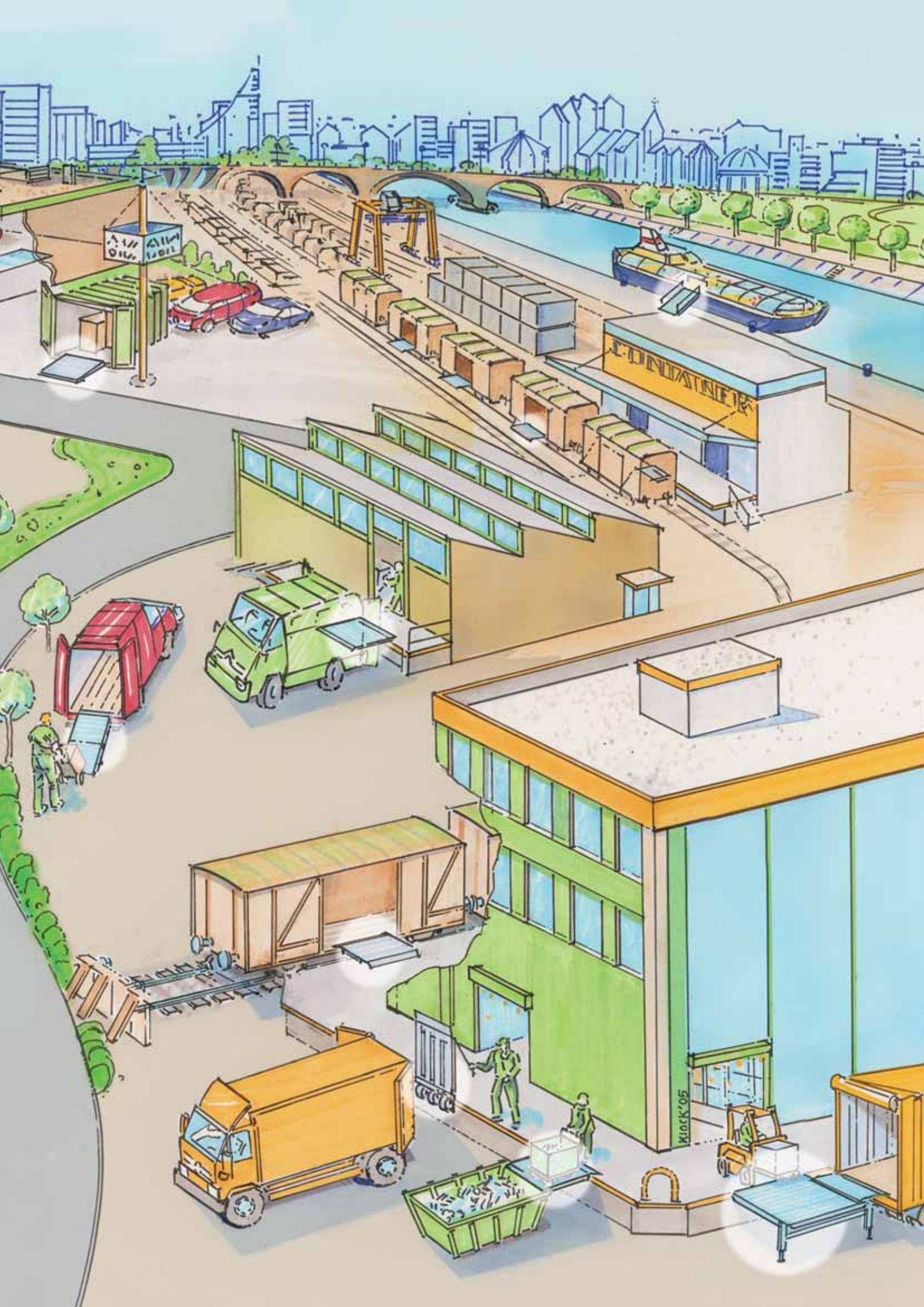


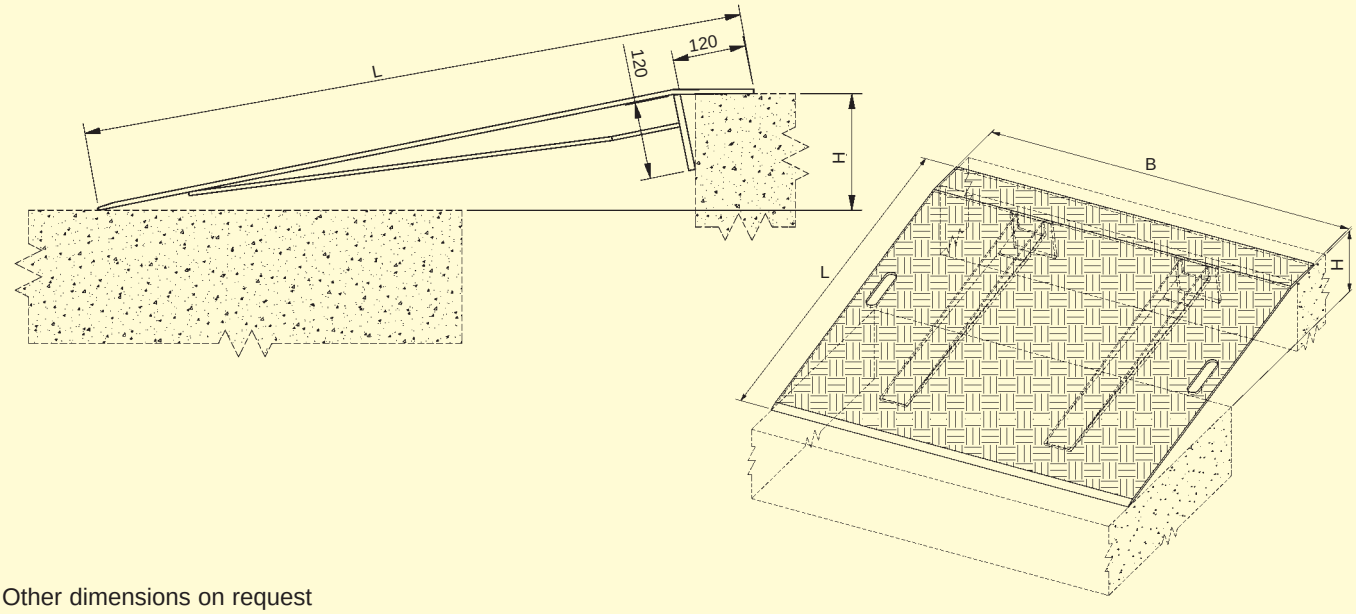

CONTAINER
Klack'05

Type AWB

AWB bridge plates are fabricated from aluminium plate with a five-bar tread anti-slip surface. Designed for loading and unloading with sack trucks, pump trucks and roll cages.

Features:
- easy transport
- non slip surface
- light weight
- integral handles
- weather resistant
- low cost

Type	Order Code	Length L (mm)	Width B (mm)	Height Difference H (mm) min.	Height Difference H (mm) max.	Capacity (kgs/ea)	Weight (kgs/ea)
AWB 508	307.00.000	750	1250	0	+ 100	600	20
AWB 510	307.00.001	1000	1250	+ 50	+ 125	600	26
AWB 512	307.00.002	1200	1250	+ 60	+ 150	600	30
AWB 515	307.00.003	1500	1250	+ 80	+ 190	600	40
AWB 518	307.00.004	1800	1250	+ 100	+ 225	600	47
AWB 1008	307.00.005	750	1250	+ 30	+ 100	1200	24
AWB 1010	307.00.006	1000	1250	+ 50	+ 125	1200	30
AWB 1012	307.00.007	1200	1250	+ 60	+ 150	1200	37
AWB 1015	307.00.008	1500	1250	+ 80	+ 190	1200	47
AWB 1018	307.00.009	1800	1250	+ 100	+ 225	1200	57
	307.00.030	Transport wheels					4
	307.00.010	Transport trolley for Length 1500 mm and 1800 mm					18



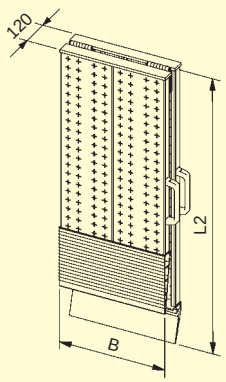
Other dimensions on request

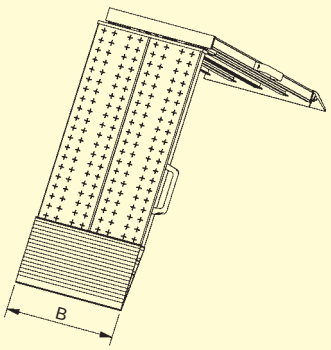
Type AOS-F

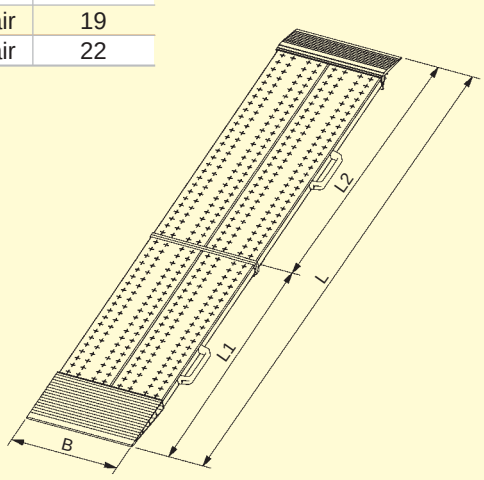
Ideal for loading small wheel containers such as Danish trolleys and flight cases. Available as one wide ramp or a more versatile pair. Easy to handle and store.
The non slip surface guarantees safe use.

Other dimensions on request

Type	Order Code	Length L (mm)	Width B (mm)	L1 (mm)	L2 (mm)	Height Diff. 20% (mm)	Capacity (kgs)	Weight (kgs/ea)
AOS-F	081.55.024	2000	800	940	1105	400	400/each	32
AOS-F	081.55.025	2000	400	940	1105	400	400/pair	16
AOS-F	081.55.026	2500	400	1185	1350	500	400/pair	19
AOS-F	081.55.027	3000	400	1430	1515	600	400/pair	22







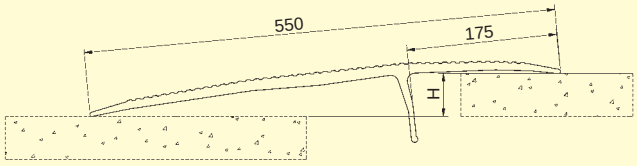
Type HFB 55
Type HFB 60

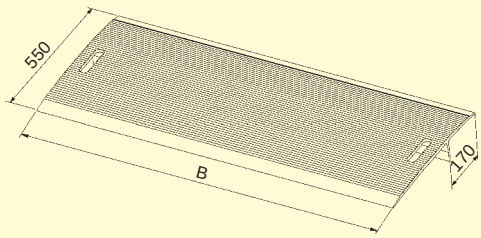
Both of these types of ramp are designed for use where there is a very small difference in levels. They are fabricated from one Aluminium profile. The plates are easy to handle and can be placed into position rapidly.

