

# Data sheet

## iL Economy 4000 F/MP

**BIZERBA**

The load carriers of iL Economy series are adequate for rough industrial conditions despite their low construction. Their flexibility makes them universal usable - excellent weighing results are guaranteed.



More information  
High performance  
with a wide range of  
solutions and  
equipment variants.

Specifications	Facts	Details
<b>Weighing range</b>	From 1500 kg - 3000 kg	Interval from 500 g - 1000 g
<b>Load cell</b>	DMS load cell  Nominal load up to 1100 kg	Made of stainless steel  Bearing load: 4000 kg Standard load 1: 4000 kg Standard load 2: 2800 kg Standard load 3: 2000 kg Wheel load: 600 kg Axle load: 1200 kg
<b>Dimensions load plate</b>	1000 x 1000 mm 1250 x 1000 mm 1500 x 1250 mm 1500 x 1500 mm	
<b>Material</b>	Complete stainless steel Coated steel	
<b>Construction height</b>	78 mm	levelling over levelling feet, app. + 5 mm
<b>Setup</b>	Freestanding  Built-in	Without ramp inclusive 2 fixing plates With 1 ramp inclusive 3 fixing plates With 2 ramp inclusive 4 fixing plates  Pit frame (optional)
<b>Protection class</b>	IP 67  IP 68	Load cell  Cable connection box
<b>Ex variant</b>	Zone 1/21 Zone 2/22	Load cell in Ex-ib variant for Ex zone 1 & 21 Additional plate für Ex zone 2 & 22  no Ex variant for coated steel
<b>Environmental temperature</b>	Operating: -10 °C to +40 °C  Storage: -50 °C to +85 °C	
<b>Own weight</b>		
<b>load carrier:</b>	Weight load carrier	Weight ramp
<b>1000 x 1000 mm</b>	84 kg	34 kg
<b>1250 x 1000 mm</b>	100 kg	34 kg
<b>1500 x 1250 mm</b>	146 kg	42 kg
<b>1500 x 1500 mm</b>	172 kg	50 kg

Optionen	Fakten	Details
<b>Cable connection box</b>	Protection class IP68	Grouted
<b>Drive up ramps</b>	Width 1000 mm – Coated plan – Coated stud plate	Coated not for Ex variant
<b>Length 650 mm or extra long with 1000 mm</b>	– Stainless steel plan – Stainless steel stud plate	Coated not for Ex variant
	Width 1250 mm – Coated plan – Coated stud plate – Stainless steel plan – Stainless steel stud plate	Coated not for Ex variant Coated not for Ex variant
<b>Pit frame</b>	Stainless steel or coated Welded construction	Dimension 1000 x 1000 Dimension 1250 x 1000 Dimension 1500 x 1250 Dimension 1500 x 1500
<b>Pit supporting plate</b>	Made of stainless steel	Required for pit/pit frame

#### Technical data

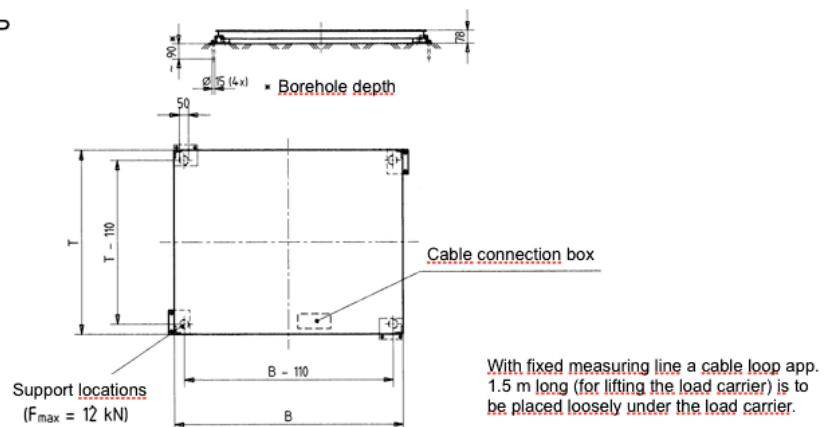
Weighing range	Interval	Dimension	Load cell	max. preload	Variant		
					Complete stainless steel	Coated	EX
1500 kg	500 g	1000 x 1000 mm	DMS Scherstab	2000 kg	X	X	X
3000 kg	1000 g	1250 x 1000 mm 1500 x 1250 mm		1000 kg	X	X	X
1500/3000 kg as 2-Interval	500/1000 g	1500 x 1500 mm		1000 kg	X	X	X

