



Stairs (Light Metal)

- Stable aluminium stairs for individual solutions, according the regulations of EN ISO 14122, BGV D 36 and BGI 637
- Width of steps: 600 - 800 - 1000 mm
- Depth of steps: 225 mm by 45° and 175 mm by 60° inclination
- Aluminium grating / perforated steps on request
- Delivery with hand rail on one side (second hand rail for extra charge available, optionally assembled on the left / right side)
- Hand rails are equipped with a knee rail by stairs with inclination of 45°
- Stairs attachment at the top, optionally with support bracket or fastening bar
- Stairs attachment at the bottom with two fastening brackets on the rails
- Delivery in pre-assembled component groups
- Not permitted according to DIN 1055 and DIN 18065 (housing stairs)
- **Recommendation according to EN ISO 14122:** For safety reasons, stairs with an inclination of 45° are to be preferred. Stairs with an inclination of 60° are to be used, if the conditions from the site do not allow any other option
- Stairs with other inclinations, step width and surface as special constructions on request available

Inclination 45°

No. of steps	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Vertical height E mm	646 - 860	861 - 1075	1076 - 1290	1291 - 1505	1506 - 1720	1721 - 1935	1936 - 2150	2151 - 2365	2366 - 2580	2581 - 2795	2796 - 3010	3011 - 3225	3226 - 3440	3441 - 3655	3656 - 3870
Projection D mm	823 - 1037	1038 - 1252	1253 - 1467	1468 - 1682	1683 - 1897	1898 - 2112	2113 - 2327	2328 - 2542	2543 - 2757	2758 - 2972	2973 - 3187	3188 - 3402	3403 - 3617	3618 - 3832	3833 - 4047
Step width B 600 mm with LM steps, corrugated Art.-No.	822338	822345	822352	822369	822376	822383	822390	822406	822413	822420	822437	822444	822451	822468	822475
Step width B 800 mm with LM steps, corrugated Art.-No.	822536	822543	822550	822567	822574	822581	822598	822604	822611	822628	822635	822642	822659	822666	822673
Step width B 1.000 mm with LM steps, corrugated Art.-No.	822734	822741	822758	822765	822772	822789	822796	822802	822819	822826	822833	822840	822857	822864	822871
Second hand rail for extra charge available Art.-No.	822932	822949	822956	822963	822970	822987	822994	823007	823014	823021	823038	823045	823052	823069	823076

Inclination 60°

No. of steps	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Vertical height E mm	751- 1000	1001- 1250	1251- 1500	1501- 1750	1751- 2000	2001- 2250	2251- 2500	2501- 2750	2751- 3000	3001- 3250	3251- 3500	3501- 3750	3751- 4000	4001- 4250	4251- 4500
Projection D mm	597- 723	723- 867	867- 1011	1012- 1156	1156- 1300	1300- 1444	1445- 1589	1589- 1733	1734- 1877	1879- 2023	2023- 2167	2168- 2311	2312- 2456	2456- 2600	2601- 2744
Step width B 600 mm with LM steps, corrugated Art.-No.	823137	823144	823151	823168	823175	823182	823199	823205	823212	823229	823236	823243	823250	823267	823274
Step width B 800 mm with LM steps, corrugated Art.-No.	823335	823342	823359	823366	823373	823380	823397	823403	823410	823427	823434	823441	823458	823465	823472
Step width B 1.000 mm with LM steps, corrugated Art.-No.	823533	823540	823557	823564	823571	823588	823595	823601	823618	823625	823632	823649	823656	823663	823670
Second hand rail for extra charge available Art.-No.	823731	823748	823755	823762	823779	823786	823793	823809	823816	823823	823830	823847	823854	823861	823878

Note: According to EN ISO 14122 a second hand rail is required for a vertical height starting with 500 mm and a lateral gap beside the stairs rail of more than 200 mm.

Variant steps execution:

Step width mm	600	800	1000
Step execution steel grating Art.-No.	823908*	823915*	823922*
Step execution steel perforated Art.-No.	823939*	823946*	823953*
* Extra charge per step			

On request for special constructions please indicate:

Steps:

Aluminum, corrugated (standard)

Steel grating

Steel perforated

No. of steps _____ pc.