Type	Order Code	Length (mm)	Width (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
				min.	max.		
HFB 55	306.01.002	550	1250	- 28	+ 60	4000	23
HFB 55	306.01.003	550	1500	- 28	+ 60	4000	27
HFB 55	306.01.004	550	1750	- 28	+ 60	4000	32
HFB 55	306.01.001	550	2000	- 28	+ 60	4000	36

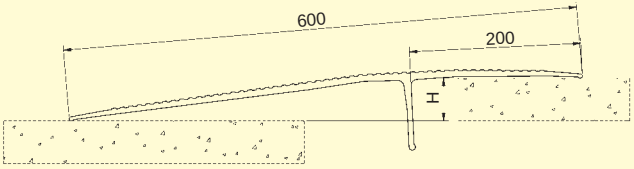
Type	Order code	Length (mm)	Width (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
				min.	max.		
HFB 60	307.00.014	600	1250	- 23	+ 40	1200	17
HFB 60	307.00.015	600	1500	- 23	+ 40	1200	19
HFB 60	307.00.016	600	2000	- 23	+ 40	1200	27

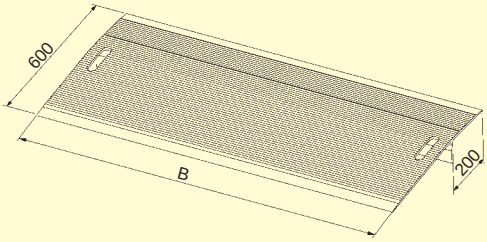
HFB 55





HFB 60





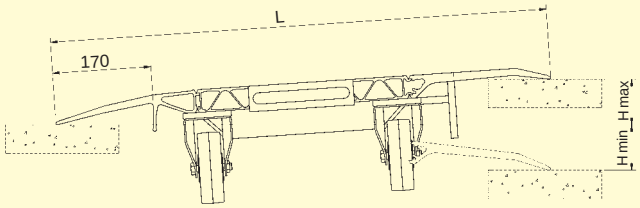
Other dimensions on request

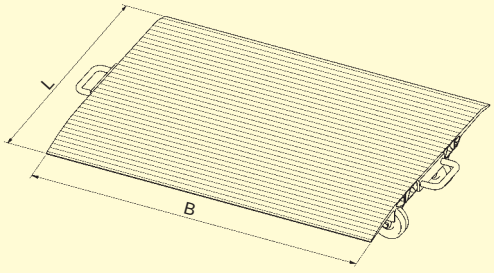
Type HFB

The mobile loading ramp type HFB is produced to bridge over height differences up to 130 mm. It is fabricated from 40 mm thick aluminium honeycomb plate with a ribbed anti slip surface and is fitted with spacer plates between the vehicle and the loading platform.

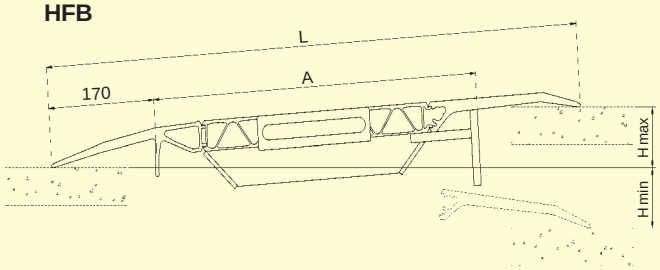
Type	Order code	Length L (mm)	Width B (mm)	Dim. A (mm)	Height Difference (mm) min.	max.	Capacity (kgs/ea)	Weight (kgs/ea)
HFB 7	306.00.041	625	1250	285	-55	+100	4000	28
HFB 8	306.00.042	625	1500	285	-55	+100	4000	33
HFB 3	306.00.037	750	1250	410	-70	+115	4000	30
HFB 4	306.00.038	750	1500	410	-70	+115	4000	36
HFB 5	306.00.039	1000	1250	660	-100	+145	4000	42
HFB 6	306.00.040	1000	1500	660	-100	+145	4000	50
	306.00.030	Transport wheels						4

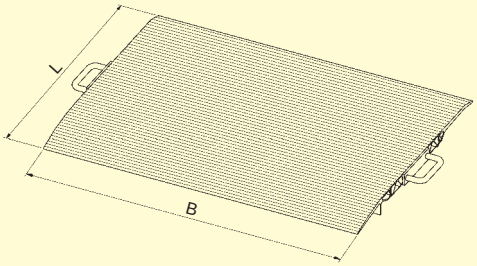
HFB with Transport wheels





HFB

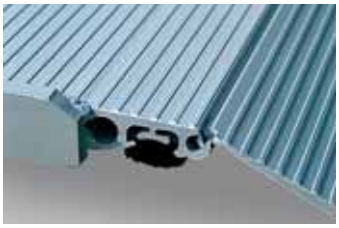




Other dimensions on request

Type HF

Model HF heavy duty bridge plates are fabricated from a 40 mm thick aluminium honeycomb plate with a non-slip surface.
Heavier capacity bridge plates have reinforcement sections welded underneath. The bottom section includes a hinged lip to assist the passage of small wheeled trolleys and is fitted with rubber profile to prevent any risk of slippage.



Rubber profile for use against slippage

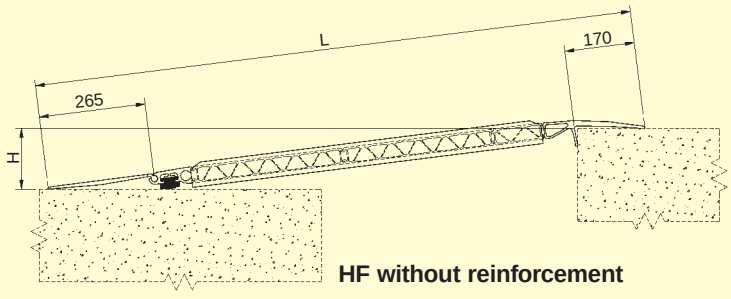
Type	Order code	Length L (mm)	Width B (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
				min.	max.		
HF 00*	306.00.000	1235	1250	0	+ 110	4000	52
HF 01*	306.00.001	1235	1500	0	+ 110	4000	61
HF 02*	306.00.002	1485	1250	0	+ 140	3500	61
HF 03*	306.00.003	1485	1500	0	+ 140	3500	72
HF 04*	306.00.004	1735	1250	0	+ 170	3000	70
HF 05*	306.00.005	1735	1500	0	+ 170	3000	83
HF 06*	306.00.006	1985	1250	0	+ 200	2000	82
HF 07*	306.00.007	1985	1500	0	+ 200	2000	86
HF 08*	306.00.008	2235	1250	0	+ 235	1800	91
HF 09*	306.00.009	2235	1500	0	+ 235	1800	107
HF 10*	306.00.010	2485	1250	0	+ 265	1600	100
HF 11*	306.00.011	2485	1500	0	+ 265	1600	118
HF 15*	306.00.015	1235	1250	0	+ 110	4000	52
HF 16*	306.00.016	1235	1500	0	+ 110	4000	61
HF 17	306.00.017	1485	1250	+ 75	+ 140	4000	65
HF 18	306.00.018	1485	1500	+ 75	+ 140	4000	76
HF 19	306.00.019	1735	1250	+ 90	+ 170	4000	75
HF 20	306.00.020	1735	1500	+ 90	+ 170	4000	88
HF 21	306.00.021	1985	1250	+ 110	+ 200	4000	91
HF 22	306.00.022	1985	1500	+ 110	+ 200	4000	105
HF 23	306.00.023	2235	1250	+ 125	+ 235	4000	101
HF 24	306.00.024	2235	1500	+ 125	+ 235	4000	117
HF 25	306.00.025	2485	1250	+ 145	+ 265	4000	116
HF 26	306.00.026	2485	1500	+ 145	+ 265	4000	134

*** Without additional reinforcement**

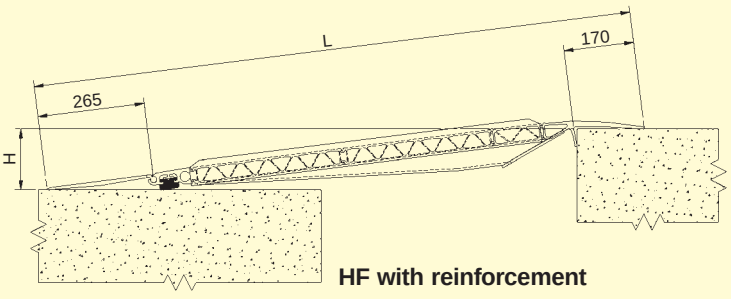
Order code		Weight (kgs/ea)
306.00.030	Transport wheels, per pair	4
306.00.032	Retractable fork grips, per pair	10
306.00.033	Steel transport trolley, 1250 mm wide	18
306.00.049	Steel transport trolley, 1500 mm wide	19
306.00.034	Safety arms, per pair	19

Other dimensions on request

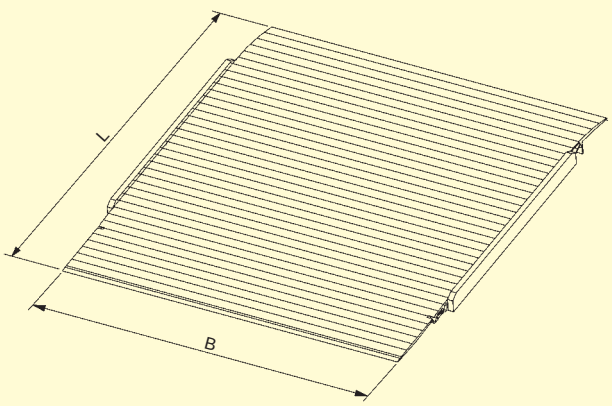
① Transport wheels
② Transport trolley
③ Plate with retractable fork grips
④ HF plate with safety arms. (in accordance with EN 1398)



HF without reinforcement



HF with reinforcement



Other dimensions on request

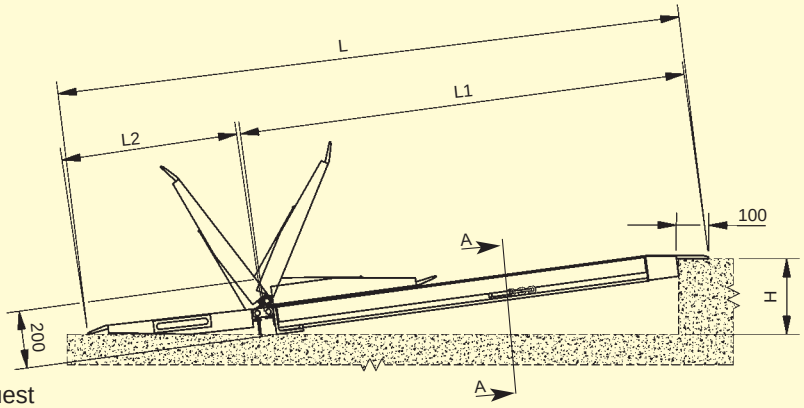
Type MC

The mobile bridge ramp MC is used specifically for loading and unloading shipping containers. The heavy duty combination of steel and aluminium ensures a strong construction for use in this tough environment. Integral fork lift handles ensure easy movement.