#### Symbolen

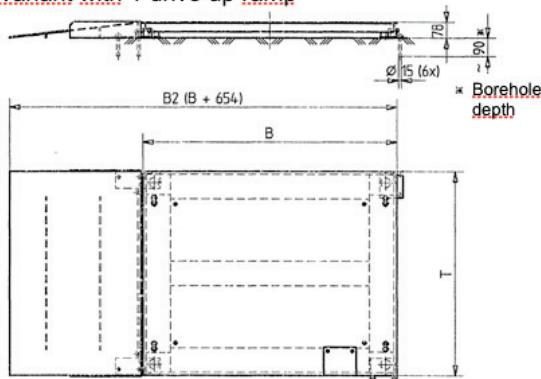
 IP 67	 IP 68	 Ex-Zone 1/21	 Ex-Zone 2/22	 Multi-Point	 Ground	 Pit	 DMS
							load cell

## Dimensions

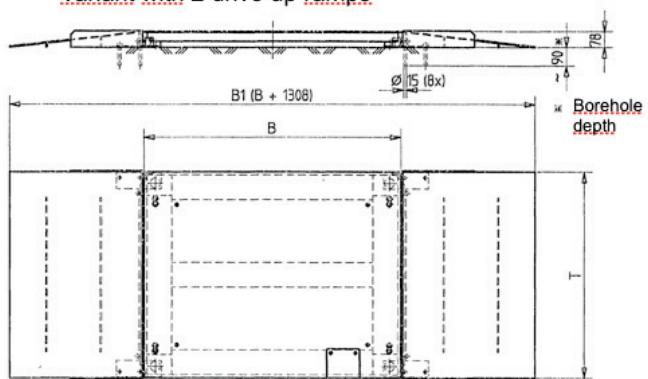
### iL Economy 2000/4000 F/MP



### Variant with 1 drive up ramp



### Variant with 2 drive up ramps



## Members of the Bizerba Group

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Specifications	Facts	Details
<b>Weighing range</b>	From 300 kg - 1500 kg	Interval from 100 g - 500 g
<b>DMS load cell stainless steel</b>	Nominal load up to 220 kg  Nominal load up to 550 kg	Bearing load: 2000 kg Standard load 1: 750 kg Standard load 2: 600 kg Standard load 3: 400 kg Axe load: 300 kg Wheel load: 150 kg  Bearing load: 2000 kg Standard load 1: 2000 kg Standard load 2: 1400 kg Standard load 3: 950 kg Axe load: 600 kg Wheel load: 300 kg
<b>Dimensions load plate</b>	1000 x 1000 mm 1250 x 1000 mm 1500 x 1250 mm 1500 x 1500 mm	
<b>Material</b>	Complete stainless steel Coated steel	
<b>Construction height</b>	78 mm	levelling over levelling feet, app. + 5 mm
<b>Setup</b>	Freestanding  Built-in	Without ramp inclusive 2 fixing plates With 1 ramp inclusive 3 fixing plates With 2 ramp inclusive 4 fixing plates  Pit frame (optional)
<b>Protection class</b>	IP 67  IP 68	Load cell Cable connection box
<b>Ex variant</b>	Zone 1/21 Zone 2/22	Load cell in Ex-ib variant for Ex zone 1 & 21 Additional plate für Ex zone 2 & 22  no Ex variant for coated steel
<b>Environmental temperature</b>	Operating: -10 °C to +40 °C  Storage: -50 °C to +85 °C	

**Own weight**

<b>load carrier:</b>	Weight load carrier	Weight ramp
<b>1000 x 1000 mm</b>	84 kg	34 kg
<b>1250 x 1000 mm</b>	100 kg	34 kg
<b>1500 x 1250 mm</b>	146 kg	42 kg
<b>1500 x 1500 mm</b>	172 kg	50 kg