Dimensions:

Vertical platform height E: _____ mm

Work inclination α : _____ °

Step width B: _____ mm

Step depth W: _____ mm

Projection (if work inclination unknown) D: _____ mm

Exterior width of stairs including railing F: _____ mm

Hand rail / railing:

Hand rail left

Hand rail right

Accessories without extra charge:

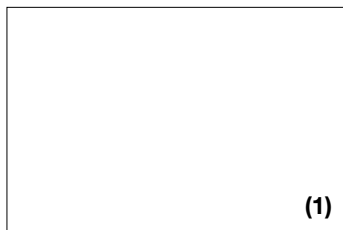
Aluminium support bracket (standard) (1)

Front side fastening bar (2)

Other requests: _____



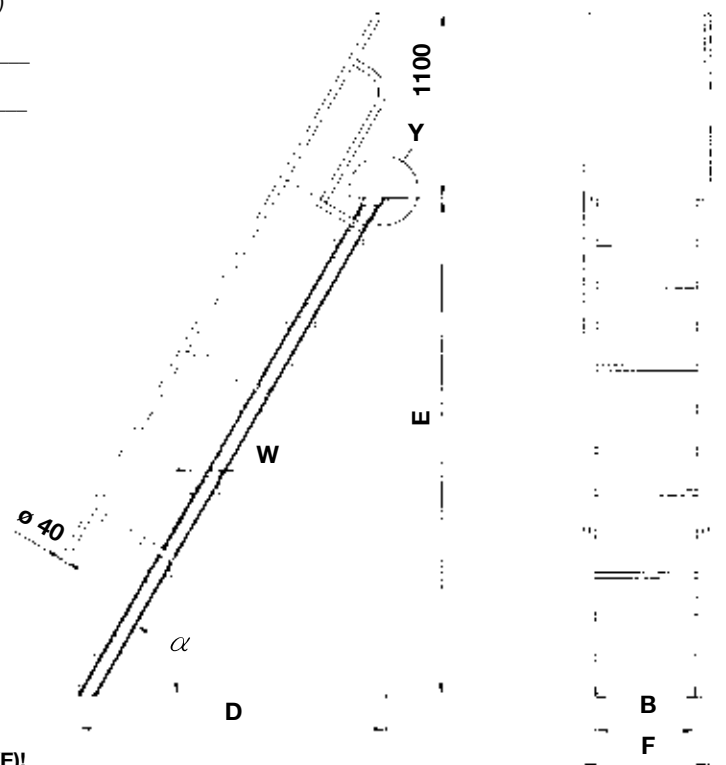
View (Y):



Aluminium support bracket



Front side fastening bar





Stairs with Platform (Light Metal)

- Stable aluminium stairs for the safe access to doors or intermediate platforms according the regulations of EN ISO 14122
- Standard depth of platform: 700 mm
- Width of steps: 600 - 800 - 1000 mm; Depth of steps: 225 mm by 45° and 175 mm by 60° inclination
- Aluminium grating / perforated steps on request
- Delivery with hand rail on one side and railing (second hand rail and railing as well front railing for extra charge available)
- Hand rails are equipped with a knee rail by stairs with inclination of 45°
- Triangular support (accessory) for the attachment in the upper platforms sector for wall-attachment essential or in case of a front attachment the corresponding fastening bar
- Stairs attachment at the bottom with two fastening brackets on the rails
- Delivery in pre-assembled component groups
- Not permitted according to DIN 1055 and DIN 18065 (housing stairs)
- Recommendation according to EN ISO 14122: For safety reasons, stairs with an inclination of 45° are to be preferred. Stairs with an inclination of 60° are to be used, if the conditions from the site do not allow any other option
- Stairs with other inclinations, step width and surface as special constructions on request available