①

②

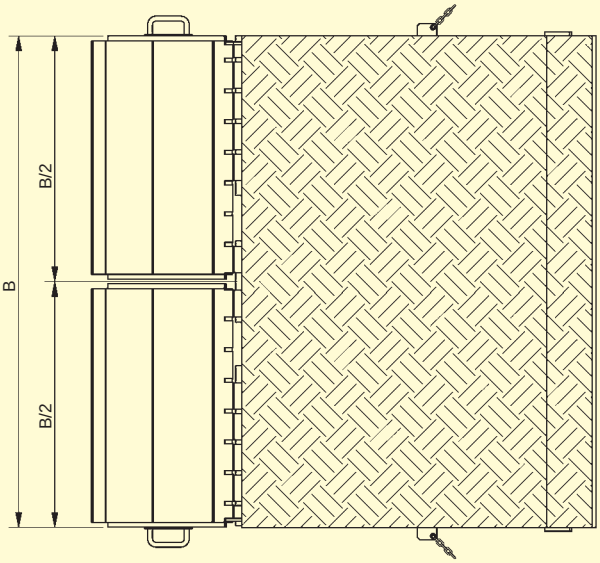
Type	Order code	Length L (mm)	L1 (mm)	L2 (mm)	Width B (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
						min.	max.		
MC	306.03.001	2070	1465	565	2000	+ 60	+ 235	6000	345
MC	306.03.002	2320	1715	565	2000	+ 60	+ 265	6000	400
MC	306.03.003	2570	1965	565	2000	+ 60	+ 295	6000	460
MC	306.03.004	2320	1715	565	2300	+ 60	+ 265	6000	455

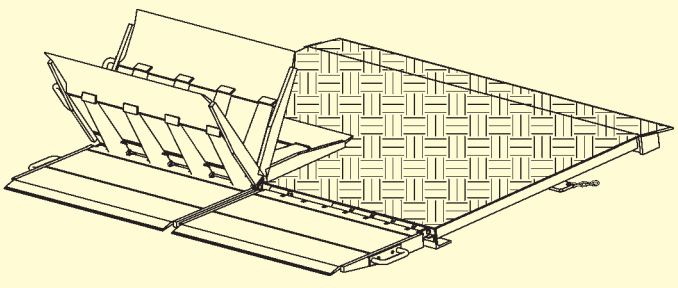


Other dimensions on request

A strong steel construction with foldable aluminium wedges guarantees capacities up to 6000 kgs.

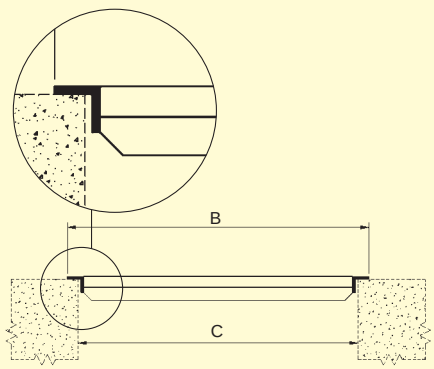
① Transport by forklift
② Easy positioning
③ Unfolding of lightweight aluminium wedges
④ Ready for loading or unloading the container

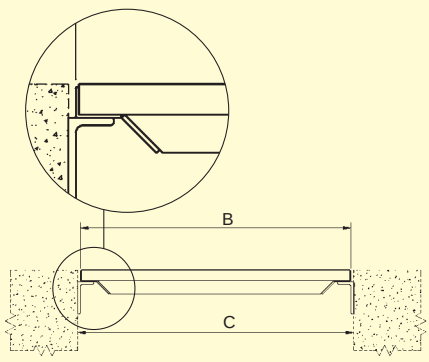


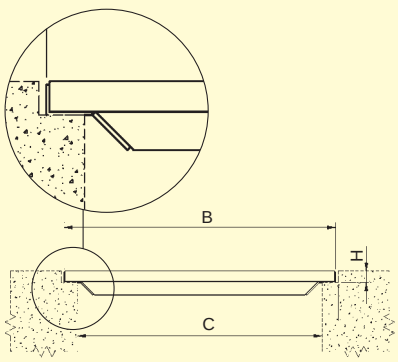


PIT COVER

Aluminium pit covers are available to help make maintenance areas safe when the pits are not in use. Manufactured in small light weight sections to your pit configuration, these covers are available in capacities up to 4000 kgs.





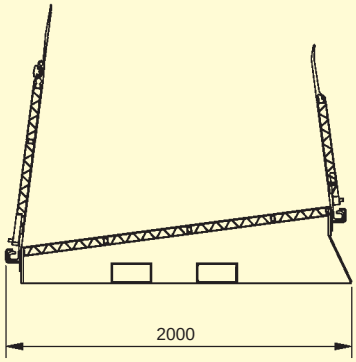


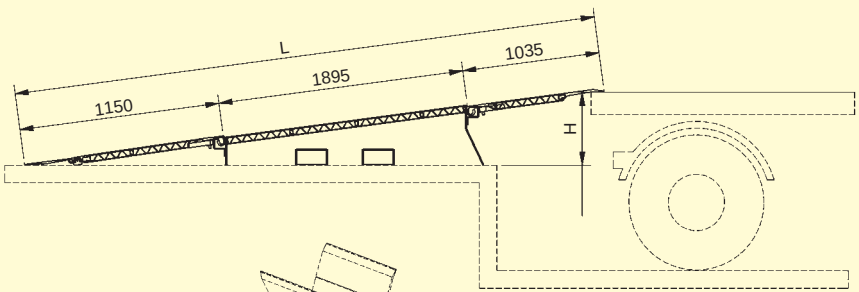
Diagrams show various pit frames with pit cover solutions.
Please specify the dimensions required as shown.

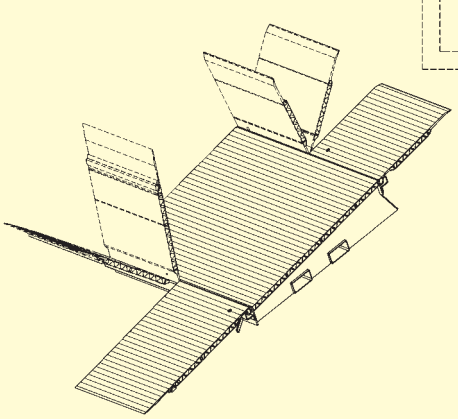
Type MBD

With this three piece, movable bridge plate, it is possible to balance big height differences between dock and lorry. Forklift openings make it possible to position the bridge where ever it is needed. An optimum help, flexible in use, easy to store.

Type	Order code	Length L (mm)	Width B (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
				min.	max.		
MBD	306.02.000	4080	1500	+ 250	+ 500	4000	293
MBD	306.02.001	4080	1750	+ 250	+ 500	4000	332
MBD	306.02.002	4080	2000	+ 250	+ 500	4000	372





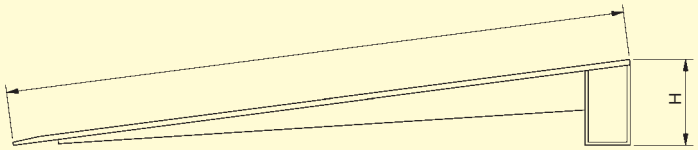


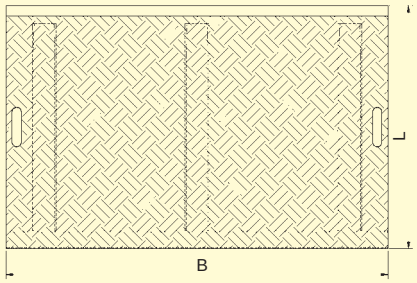
Other dimensions on request

Type SB-K
Type SB

SB and SB-K ramps have been designed to allow easy access over doorsteps. They have an non-slip surface and are maintenance free. The height difference (H) is needed when ordering.

