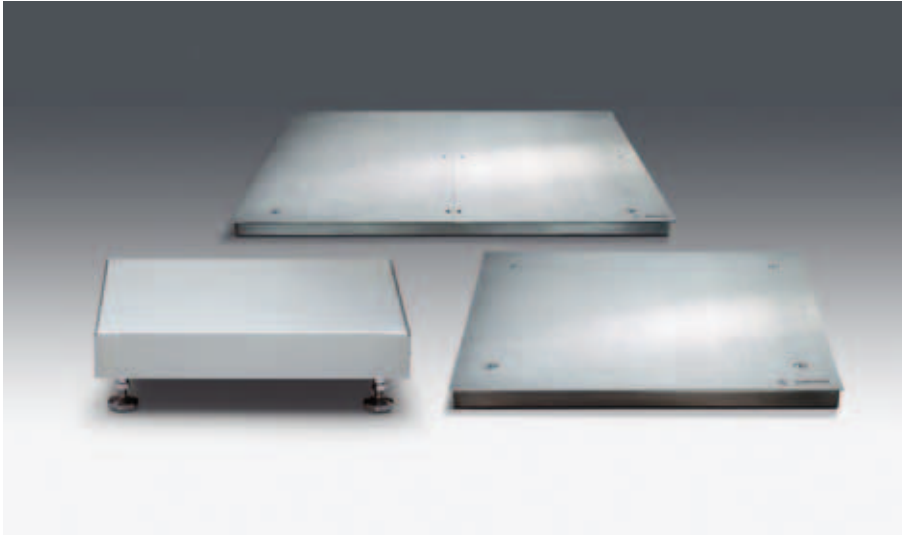




## Combics Stainless Steel Platforms CAAPS...



- Large selection of combination options for standard components
- High weight bearing stainless steel construction with simultaneous display accuracy
- High IP protection up to IP69K and open construction for easy cleaning
- Prepared for use in zones 2 and 22
- We provide certificates and documentation according to GMP, ISO, ATEX, OIML and FDA regulations.

Combics provides support in all areas of the process chain, from manual formulations to PC controlled production checks.

The modular system allows for a tailor-made configuration of the individual components for each area. We also produce individual complete solutions according to your specific applications.

Based on the specific requirements of the different industries and the basic legal conditions, we have developed intelligent solutions for all weighing applications, from incoming goods through to production on a large technical scale. The Combics series provides support in the production of high quality, attractive and safe products.

Combics' unsurpassed precision helps:

- in conducting flexible production checks;
- in reducing costs;
- in increasing product quality;
- in making optimal use of raw materials; and
- in increasing yields.

It is a design made for longevity, flexibility and reliability.

Hygiene regulations, which are especially important today, are met without compromise by the hygienic design of our solutions. The devices can be cleaned very easily and thus allow Combics to be used under tough conditions or where stringent safety standards apply. The materials and surfaces used significantly contribute to minimizing contamination risks.

All Combics platforms meet the EHEDG specifications.

Additionally, we support you by obtaining the necessary qualifications for your requirements. We provide certificates and documentation according to GMP, ISO, ATEX, OIML and FDA regulations.

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## General Specifications

### Combination options

10 weighing ranges from 3 kg to 3 t  
13 platform dimensions

### Material

Made entirely of stainless steel 1.4301 (V2A)  
Load plate and base frame can be made from  
electropolished stainless steel 1.4751 (VA4)  
upon request

### Other Functions

4 × height adjustable leveling feet  
Leveling device  
Overload protection

### Operating temperature range

-10°C to 40°C

### Resolution (not verifiable)

Depends on model:  
1 × 30.000 d or 1 × 15.000 d

### Resolution (verifiable, Class III)

Depends on model: 3,000 e or  
2 × 3,000 e (MR | MI);  
3 × 3,000 e (MR); 6,000 e

### Weighing system

Stainless steel single point weigh cell C3  
or 4 weigh cells C3

### IP protection rating

IP68, optional IP69K

### Load plate

Optional  
With tread plate  
lift-up design (from 800 × 800 mm)

### Comprehensive range of accessories

Drive-on ramps  
Frames for pit installation  
Roller conveyor  
Benches

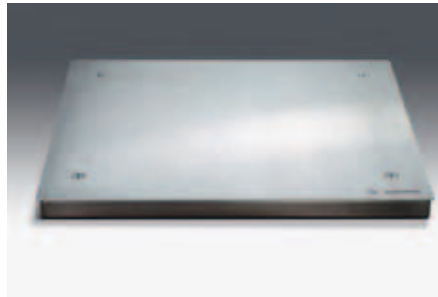
### EX approval

Optional for use in zones 2 and 22  
ATEX: II 3G Ex nA IIC T6 Gc  
II 3D Ex tD IIIC T80°C Dc