Inclination 45°

No. of steps	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Vertical height E mm	646-860	861-1075	1076-1290	1291-1505	1506-1720	1721-1935	1936-2150	2151-2365	2366-2580	2581-2795	2796-3010	3011-3225	3226-3440	3441-3655	3656-3870
Projection D mm	1367-1580	1581-1795	1796-2010	2011-2225	2226-2440	2441-2655	2656-2870	2871-3085	3086-3300	3301-3515	3516-3730	3731-3945	3946-4160	4161-4395	4396-4591
Step width B 600 mm with LM steps, corrugated Art.-No.	824134	824141	824158	824165	824172	824189	824196	824202	824219	824226	824233	824240	824257	824264	824271
Step width B 800 mm with LM steps, corrugated Art.-No.	824332	824349	824356	824363	824370	824387	824394	824400	824417	824424	824431	824448	824455	824462	824479
Step width B 1000 mm with LM steps, corrugated Art.-No.	824530	824547	824554	824561	824578	824585	824592	824608	824615	824622	824639	824646	824653	824660	824677
Second hand rail for extra charge available Art.-No	824738	824745	824752	824769	824776	824783	824790	824806	824813	824820	824837	824844	824851	824868	824875

Inclination 60°

No. of steps	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Vertical height E mm	751-1000	1001-1250	1251-1500	1501-1750	1751-2000	2001-2250	2251-2500	2501-2750	2751-3000	3001-3250	3251-3500	3501-3750	3751-4000	4001-4250	4251-4500
Projection D mm	1173-1317	1318-1461	1462-1605	1606-1750	1751-1894	1895-2038	2039-2183	2184-2327	2328-2471	2472-2617	2618-2761	2762-2906	2907-3050	3051-3195	3196-3339
Step width B 600 mm with LM steps, corrugated Art.-No.	824936	824943	824950	824967	824974	824981	824998	825001	825018	825025	825032	825049	825056	825063	825070
Step width B 800 mm with LM steps, corrugated Art.-No.	825131	825148	825155	825162	825179	825186	825193	825209	825216	825223	825230	825247	825254	825261	825278
Step width B 1.000 mm with LM steps, corrugated Art.-No.	825339	825346	825353	825360	825377	825384	825391	825407	825414	825421	825438	825445	825452	825469	825476
Second hand rail for extra charge available Art.-No	825537	825544	825551	825568	825575	825582	825599	825605	825612	825629	825636	825643	825650	825667	825674

Note: According to EN ISO 14122 a second hand rail is required for a vertical height starting with 500 mm and a lateral gap beside the stairs rail of more than 200 mm.

Variant steps execution:

Step width mm	600	800	1000
Step execution steel grating Art.-No.	823908*	823915*	823922*
Step execution steel perforated Art.-No.	823939*	823946*	823953*
* Extra charge per step			

Step width mm	600	800	1000
Platform extension, aluminium 225 mm Art.-No.	825704	825711	825728
Front rail Art.-No.	825742	825759	825766
Triangular support Art.-No.	825773	825780	825797
Railing extension, 225 mm Art.-No.	825735	825735	825735

On request for special constructions please indicate:

Steps:

Aluminium, corrugated (standard)

Steel grating

Steel perforated

No. of steps _____ pc.

Dimensions

Vertical platform height E: _____ mm

Work inclination α : _____ °

Step width B: _____ mm

Step depth W: _____ mm

Platform length A: _____ mm

Projection (if work inclination unknown) D: _____ mm

Exterior width of stairs including railing F: _____ mm

Hand rail / railing:

Hand rail left

Hand rail right

Platform railing left

Platform railing right

Front platform railing

Platform exit, front

Platform exit, left

Platform exit, right

Accessories without charge:

Front side fastening bar (Y)

Accessories with extra charge:

Triangular support for step width 600 mm _____ pc.