Type	Order code	Length L (mm)	Width B (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
				min.	max.		
SB-K	307.00.110	500	1000	10	70	300	9
SB-K	307.00.111	650	1000	70	120	300	11
SB	307.00.100	500	1250	30	70	3000	19
SB	307.00.101	800	1250	70	110	3000	32



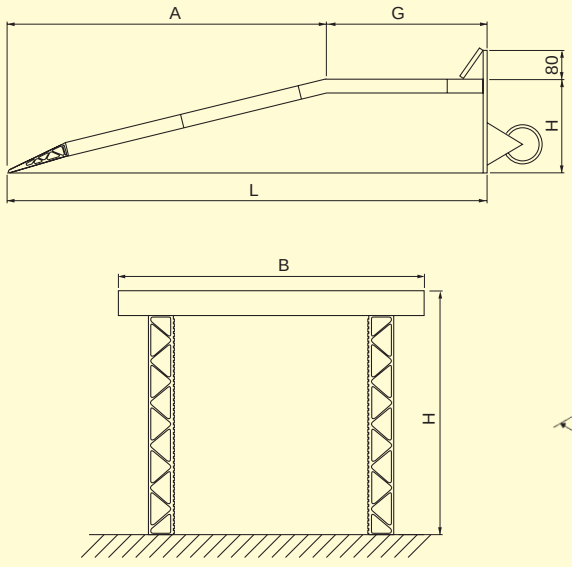


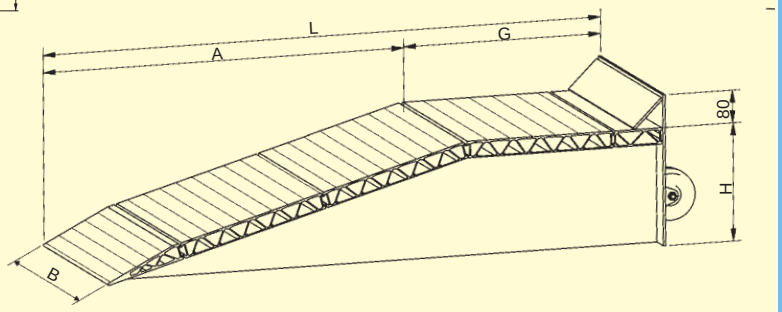
Other dimensions on request

Wheel ramps

These wheel ramps are made to safely increase the height of low vehicles to allow easier loading from a loading bay. They are lightweight and are easily moved around using the castor fitted to the front plate. Robust and maintenance free, they are suitable for most vehicles.

Type	**Order code**	Length L (mm)	Width B (mm)	Dim. A (mm)	Dim. G (mm)	Dim. H (mm)	Capacity (kgs/ea)	Weight (kgs/ea)
Wheel ramp	141.01.003	1440	500	950	500	145	12000	31
Wheel ramp	141.01.004	1440	500	950	500	190	12000	32
Wheel ramp	141.01.005	1440	500	950	500	290	12000	38
Wheel ramp	141.01.006	2030	500	1300	750	390	12000	65





Other dimensions on request

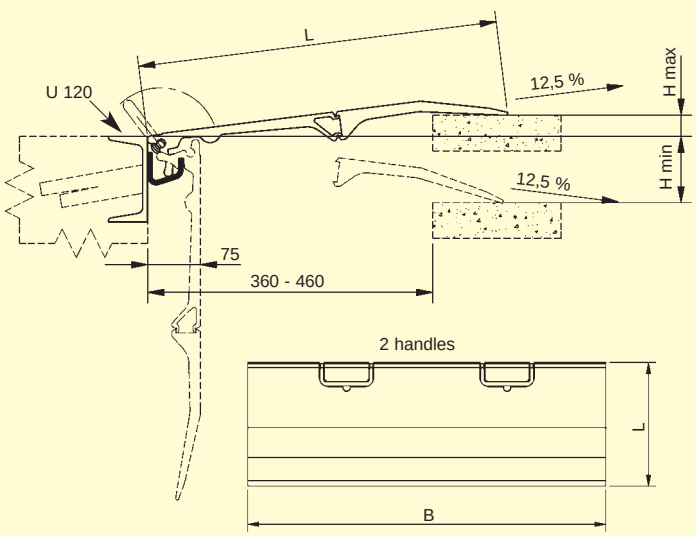
Type BB

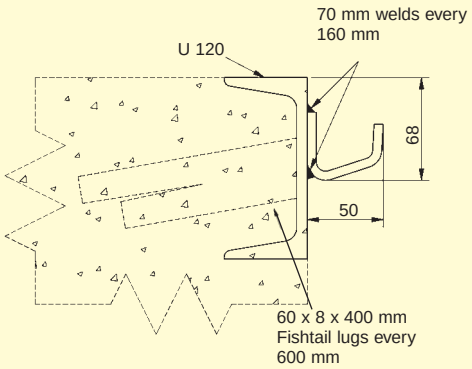
This bridge plate is designed to eliminate minor height differences on a railway platform. It is not hinged, but rotates within a steel guide rail.
The guide rail is available in black or galvanised steel. It should be welded to the the edge of a dock with preinstalled channel section with a face height of a min. of 120 mm.
The BB bridge is simple to use. When not in use the ramp is located in the downward position. It is easily lifted using the handle or handles supplied. The bridge plate is then placed into position on the wagon floor with the other end in position in the guide rail. In the downward parked position the bridge is unaffected by the passage of trains.

BB bridge lifted out of guide rail.

The lip is placed on the wagon floor, with other end in position in the guide rail.

Ready for safe drive over.



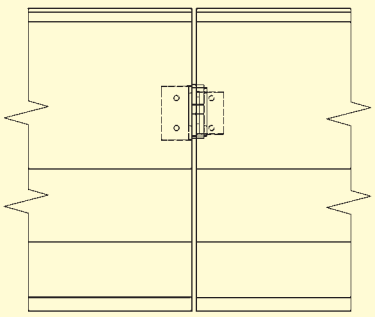


Other dimensions on request

Type	Order code	Length L (mm)	Width B (mm)	Height Difference (mm)		Capacity (kgs/ea)	Weight (kgs/ea)
				min.	max.		
BB 01	308.21.000	505	1450	- 100	+ 30	4000	29
BB 02	308.21.001	505	1750	- 100	+ 30	4000	34
BB 03	308.21.002	505	1950	- 100	+ 30	4000	39
BB 04*	308.21.003	505	1450	- 100	+ 30	4000	31
BB 05*	308.21.004	505	1750	- 100	+ 30	4000	36
BB 06*	308.21.005	505	1950	- 100	+ 30	4000	41
							(kg/Metre)
	319.22.004	Unpainted guide rail to be welded, 3000 mm long					8
	319.22.005	Galvanised guide rail to be welded, 3000 mm long					8
	308.21.889	Links for 2 bridge plates					2/St.

* Models supplied with 2 lifting handles

Where diagonal crossing is required connecting plates are available.



Connecting plate for two bridges

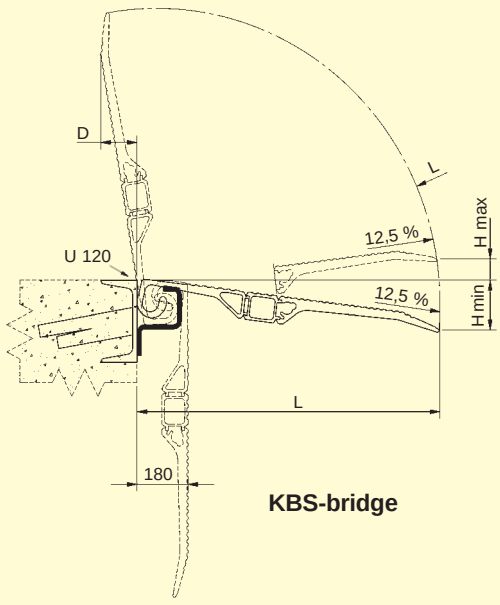
Type KBS

The KBS drawbridge leveller is perfect for minor differences in levels.
Robust and maintenance free, they are suitable for a wide variety of uses and users. The KBS can slide from side to side and should be stored in a vertical position.

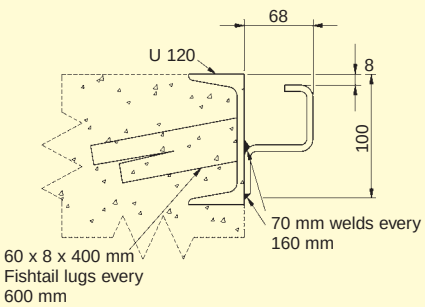
The automatic safety latch prevents the plate from falling when not in use and is easily released by foot.

Type	Order code	Length L (mm)	Width B (mm)	Dimension D (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight (kgs/ea)
KBS 00	302.21.000	410	1250	80	- 70	+ 30	4000	19
KBS 12	302.21.012	535	1250	100	- 90	+ 45	4000	24
KBS 13	302.21.013	785	1250	150	- 120	+ 75	4000	31
KBS 02	302.21.002	910	1250	170	- 135	+ 90	4000	36
KBS 04	302.21.004	410	1500	80	- 70	+ 30	4000	23
KBS 14	302.21.014	535	1500	100	- 90	+ 45	4000	28
KBS 15	302.21.015	785	1500	150	- 120	+ 75	4000	38
KBS 06	302.21.006	910	1500	170	- 135	+ 90	4000	44
								(kg/m)
	319.23.006	Guide rail galvanized, Length 3000 mm						8
	319.23.016	Guide rail galvanized, Length 2500 mm						8
	319.23.017	Guide rail galvanized, Length 2000 mm						8

Other dimensions on request



KBS-bridge



KBS-guide rail

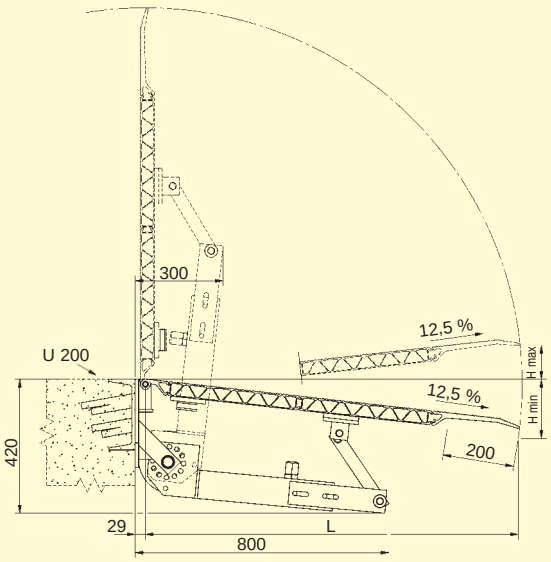
Type SKB

SKB drawbridge dock levellers are designed for medium duty applications and to provide easy, flexible loading of lorries up to a height difference of 190 mm from dock height.
It is available as a static version, or as a sliding version to run in a steel guide rail.
Additional rails can be fitted to allow the leveller to serve more than one loading position.
The SKB guide rail is designed with an open base which prevents the collection of dirt or debris and ensures smooth, easy sideways movement.