Combics Platform	Material   Design	Number Weigh cells	Weighing capacity (kg)	Platform dimensions mm	Readability
<b>CAAP</b>	<b>S</b>	<b>1 -</b>	<b>60</b>	<b>FE -</b>	<b>L</b>

Example of order code CAAPS1-60FE-L:

<b>Part 1:</b>	<b>CAAPS</b>	Stainless steel platform
<b>Part 2:</b>	<b>1-60FE</b>	Platform: 60 kg, L = 500 mm × W = 400 mm
	<b>-L</b>	Resolution: 5 g readability, non-verifiable



Order number	Load range in kg	Readability in g							Material		Length Platform Cable in m
		not verifiable		verifiable					S: Stainless steel		
		15.000d	30.000d	3.000e	2 × 3.000e MR	2 × 3.000e MI	3 × 3.000e MR	6.000e	Load plate	Base frame	
		- L	- I	- BCE	- NCE	- MCE	- UCE	- RCE			
1-3DC	3	0.2	0.1	1	0.5   1	0.5   1	-	-	S	S	3
1-6DC	6	0.5	0.2	2	1   2	1   2	0.5   1   2	-	S	S	3
1-15DC	15	1	0.5	5	2   5	-	1   2   5	-	S	S	3
1-30ED	30	2	1	10	5   10	5   10	2   5   10	-	S	S	3
1-30FE	30							-	S	S	3
1-60ED	60	5	2	20	10   20	10   20	5   10   20	-	S	S	3
1-60FE	60							-	S	S	3
4-60GF	60						-	10	S	S	3
4-60IG	60						-	10	S	S	3
1-150FE	150	10	5	50	20   50	20   50	10   20   50	-	S	S	3
4-150GF	150						-	20 *1	S	S	3
4-150IG	150						-	20 *1	S	S	3
4-150II	150					-	-	-	S	S	6
4-150LL	150					-	-	-	S	S	6
4-150NN	150					-	-	-	S	S	6
4-300GF	300	20	10	100	50   100	50   100	20   50   100	50	S	S	3
4-300IG	300								S	S	3
4-300II	300						-		S	S	6
4-300LL	300						-		S	S	6
4-300NN	300						-		S	S	6

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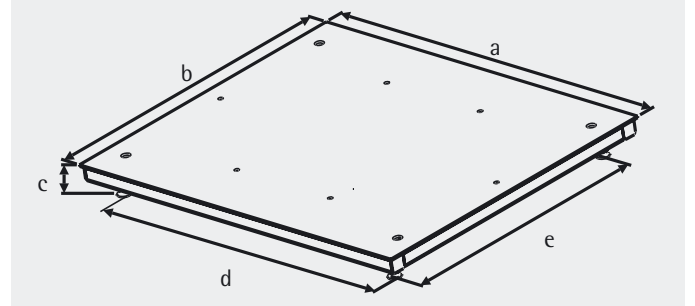
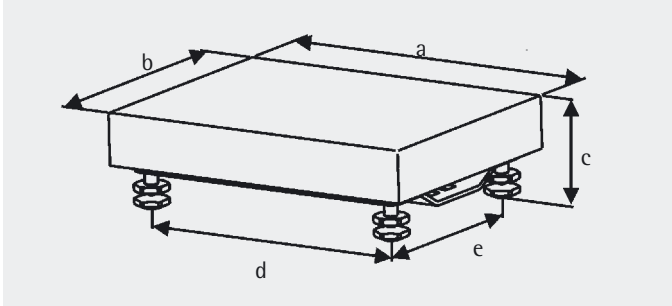
Order number	Load range in kg	Readability in g									Material		Length Platform Cable in m
		not verifiable		verifiable			6.000e	S: Stainless steel					
		15.000d	30.000d	3.000e	2 × 3.000e MR	2 × 3.000e MI		3 × 3.000e MR	- RCE	Load plate	Base frame		
- L	- I	- BCE	- NCE	- MCE	- UCE								
4-600IG	600	50	20	200	100   200	100   200	50   100   200	100	S	S	6		
4-600II	600						-		S	S	6		
4-600LI	600						-		S	S	6		
4-600LL	600						-		S	S	6		
4-600NL	600						-		S	S	6		
4-600NN	600						-		S	S	6		
4-600RN	600						-		S	S	6		
4-600RR	600						-		S	S	6		
4-600WR	600						-		S	S	6		
4-1500-II	1500	100	50	500	200   500	200   500	100   200   500	200 *1	S	S	6		
4-1500LI	1500								S	S	6		
4-1500LL	1500								S	S	6		
4-1500NL	1500								S	S	6		
4-1500NN	1500								S	S	6		
4-1500RN	1500								S	S	6		
4-1500RR	1500								S	S	6		
4-1500WR	1500						-		S	S	6		
4-3000II	3000	200	100	1000	500   1000	500   1000	200   500   1000	500	S	S	6		
4-3000LI	3000								S	S	6		
4-3000LL	3000								S	S	6		
4-3000NL	3000								S	S	6		
4-3000NN	3000								S	S	6		
4-3000RN	3000								S	S	6		
4-3000RR	3000								S	S	6		
4-3000WR	3000								S	S	6		