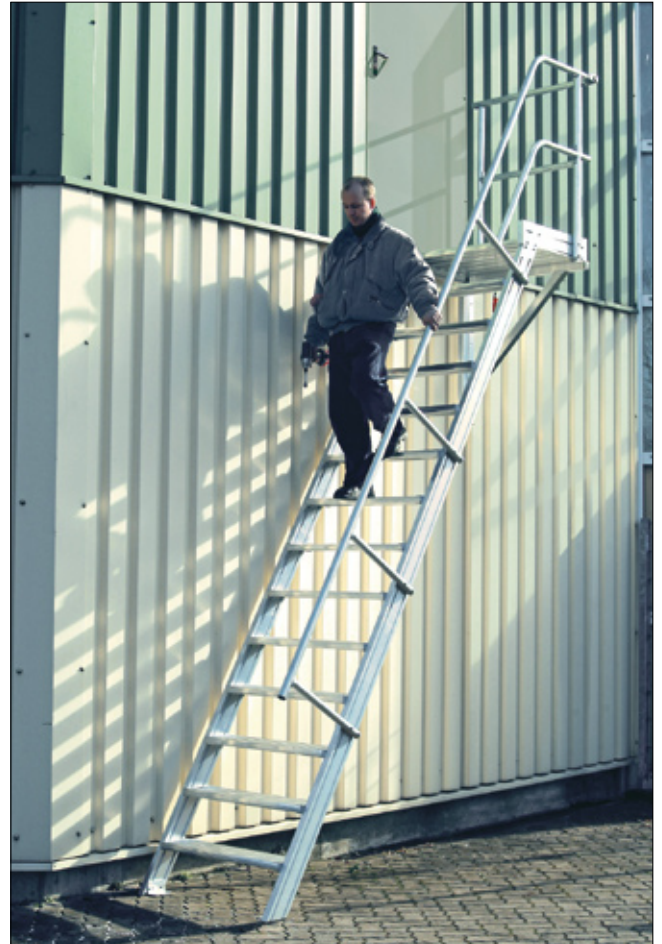
Triangular support for step width 800 mm _____ pc.

Triangular support for step width 1000 mm _____ pc.

Triangular support, special width _____ mm

Other requests: _____

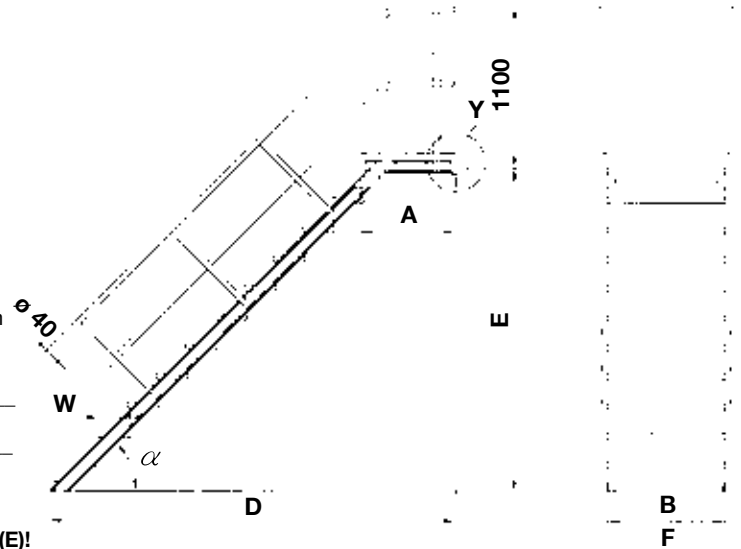
Important: For inquiries/orders indicate always the vertical height (E)!



View (Y):



Front side fastening bar





Stairs with Platform, mobile (Light Metall)

- Stable mobile aluminium stairs, the safe and mobile working appliance for all areas of application, according the regulations of EN ISO 14122
- Width of steps: 600 - 800 - 1000 mm
- Depth of steps: 225 mm by 45° and 175 mm by 60° inclination
- Aluminium grating / perforated steps on request
- Standard depth of platform: 700 mm, extension and widening on request available
- Delivery with hand rail on both sides and all around 1100 mm high platform railing with knee and foot rail
- Hand rails are equipped with a knee rail by stairs with inclination of 45°
- 2 guide casters ø 160 mm with parking brakes at the ascending part and 2 casters ø 160 mm with parking brakes at the supporting part
- Stable stabilizer gear at the supporting part
- Delivery in pre-assembled component groups
- Stairs with other inclinations, step width and surface as special constructions on request available