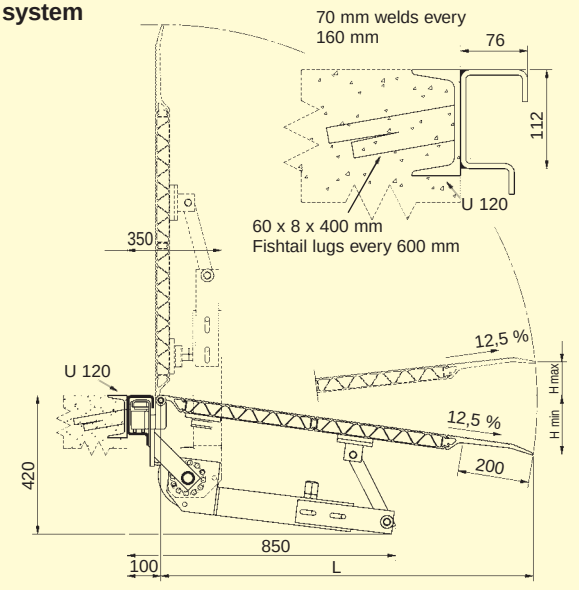
Safety device detail

Detail of counter balancing mechanism.

SKB with spring system



stationary



movable

Other dimensions on request

Version with segmented lip
see page 30/31

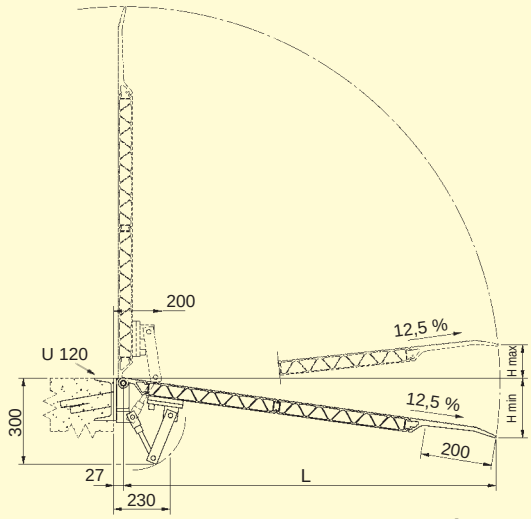
Type	**Order code stationary**	Type	**Order code movable**	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity kgs	Weight stationary kgs	Weight movable kgs

***Model with spring system**

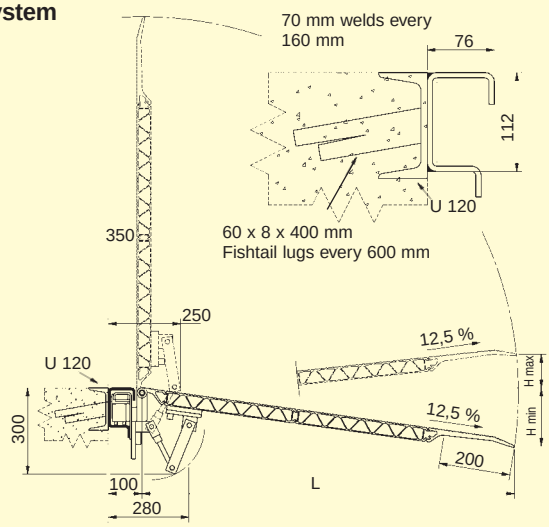
(kg/m)

Unpainted guide rail to be welded, 2000/3000 mm long
Galvanised guide rail to be welded, 2000/3000 mm long
Fixing plate galvanized (see page 32)

SKB without spring system



stationary



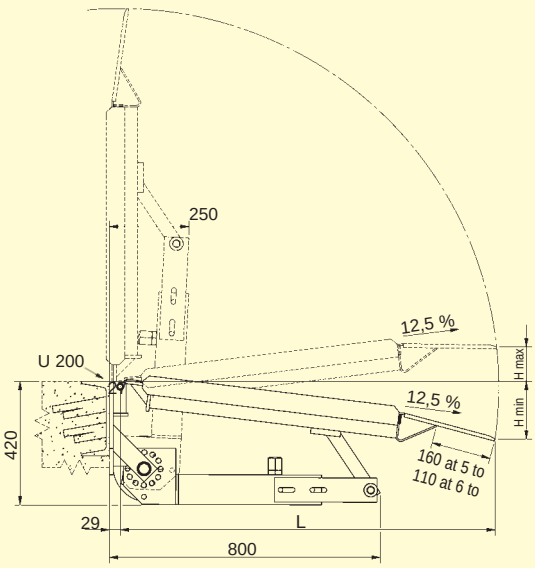
movable

Other dimensions on request

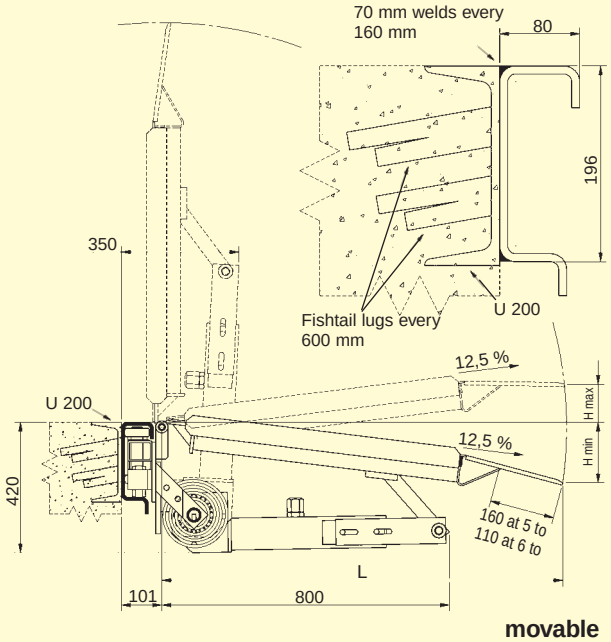
Type FBS
Steel

The FBS drawbridge leveller covers most loading applications and can be used for height differences of up to 250 mm with a load capacity of 6000 kgs. The five bar tread plate surface gives a high quality antislip surface.
Finish is available in either galvanised or paint. Both options protect against corrosion. They are available in static or in sliding version.
The sliding model runs in a open base guide rail which prevents the collection of dirt and debris, ensuring smooth, easy sideways movement.
Every leveller is fitted with underside springing to balance the weight of the platform.

Version with segmented lip
see page 30/31



stationary



movable

Other dimensions on request

Counter balanced dock leveller, made of steel, coloured RAL 5010 blue, capacity 5000 kgs

Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBSS 01	302.20.000	FBSV 01	303.21.000	1250	1500	- 160	+ 110	5000	230	250
FBSS 04	302.20.001	FBSV 04	303.21.001	1500	1500	- 190	+ 140	5000	270	290
FBSS 05	302.20.002	FBSV 05	303.21.002	1500	1750	- 190	+ 140	5000	300	320
FBSS 06	302.20.003	FBSV 06	303.21.003	1500	2000	- 190	+ 140	5000	330	350
FBSS 07	302.20.004	FBSV 07	303.21.004	1750	1500	- 220	+ 175	5000	290	310
FBSS 08	302.20.005	FBSV 08	303.21.005	1750	1750	- 220	+ 175	5000	320	340
FBSS 09	302.20.006	FBSV 09	303.21.006	1750	2000	- 220	+ 175	5000	350	370
FBSS 10	302.20.007	FBSV 10	303.21.007	2000	1500	- 250	+ 205	5000	320	340
FBSS 11	302.20.008	FBSV 11	303.21.008	2000	1750	- 250	+ 205	5000	360	380
FBSS 12	302.20.009	FBSV 12	303.21.009	2000	2000	- 250	+ 205	5000	400	420

Counter balanced dock leveller, made of steel, hot galvanized, capacity 5000 kgs

Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBSS 01	302.80.000	FBSV 01	303.81.000	1250	1500	- 160	+ 110	5000	230	250
FBSS 04	302.80.001	FBSV 04	303.81.001	1500	1500	- 190	+ 140	5000	270	290
FBSS 05	302.80.002	FBSV 05	303.81.002	1500	1750	- 190	+ 140	5000	300	320
FBSS 06	302.80.003	FBSV 06	303.81.003	1500	2000	- 190	+ 140	5000	330	350
FBSS 07	302.80.004	FBSV 07	303.81.004	1750	1500	- 220	+ 175	5000	290	310
FBSS 08	302.80.005	FBSV 08	303.81.005	1750	1750	- 220	+ 175	5000	320	340
FBSS 09	302.80.006	FBSV 09	303.81.006	1750	2000	- 220	+ 175	5000	350	370
FBSS 10	302.80.007	FBSV 10	303.81.007	2000	1500	- 250	+ 205	5000	320	340
FBSS 11	302.80.008	FBSV 11	303.81.008	2000	1750	- 250	+ 205	5000	360	380
FBSS 12	302.80.009	FBSV 12	303.81.009	2000	2000	- 250	+ 205	5000	400	420

Counter balanced dock leveller, made of steel, coloured RAL 5010, capacity 6000 kgs

Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBSS 01	302.50.000	FBSV 01	303.51.000	1250	1500	- 160	+ 110	6000	245	265
FBSS 04	302.50.001	FBSV 04	303.51.001	1500	1500	- 190	+ 140	6000	285	305
FBSS 05	302.50.002	FBSV 05	303.51.002	1500	1750	- 190	+ 140	6000	315	335
FBSS 06	302.50.003	FBSV 06	303.51.003	1500	2000	- 190	+ 140	6000	345	365
FBSS 07	302.50.004	FBSV 07	303.51.004	1750	1500	- 220	+ 175	6000	305	325
FBSS 08	302.50.005	FBSV 08	303.51.005	1750	1750	- 220	+ 175	6000	335	355
FBSS 09	302.50.006	FBSV 09	303.51.006	1750	2000	- 220	+ 175	6000	365	385
FBSS 10	302.50.007	FBSV 10	303.51.007	2000	1500	- 250	+ 205	6000	335	355
FBSS 11	302.50.008	FBSV 11	303.51.008	2000	1750	- 250	+ 205	6000	375	395
FBSS 12	302.50.009	FBSV 12	303.51.009	2000	2000	- 250	+ 205	6000	415	435