\*1 Load range for -RCE (6,000 e): 120 or 1200 kg

#### Resolution (depending on the readability)

- L	15.000 d, intervals
- I	30.000 d, intervals
- BCE	1 × 3.000 e, verifiable intervals
- NCE	2 × 3.000 e, verifiable intervals, multi-range, fixed fine range
- MCE	2 × 3.000 e, verifiable intervals, multi-interval, adjustable fine range
- UCE	3 × 3.000 e, verifiable intervals, multi-range, fixed fine range
- RCE	1 × 6.000 e, verifiable intervals

## Dimensions



Design: ..DC, ..ED, ..FE, ..GF, ..IG

Design: ..II, ..LI, ..LL, ..NL, ..NN, ..RN, ..RR, ..WR

a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	Design
320	240	70...92	264	184	...DC-
400	300	94...110	344	244	...ED-
500	400	96...112	443	343	...FE-
650	500	90±2	550	400	...GF-
800	600	90±2	700	500	...IG-
800	800	90	604	604	...II-
1000	800	90	804	604	...LI-
1000	1000	90	804	804	...LL-
1250	1000	90	1054	804	...NL-
1250	1250	90	1054	1054	...NN-
1500	1250	90	1304	1054	...RN-
1500	1500	90	1304	1304	...RR-
2000	1500	100	1804	1304	...WR-

## Options

The selection of different options allows the customer to create a customized design for the platform. If the option code is indicated in the order, then the platform is delivered with the desired features (retrofitting with different options is possible by ordering the respective accessories).

		Platform dimensions A × B in mm												
Option		DC 320 × 240	ED 400 × 300	FE 500 × 400	GF 650 × 500	IG 800 × 600	II 800 × 800	LI 1000 × 800	LL 1000 × 1000	NL 1250 × 1000	NN 1250 × 1250	RN 1500 × 1250	RR 1500 × 1500	WR 2000 × 1500
<b>Base frame design</b>														
Base frame V4A electropolished S2		•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Load plate design (only one option can be selected)</b>														
V4A electropolished	R2	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Other functions</b>														
Load plate lift-up design	T1						•	•	•	•	•	•	•	•
Suitable for use in zones 2 and 22 (ATEX mark: II 3G Ex nA IIC T6 Gc II 3D Ex tD IIIC T80°C Dc	Y2	•	•	•	•	•	•	•	•	•	•	•	•	•
Platform in IP69K (for CAAPS4, not for readability 2*3.000e MI, 3*3.000e MR, 6.000e)	I69	•	•	•			•	•	•	•	•	•	•	•
<b>Certificates</b>														
Test log   certificate	Z3	•	•	•	•	•	•	•	•	•	•	•	•	•

## Accessories

Description	Order reference
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### Electrical accessories

Plug and socket kit to connect analog platforms to indicators (separable connection)	YAS99I
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Connection cable to platforms, junction box or weighing devices, 8 × 0.5 mm <sup>2</sup> , approx. 8 mm outer diameter, shielded, sold by the meter for customers to cut to size *3	69Y01100
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### Mechanical accessories

Screw-fixed sheet metal plate for the indicator platform (separate display), stainless steel 1.4301 (V2A) only for platform dimensions 400 × 300 mm (ED) and 500 × 400 mm (FE) *3	YDH12CWS
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### Brackets for wall mounting

Bracket for wall mounting, stainless steel (also for use in Zones 1, 2, 21, 22)	YDH01CIS
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Bracket for wall mounting, stainless steel, tiltable indicator (also for use in Zones 1, 2, 21, 22)	YDH02CIS
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\*3 suitable for use in Zones 2 + 22