Inclination 45°

No. of steps		4	6	8	10	12	14	16	18
Vertical height E	mm	646 - 860	1076 - 1290	1506 - 1720	1936 - 2150	2366 - 2580	2796 - 3010	3226 - 3440	3656 - 3870
Projection D	mm	1227 - 1441	1657 - 1871	2087 - 2301	2516 - 2731	2947 - 3161	3376 - 3591	3807 - 4021	4237 - 4451
Stabilizer gear width F	mm	1000	1000	1400	1400	1600	1600	1800	1800
Step width B 600 mm	Art.-No.	827838	827852	827876	827890	827913	827937	827951	827975
Step width B 800 mm	Art.-No.	828033	828057	828071	828095	828118	828132	828156	828170
Step width B 1000 mm	Art.-No.	828231	828255	828279	828293	828316	828330	828354	828378

Inclination 60°

No. of steps		4	6	8	10	12	14	16	18
Vertical height E	mm	751 - 1000	1251 - 1500	1751 - 2000	2251 - 2500	2751 - 3000	3251 - 3500	3751 - 4000	4251 - 4500
Projection D	mm	1073 - 1216	1362 - 1505	1650 - 1794	1939 - 2082	2228 - 2371	2517 - 2660	2806 - 2949	3094 - 3238
Stabilizer gear width F	mm	1000	1400	1400	1600	1800	1800	2000	2000
Step width B 600 mm	Art.-No.	828637	828651	828675	828699	828712	828736	828750	828774
Step width B 800 mm	Art.-No.	828835	828859	828873	828897	828910	828934	828958	828972
Step width B 1000 mm	Art.-No.	829030	829054	829078	829092	829115	829139	829153	829177

Variant steps execution:

Step width mm		600	800	1000
Step execution, steel grating	Art.-No.	823908*	823915*	823922*
Step execution steel perforated	Art.-No.	823939*	823946*	823953*
* Extra charge per step				

Platform extension:

Step width mm		600	800	1000
Platform extension, aluminium 225 mm*	Art.-No.	829467	829474	829481
Railing extension, aluminium 225 mm	Art.-No.	829498	829498	829498
*Maximum platform extension 3010 mm				

On request for special constructions please indicate:

Steps

- Aluminium corrugated (standard)
- Steel grating
- Steel perforated

No. of steps _____ pc.

Dimensions

Vertical platform height E: _____ mm

Work inclination α : _____ °

Step width B: _____ mm

Step depth W: _____ mm

Platform length A: _____ mm

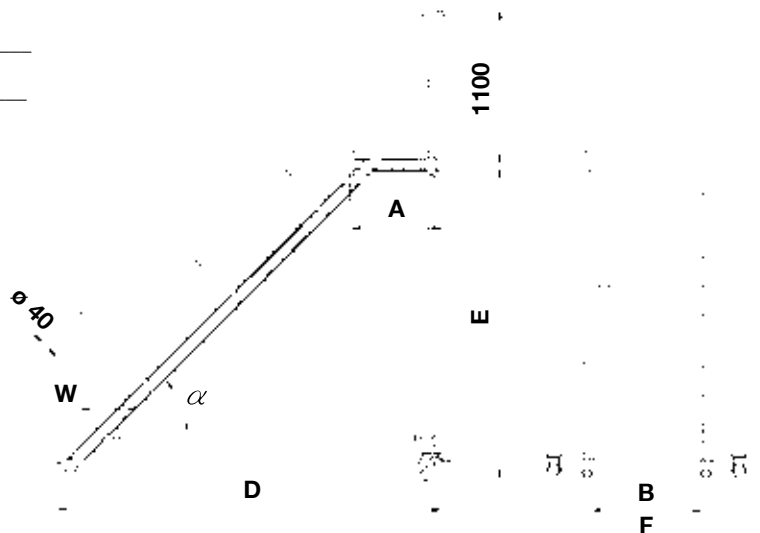
Projection (if work inclination unknown) D: _____ mm

Exterior width of stairs including stabilizer gear F: _____ mm

Hand rail / railing:

- Hand rail left
- Hand rail right
- Platform railing left
- Platform railing right
- Front platform railing
- Platform exit, front
- Platform exit, left
- Platform exit, right

Other requests: _____



Important: For inquiries/orders indicate always the vertical height (E)!