Counter balanced dock leveller, made of steel, hot galvanized, capacity 6000 kgs

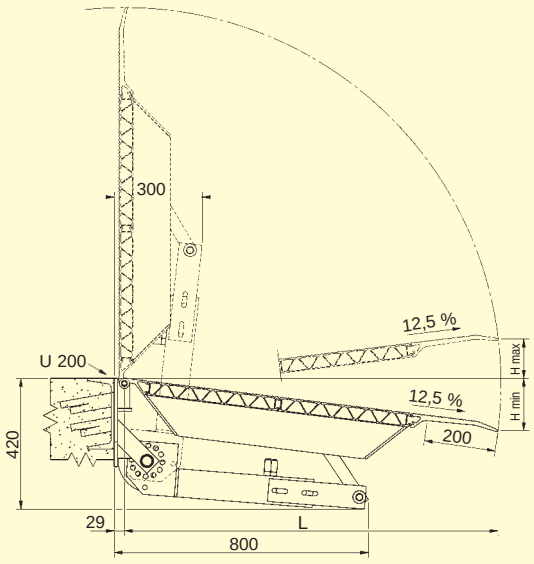
Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBSS 01	302.82.000	FBSV 01	303.83.000	1250	1500	- 160	+ 110	6000	245	265
FBSS 04	302.82.001	FBSV 04	303.83.001	1500	1500	- 190	+ 140	6000	285	305
FBSS 05	302.82.002	FBSV 05	303.83.002	1500	1750	- 190	+ 140	6000	315	335
FBSS 06	302.82.003	FBSV 06	303.83.003	1500	2000	- 190	+ 140	6000	345	365
FBSS 07	302.82.004	FBSV 07	303.83.004	1750	1500	- 220	+ 175	6000	305	325
FBSS 08	302.82.005	FBSV 08	303.83.005	1750	1750	- 220	+ 175	6000	335	355
FBSS 09	302.82.006	FBSV 09	303.83.006	1750	2000	- 220	+ 175	6000	365	385
FBSS 10	302.82.007	FBSV 10	303.83.007	2000	1500	- 250	+ 205	6000	335	355
FBSS 11	302.82.008	FBSV 11	303.83.008	2000	1750	- 250	+ 205	6000	375	395
FBSS 12	302.82.009	FBSV 12	303.83.009	2000	2000	- 250	+ 205	6000	415	435

				kg/m
	319.22.000		Guide rail black, length 2000/ 3000 mm	25
	319.23.001		Guide rail galvanized, length 2000/ 3000 mm	25
	319.23.010		Fixing plate galvanized (see page 32)	8

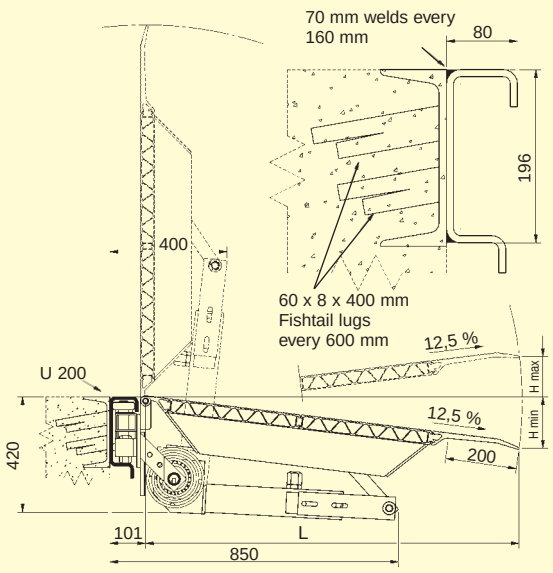
Type FBA
Aluminium

The FBA drawbridge leveller offers a versatile light weight option which cover loads up to 4000 kgs. Available in lengths up to 2315 mm. The FBA can be used with height differences of up to 310 mm.

They are available in static or in sliding version. The sliding model runs in a open base guide rail which prevents the collection of dirt and debris ensuring smooth, easy sideways movement. Every leveller is fitted with underside springing to balance the weight of platform.



stationary



movable

Other dimensions on request

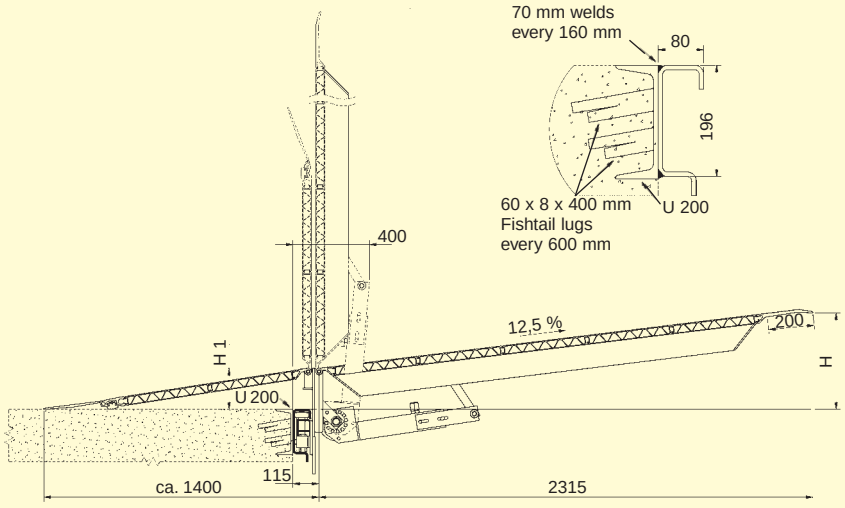
Version with segmented lip see page 30/31

Type	**Order code stationary**	Type	**Order code movable**	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBAS 01	300.20.000	FBAV 01	301.21.000	1315	1500	- 185	+ 140	4500	140	158
FBAS 04	300.20.001	FBAV 04	301.21.001	1565	1500	- 215	+ 175	4500	164	184
FBAS 05	300.20.002	FBAV 05	301.21.002	1565	1750	- 215	+ 175	4500	188	210
FBAS 06	300.20.003	FBAV 06	301.21.003	1565	2000	- 215	+ 175	4500	202	227
FBAS 07	300.20.004	FBAV 07	301.21.004	1815	1500	- 250	+ 205	4500	177	207
FBAS 08	300.20.005	FBAV 08	301.21.005	1815	1750	- 250	+ 205	4500	199	221
FBAS 09	300.20.006	FBAV 09	301.21.006	1815	2000	- 250	+ 205	4500	218	243
FBAS 10	300.20.007	FBAV 10	301.21.007	2065	1500	- 280	+ 235	4500	189	209
FBAS 11	300.20.008	FBAV 11	301.21.008	2065	1750	- 280	+ 235	4500	214	236
FBAS 12	300.20.009	FBAV 12	301.21.009	2065	2000	- 280	+ 235	4500	235	260
FBAS 13	300.20.010	FBAV 13	301.21.010	2315	1500	- 310	+ 265	4500	201	221
FBAS 14	300.20.011	FBAV 14	301.21.011	2315	1750	- 310	+ 265	4500	235	257
FBAS 15	300.20.012	FBAV 15	301.21.012	2315	2000	- 310	+ 265	4500	258	283
										kg/m
		319.22.000		Guide rail black, length 2000/ 3000 mm						25
		319.23.001		Guide rail galvanized, length 2000/ 3000 mm						25
		319.23.010		Fixing plate galvanized (see page 32)						8

Other dimensions on request

Type FBT
TANDEM

The FBT is an aluminium two stage dock leveller. The split level platform is ideal for use on low dock heights or when using load equipment with small wheels or low clearance.



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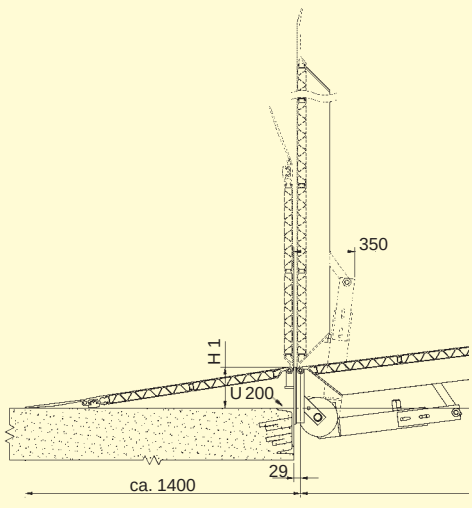


stationary

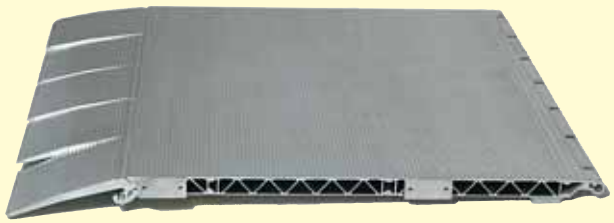
Ideal for unloading standing trailers or containers.
The FBT Tandem is a split drawbridge giving additional rampage for height differences of up to 500 mm. Using the same rail as the FBT makes a versatile addition to any loading bay.

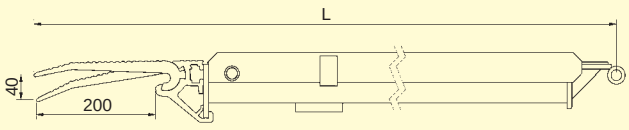
Type	**Order code stationary**	Type	**Order code movable**	Length L (mm)	Width B (mm)	Pivot Height H 1 (mm)	Height Difference (mm)	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBTS	305.20.001	FBTV	305.21.001	3700	1500	180	+ 460	4000	305	336
FBTS	305.20.000	FBTV	305.21.000	3700	1750	180	+ 460	4000	345	382
FBTS	305.20.002	FBTV	305.21.002	3700	2000	180	+ 460	4000	425	465
FBTS	305.20.003	FBTV	305.21.003	3700	1500	150	+ 430	4000	305	336
FBTS	305.20.004	FBTV	305.21.004	3700	1750	150	+ 430	4000	345	382
FBTS	305.20.005	FBTV	305.21.005	3700	2000	150	+ 430	4000	425	465
										kg/m
			319.22.000	Guide rail black, length 2000/ 3000 mm						25
			319.23.001	Guide rail galvanized, length 2000/ 3000 mm						25
			319.23.010	Fixing plate galvanized (see page 32)						8

Other dimensions on request

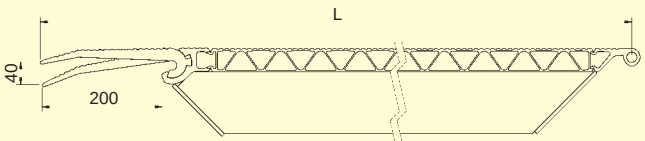
Segmented Lip

Aluminium segmented lips are made in accordance with BS EN 1398. During loading / unloading, particularly when using fork lifts, it is not unusual for trailers and lorry beds to tilt sideways causing gaps between bed and lip. Segmented lips are available to help close these gaps.