Description	Order designation
<b>Floor-mounted column</b>	
Floor-mounted column, painted, height 1.1 m (also for use in Zones 1, 2, 21, 22)	YDH03CIP
Floor-mounted column, stainless steel, height 1.1 m (also for use in Zones 1, 2, 21, 22)	YDH03CIS
<b>Floor-mounted column accessories</b>	
Column supports in stainless steel (4 supports)	YBP03CIS
Plate for attaching a printer to the floor-mounted column or bench stand	YPP01CWS
Mount for barcode scanner, to be attached to: floor-mounted column, bench stand	YBH01CWS
<b>Stainless steel column for fastening indicator to platform, for platform dimensions: *3</b>	
320 × 240 mm, column height 330 mm	YDH01CWS
400 × 300 mm and 500 × 400 mm, column height 500 mm	YDH02CWS
500 × 400 mm, column height 750 mm	YDH03CWS
<b>Stainless steel drive-on ramp for platform dimensions: *3</b>	
800 × 600 mm (ramp dimensions: 1,200 × 600 mm)	YAR01CWS
800 × 800 mm, 1,000 × 800 mm (ramp dimensions: 1,200 × 800 mm)	YAR06CWS
1,000 × 1,000 mm, 1,250 × 1,000 mm (ramp dimensions: 1,200 × 1,000 mm)	YAR02CWS
1,250 × 1,250 mm, 1,500 × 1,250 (ramp dimensions: 1,200 × 1,250 mm)	YAR03CWS
1,500 × 1,500 mm (ramp dimensions: 1,200 × 1,500 mm)	YAR04CWS
2,000 × 1,500 mm (ramp dimensions: 1,200 × 1,500 mm)	YAR05CWS
<b>Stainless steel drive-on ramp (tread plate) for platform dimensions: *3</b>	
800 × 600 mm (ramp dimensions: 1,200 × 600 mm)	YAR01CWST
800 × 800 mm, 1,000 × 800 mm (ramp dimensions: 1,200 × 800 mm)	YAR06CWST
1,000 × 1,000 mm, 1,250 × 1,000 mm (ramp dimensions: 1,200 × 1,000 mm)	YAR02CWST
1,250 × 1,250 mm, 1,500 × 1,250 (ramp dimensions: 1,200 × 1,250 mm)	YAR03CWST
1,500 × 1,500 mm (ramp dimensions: 1,200 × 1,500 mm)	YAR04CWST
2,000 × 1,500 mm (ramp dimensions: 1,200 × 1,500 mm)	YAR05CWST
<b>Stainless steel drive-on ramp V4A for platform dimensions: *3</b>	
800 × 600 mm (ramp dimensions: 1,200 × 600 mm)	YAR01CWS4
800 × 800 mm (ramp dimensions: 1,200 × 800 mm)	YAR06CWS4
1,000 × 1,000 mm, 1,250 × 1,000 mm (ramp dimensions: 1,200 × 1,000 mm)	YAR02CWS4
1,250 × 1,250 mm, 1,500 × 1,250 (ramp dimensions: 1,200 × 1,250 mm)	YAR03CWS4
1,500 × 1,500 mm (ramp dimensions: 1,200 × 1,500 mm)	YAR04CWS4
2,000 × 1,500 mm (ramp dimensions: 1,200 × 1,500 mm)	YAR05CWS4

\*3 suitable for use in Zones 2 + 22

Description	Order designation
<b>Stainless steel pit installation frames for platform dimensions: *3</b>	
800 × 600 mm	YEG01CWS
800 × 800 mm	YEG08CWS
1,000 × 800 mm	YEG07CWS
1,000 × 1,000 mm	YEG02CWS
1,250 × 1,000 mm	YEG03CWS
1,250 × 1,250 mm	YEG09CWS
1,500 × 1,250 mm	YEG04CWS
1,500 × 1,500 mm	YEG05CWS
2,000 × 1,500 mm	YEG06CWS
<b>Stainless steel roller conveyer for platform dimensions:</b>	
320 × 240 mm	YRC01DCS
400 × 300 mm	YRC01EDS
500 × 400 mm	YRC01FES
650 × 500 mm	YRC01GFS
800 × 600 mm	YRC01IGS
<b>Stainless steel bench for platform dimensions: *3</b>	
Stainless steel bench for platform dimensions 400 × 300 mm, adjusting range 645 – 685 mm	YWT01CWS
Stainless steel bench for platform dimensions 500 × 400 mm, adjusting range 655 – 695 mm	YWT02CWS
Stainless steel bench for platform dimensions 650 × 500 mm, adjusting range 642 – 702 mm	YWT03CWS
Stainless steel bench for platform dimensions 800 × 600 mm, adjusting range 642 – 702 mm	YWT04CWS
<b>Other mechanical accessories</b>	
Stainless steel bench support arm for attaching the indicator, adjustable height *3	YDH01WTCWS
Wheel set (2 wheels with steering and braking function) for bench *3	YRO01WTCW
Floor fastening set (2 × stainless steel plates, 4 × stainless steel floor anchor) for all platforms with 4 weighing cells *3	YFP01CWS
Fastening kit for locking the two feet of the weighing platform to the ramp and for all applications with pit installation from size 800 × 800 mm	YFP02CWS

\*3 suitable for use in Zones 2 + 22

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