Crossovers (light metal)

- Stationary or mobile working appliance for all applications where obstacles must be safe crossed according the regulations of EN ISO 14122
- Standard depth of platform: 700 mm, extension and widening on request available
- Width of steps: 600 - 800 - 1000 mm
- Aluminium grating / perforated steps on request
- Delivery with hand rail on one side and railing (second hand rail and railing available for extra charge)
- Hand rails are equipped with a knee rail by stairs with inclination of 45°
- Platform railing 1100 mm high and equipped with knee and foot rails
- Mobile execution are equipped with 2 stable stabilizer gears and 4 casters (between the ascending parts, 2 longitudinal braces essential)
- Stationary execution are equipped with fastening brackets
- The below-mentioned chart corresponding the stationary execution, mobile crossovers on request
- Delivery in pre-assembled component groups
- For all orders indicate the clearance height (dimension I at the right draft)

Inclination 45°

No. of steps		4	5	6	7	8	9	10
Clearance height I	mm	608 - 822	823 - 1037	1038 - 1252	1253 - 1467	1468 - 1682	1683 - 1897	1898 - 2112
Platform length A	mm	700	700	700	700	700	700	700
Projection D	mm	1892 - 2321	2322 - 2751	2752 - 3181	3182 - 3611	3612 - 4041	4042 - 4471	4472 - 4901
Step width B 600 mm	Art.-No.	826039	826046	826053	826060	826077	826084	826091
Step width B 800 mm	Art.-No.	826237	826244	826251	826268	826275	826282	826299
Step width B 1000 mm	Art.-No.	826435	826442	826459	826466	826473	826480	826497
Second hand rail for extra charge available	Art.-No.	826633	826640	826657	826664	826671	826688	826695

Inclination 60°

No. of steps		4	5	6	7	8	9	10
Clearance height I	mm	713 - 962	963 - 1212	1213 - 1462	1463 - 1712	1713 - 1962	1963 - 2212	2213 - 2462
Platform length A	mm	700	700	700	700	700	700	700
Projection D	mm	1507 - 1795	1796 - 2084	2085 - 2373	2374 - 2661	2662 - 2950	2951 - 3239	3240 - 3527
Step width B 600 mm	Art.-No.	826831	826848	826855	826862	826879	826886	826893
Step width B 800 mm	Art.-No.	827036	827043	827050	827067	827074	827081	827098
Step width B 1000 mm	Art.-No.	827234	827241	827258	827265	827272	827289	827296
Second hand rail for extra charge available	Art.-No.	827432	827449	827456	827463	827470	827487	827494

Variant steps execution:

Step width B mm		600	800	1000
Step execution steel grating	Art.-No.	823908*	823915*	823922*
Step execution steel perforated	Art.-No.	823939*	823946*	823953*
*Extra charge per step				

Platform extension

Step width B mm		600	800	1000
Platform extension, aluminium 225 mm*	Art.-No.	827609	827616	827623
Railing extension, aluminium 225 mm	Art.-No.	827630	827630	827630
*Maximum platform extension 3010 mm				

Mobile execution:

Mobile execution	Art.-No.	827708
Consists of: 2 stabilizers and 4 casters (Ø 160 mm)		
In addition, two longitudinal braces between the ascending parts essential		

On request for special constructions please indicate:

Steps

- Aluminium corrugated (standard)
- Steel grating
- Steel perforated

No. of steps _____ pc.

Dimensions

- Work inclination α : _____ °
- Step width B: _____ mm
- Step depth W: _____ mm
- Platform length A: _____ mm
- Clearance height, inside I: _____ mm
- Clearance width, top inside H: _____ mm
- Clearance width, bottom inside G: _____ mm
- Projection (if work inclination unknown) D: _____ mm
- Exterior width of stairs including railing F: _____ mm

Hand rail / railing:

- Complete hand rail left
- Complete hand rail right
- Platform railing left
- Platform railing right

Accessories with extra charge:

- Crossover with 2 stabilizers and 4 casters (Ø 160 mm)

Other requests: _____