Steelplate with segmented lip



Aluminium plate with segmented lip

Counter balanced dock leveller, model SKB, made of aluminium with segmented lip, capacity 4000 kgs

Type	Order code stationary	Type	Order code demo-vable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
SKBS-SL	304.10.000	SKB-SL	304.11.000	855	1250	- 130	+ 80	4000	68	78
SKBS-SL	304.10.001*	SKB-SL	304.11.001*	1355	1250	- 195	+ 140	2500	107	110
SKBS-SL	304.10.002*	SKB-SL	304.11.002*	1605	1250	- 225	+ 170	1750	118	121
SKBS-SL	304.10.003	SKB-SL	304.11.003	605	1500	- 100	+ 50	4000	68	79
SKBS-SL	304.10.004	SKB-SL	304.11.004	855	1500	- 130	+ 80	4000	79	90
SKBS-SL	304.10.005*	SKB-SL	304.11.005*	1105	1500	- 165	+ 110	4000	109	113
SKBS-SL	304.10.006*	SKB-SL	304.11.006*	1355	1500	- 195	+ 140	4000	121	125
SKBS-SL	304.10.007*	SKB-SL	304.11.007*	1605	1500	- 225	+ 170	4000	133	137
										kg/m
			319.22.002	Guide rail black, length 2000/ 3000 mm						12
			319.23.007	Guide rail galvanized, length 2000/ 3000 mm						12

***Model with Springsystem**

Counter balanced dock leveller, model FBA, made of aluminium, with segmented lip, capacity 4500 kgs

Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBAS-SL	300.10.000	FBAV-SL	301.11.000	1355	1500	- 195	+ 140	4500	151	163
FBAS-SL	300.10.001	FBAV-SL	301.11.001	1605	1500	- 225	+ 170	4500	175	187
FBAS-SL	300.10.002	FBAV-SL	301.11.002	1605	1750	- 225	+ 170	4500	201	215
FBAS-SL	300.10.003	FBAV-SL	301.11.003	1605	2000	- 225	+ 170	4500	216	232
FBAS-SL	300.10.004	FBAV-SL	301.11.004	1855	1500	- 255	+ 200	4500	188	200
FBAS-SL	300.10.005	FBAV-SL	301.11.005	1855	1750	- 255	+ 200	4500	212	226
FBAS-SL	300.10.006	FBAV-SL	301.11.006	1855	2000	- 255	+ 200	4500	232	248
FBAS-SL	300.10.007	FBAV-SL	301.11.007	2105	1500	- 290	+ 235	4500	200	212
FBAS-SL	300.10.008	FBAV-SL	301.11.008	2105	1750	- 290	+ 235	4500	227	241
FBAS-SL	300.10.009	FBAV-SL	301.11.008	2105	2000	- 290	+ 235	4500	249	265
FBAS-SL	300.10.010	FBAV-SL	301.11.009	2355	1500	- 320	+ 265	4500	212	224
FBAS-SL	300.10.011	FBAV-SL	301.11.010	2355	1750	- 320	+ 265	4500	248	262
FBAS-SL	300.10.012	FBAV-SL	301.11.012	2355	2000	- 320	+ 265	4500	272	288

Counter balanced dock leveller, model FBS, made of steel, galvanized, with segmented lip, capacity 5000 kgs

Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBSS-SL 5	302.10.000	FBSV-SL 5	303.11.000	1315	1500	- 190	+ 135	5000	230	250
FBSS-SL 5	302.10.001	FBSV-SL 5	303.11.001	1565	1500	- 220	+ 165	5000	270	290
FBSS-SL 5	302.10.002	FBSV-SL 5	303.11.002	1565	1750	- 220	+ 165	5000	300	320
FBSS-SL 5	302.10.003	FBSV-SL 5	303.11.003	1565	2000	- 220	+ 165	5000	330	350
FBSS-SL 5	302.10.004	FBSV-SL 5	303.11.004	1815	1500	- 250	+ 195	5000	290	310
FBSS-SL 5	302.10.005	FBSV-SL 5	303.11.005	1815	1750	- 250	+ 195	5000	320	340
FBSS-SL 5	302.10.006	FBSV-SL 5	303.11.006	1815	2000	- 250	+ 195	5000	350	370
FBSS-SL 5	302.10.007	FBSV-SL 5	303.11.007	2065	1500	- 280	+ 225	5000	320	340
FBSS-SL 5	302.10.008	FBSV-SL 5	303.11.008	2065	1750	- 280	+ 225	5000	360	380
FBSS-SL 5	302.10.009	FBSV-SL 5	303.11.009	2065	2000	- 280	+ 225	5000	400	420

Counter balanced dock leveller, model FBS, made of steel, galvanized, with segmented lip, capacity 6000 kgs

Type	Order code stationary	Type	Order code movable	Length L (mm)	Width (mm)	Height Difference (mm) min.	Height Difference (mm) max.	Capacity (kgs/ea)	Weight stationary (kgs/ea)	Weight movable (kgs/ea)
FBSS-SL 6	302.12.000	FBSV-SL 6	303.13.000	1315	1500	- 190	+ 135	6000	245	265
FBSS-SL 6	302.12.001	FBSV-SL 6	303.13.001	1565	1500	- 220	+ 165	6000	285	305
FBSS-SL 6	302.12.002	FBSV-SL 6	303.13.002	1565	1750	- 220	+ 165	6000	315	335
FBSS-SL 6	302.12.003	FBSV-SL 6	303.13.003	1565	2000	- 220	+ 165	6000	345	365
FBSS-SL 6	302.12.004	FBSV-SL 6	303.13.004	1815	1500	- 250	+ 195	6000	305	325
FBSS-SL 6	302.12.005	FBSV-SL 6	303.13.005	1815	1750	- 250	+ 195	6000	335	355
FBSS-SL 6	302.12.006	FBSV-SL 6	303.13.006	1815	2000	- 250	+ 195	6000	365	385
FBSS-SL 6	302.12.007	FBSV-SL 6	303.13.007	2065	1500	- 280	+ 225	6000	335	355
FBSS-SL 6	302.12.008	FBSV-SL 6	303.13.008	2065	1750	- 280	+ 225	6000	375	395
FBSS-SL 6	302.12.009	FBSV-SL 6	303.13.009	2065	2000	- 280	+ 225	6000	415	435

										kg/m
			319.22.000	Guide rail black, length 2000/ 3000 mm						25
			319.23.001	Guide rail galvanized, length 2000/ 3000 mm						25
			319.23.001	Fixing plate galvanized (see page 32)						8

Other dimensions on request

Fixing Plates

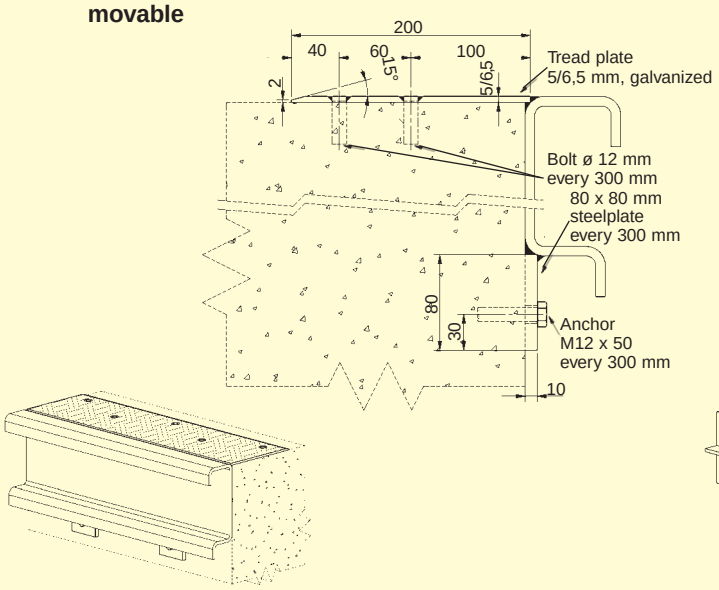
If no steelwork is available for installing guide rails our dock preparation material offers an ideal solution.
A chamfered plate is bolted to the dock surface using flush fixings. Tabs are then fitted to the dock face underneath the rail. This gives welding points for the top and bottom edges of the rail.

Steel plates 80 x 80 x10 fixed underneath the guide rail or stationary dock leveller.

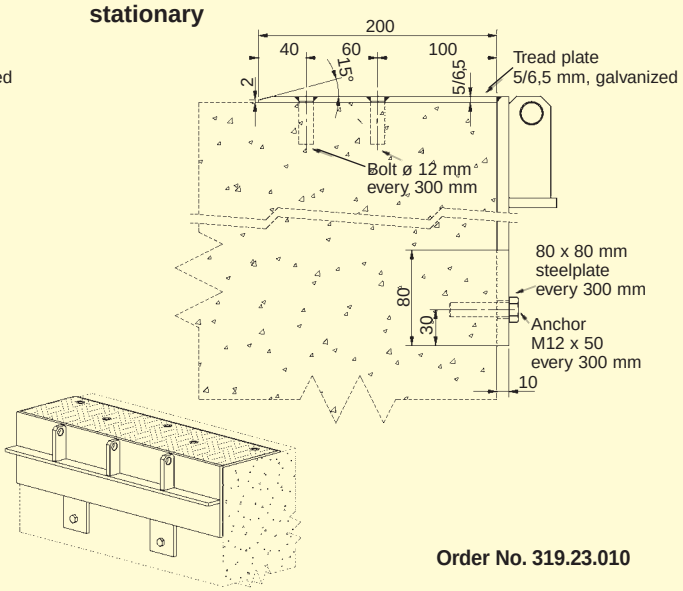
Galvanized steel plate fixed on top of dock with flush fixings.