**Optionen****Fakten****Details**

<b>Cable connection box</b>	Protection class IP68	Grouted
<b>Drive up ramps</b>	Width 1000 mm – Coated plan – Coated stud plate – Stainless steel plan – Stainless steel stud plate	Coated not for Ex variant Coated not for Ex variant
<b>Length 650 mm or extra long with 1000 mm</b>	Width 1250 mm – Coated plan – Coated stud plate – Stainless steel plan – Stainless steel stud plate	Coated not for Ex variant Coated not for Ex variant
<b>Pit frame</b>	Stainless steel or coated Welded construction	Dimension 1000 x 1000 Dimension 1250 x 1000 Dimension 1500 x 1250 Dimension 1500 x 1500
<b>Pit supporting plate</b>	Made of stainless steel	Required for pit/pit frame

**Technical data**

Weighing range	Intervals	Dimension	Load cell	max. preload	Variant		
					Complete stainless steel	Coated	EX
300 kg	100 g			-	X	X	X
600 kg	200 g	1000 x 1000 mm 1250 x 1000 mm	DMS Scherstab	1200 kg	X	X	X
1500 kg	500 g	1500 x 1250 mm 1500 x 1500 mm		300 kg	X	X	X
600 / 1500kg as 2-Interval	200 / 500 g			300 kg	X	X	X

## Symbol



IP 67



IP 68

Ex-Zone  
1/21Ex-Zone  
2/22

Multi-Point



Ground

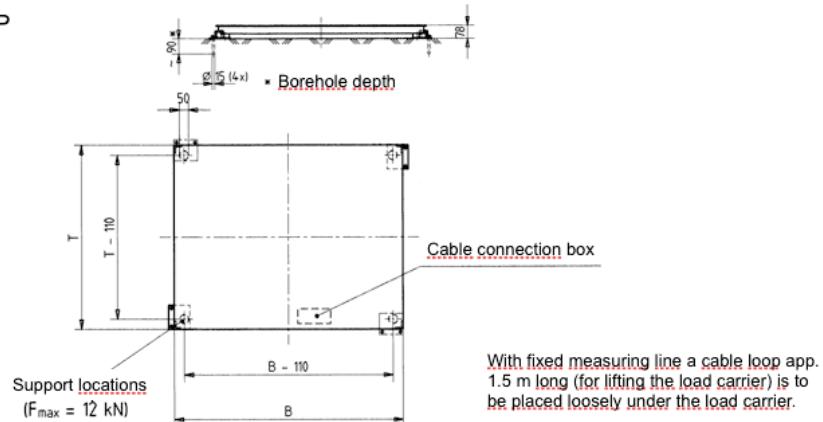


Pit

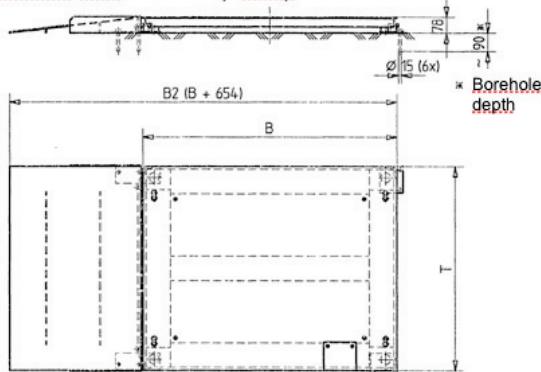
DMS  
load cell

## Dimensions

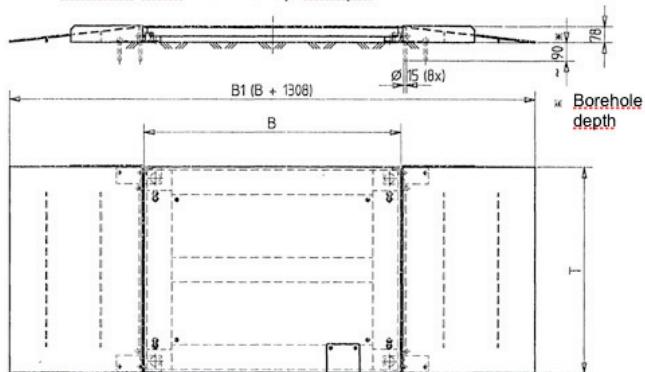
iL Economy 2000/4000 F/MP



Variant with 1 drive up ramp



Variant with 2 drive up ramps



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