Top plate welded to rail.

movable



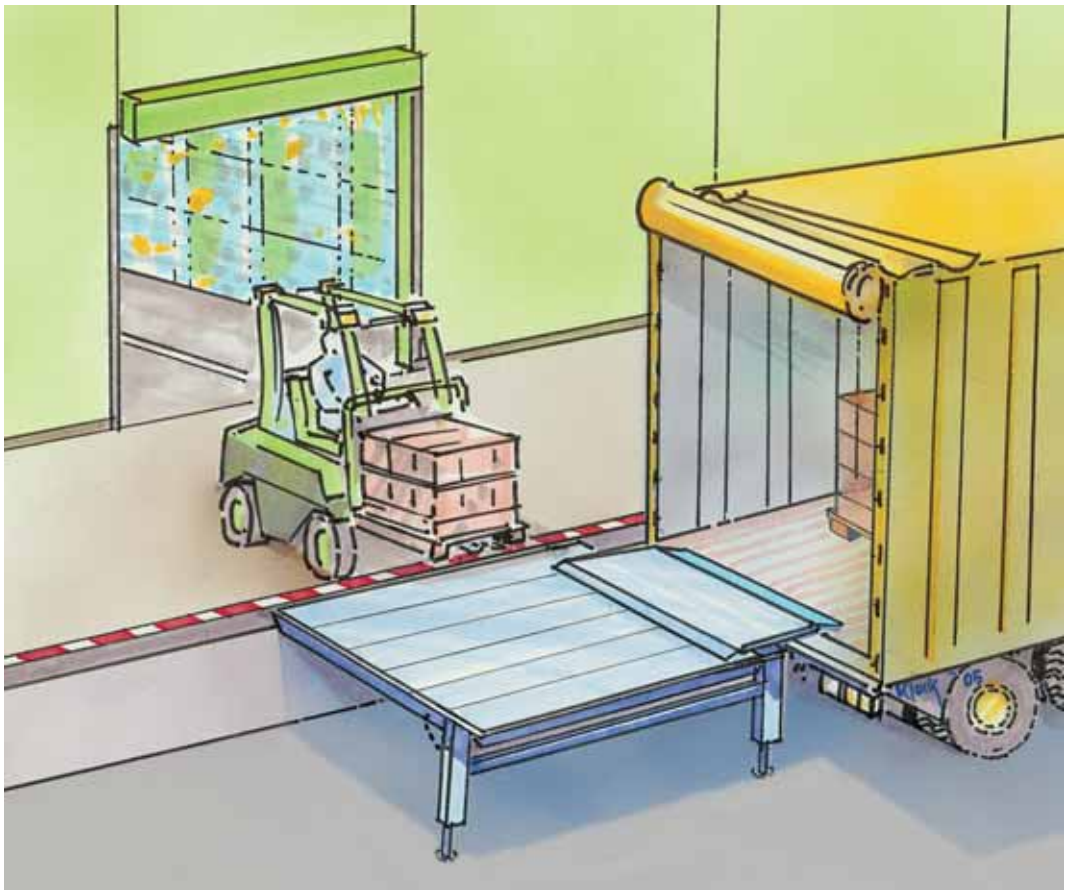
stationary



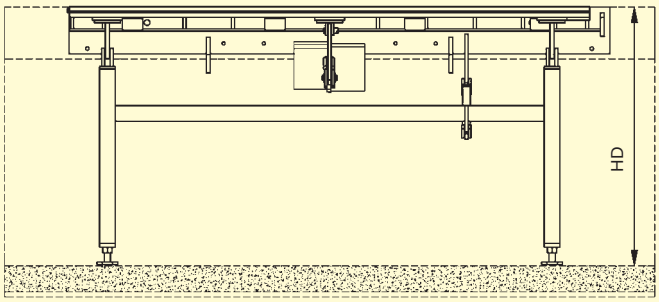
Order No. 319.23.010

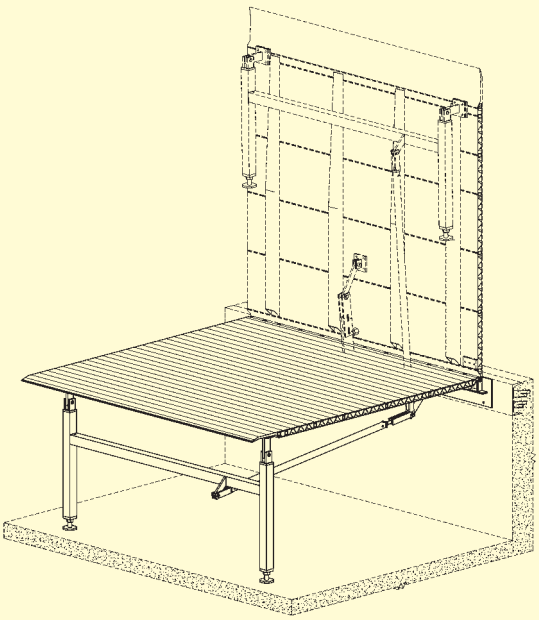
Platform Support

Counterbalanced drawbridge levellers are available with support feet to assist with side loading. Used in conjunction with a manual bridge plate side by side loading is made easy. Uneven ground can be compensated by using the adjustable feet. Available in static and sliding versions.



Front





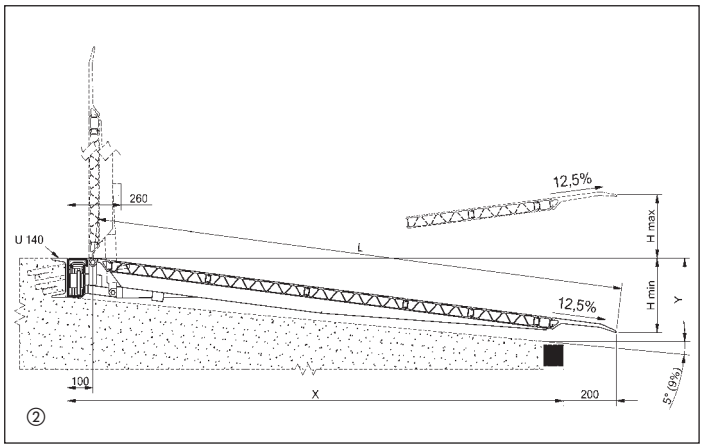
Order No. 300.55.000

Examples of use

① Mobile loading platform for unloading containers. Easily transported by fork lift.

② Drawbridge with gas strut assistance for in set docks.

③ Special drawbridge for loading and unloading of railway wagons. Winch operated.

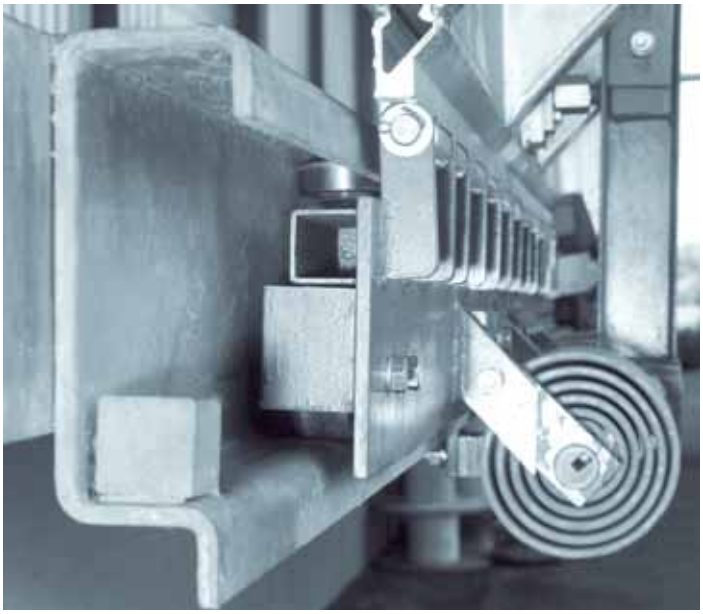


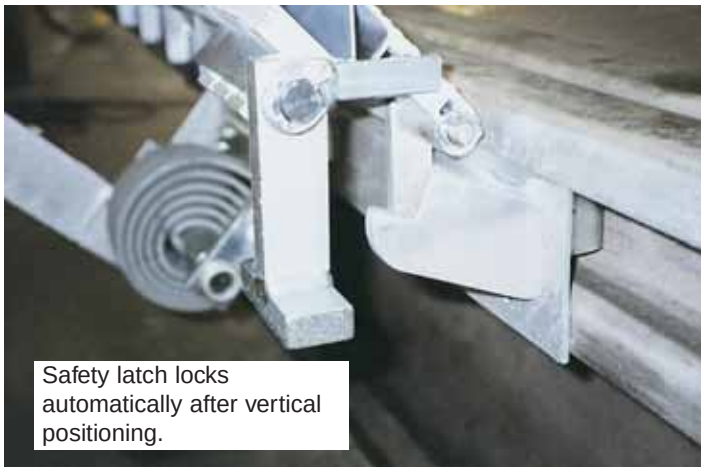
Technical Details

All drawbridges are balanced individually with the use of adjustable springs.

In accordance with BS EN 1398 drawbridge levellers should not be used at a gradient greater than 12.5%. Any problems with trailer tilt can be overcome with segmented lips or preferably by fixing the trailer in position.

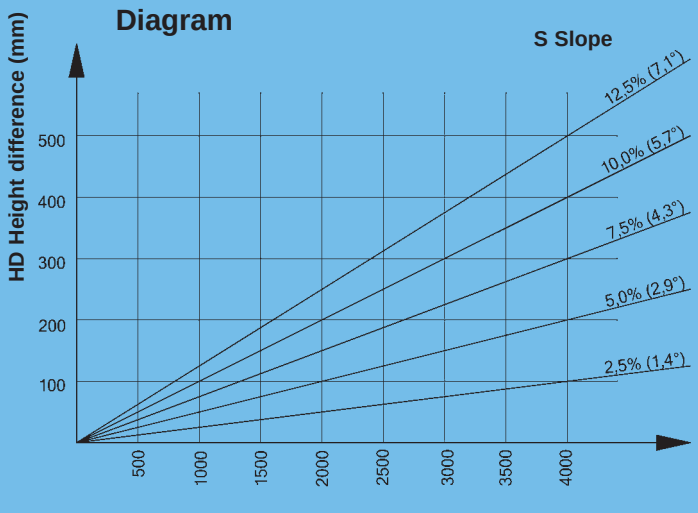
The guide rails are designed with an open base which prevents the collection of dirt and debris, ensuring smooth, easy sideways movement.





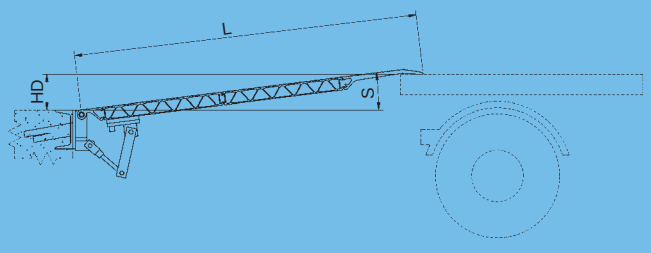
Safety latch locks automatically after vertical positioning.

Use this graph to calculate what length drawbridge you require.



Formula for calculating platform length at a slope of 12.5% (7.1°)

$$\text{Length} = \frac{\text{Height difference x 100}}{\text{Slope (max. 12.5\%)}}$$



Dimensions in mm

Our further delivery-items

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Aluminium loading ramps

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