

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
Weighing range	From 1500 kg - 3000 kg	Interval from 500 g - 1000 g
Load cell	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
Dimensions load plate	1000 x 1000 mm 1250 x 1000 mm 1500 x 1250 mm 1500 x 1500 mm	
Material	Complete stainless steel Coated steel	
Construction height	78 mm	levelling over levelling feet, app. + 5 mm
Setup	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)
Protection class	IP 67 IP 68	Load cell Cable connection box
Ex variant	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
Environmental temperature	Operating: -10 °C to +40 °C Storage: -50 °C to +85 °C	
Own weight		
load carrier:	Weight load carrier	Weight ramp
1000 x 1000 mm	84 kg	34 kg
1250 x 1000 mm	100 kg	34 kg
1500 x 1250 mm	146 kg	42 kg
1500 x 1500 mm	172 kg	50 kg

Optionen	Fakten	Details
Cable connection box	Protection class IP68	Grouted
Drive up ramps	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
Length 650 mm or extra long with 1000 mm	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
Pit frame	Stainless steel or coated Welded construction	Dimension 1000 x 1000 Dimension 1250 x 1000 Dimension 1500 x 1250 Dimension 1500 x 1500
Pit supporting plate	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

Symbole



IP 67



IP 68

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

Multi-Point



Ground

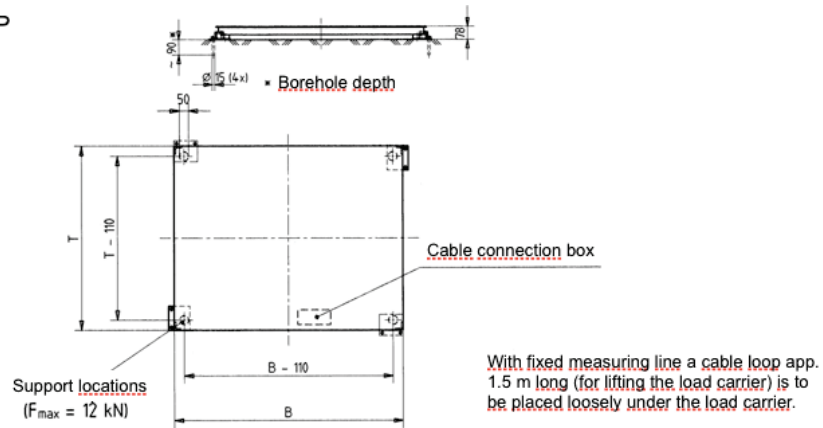


Pit

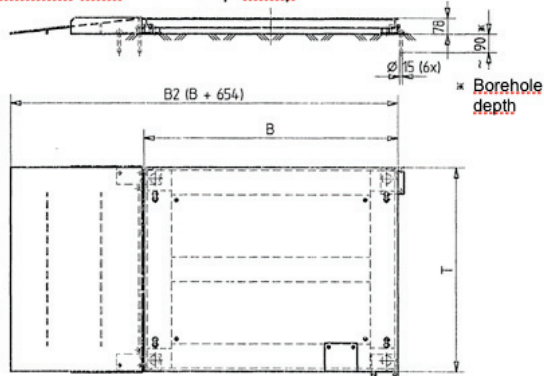
DMS
load cell

Dimensions

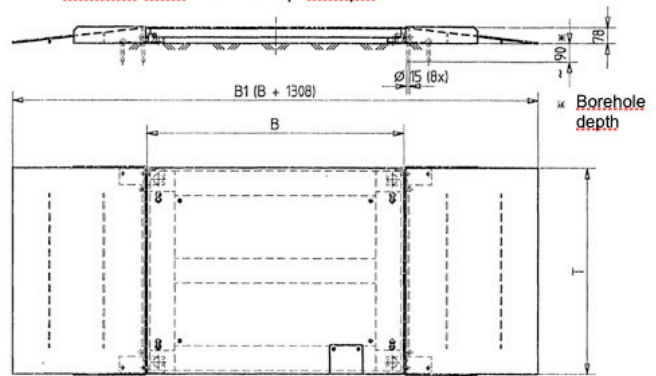
iL Economy 2000/4000 F/MP



Variant with 1 drive up ramp



Variant with 2 drive up ramps



Members of the Bizerba Group

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Data sheet

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Specifications	Facts	Details
Weighing range	From 300 kg - 1500 kg	Interval from 100 g - 500 g
DMS load cell stainless steel	Nominal load up to 220 kg	Bearing load: 2000 kg Standard load 1: 750 kg Standard load 2: 600 kg Standard load 3: 400 kg Axle load: 300 kg Wheel load: 150 kg
	Nominal load up to 550 kg	Bearing load: 2000 kg Standard load 1: 2000 kg Standard load 2: 1400 kg Standard load 3: 950 kg Axle load: 600 kg Wheel load: 300 kg
Dimensions load plate	1000 x 1000 mm 1250 x 1000 mm 1500 x 1250 mm 1500 x 1500 mm	
Material	Complete stainless steel Coated steel	
Construction height	78 mm	levelling over levelling feet, app. + 5 mm
Setup	Freestanding	Without ramp inclusive 2 fixing plates With 1 ramp inclusive 3 fixing plates With 2 ramp inclusive 4 fixing plates
	Built-in	Pit frame (optional)
Protection class	IP 67	Load cell Cable connection box
	IP 68	
Ex variant	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
Environmental temperature	Operating: -10 °C to +40 °C	
	Storage: -50 °C to +85 °C	

Own weight

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

Optionen	Fakten	Details
Cable connection box	Protection class IP68	Grouted
Drive up ramps	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
Length 650 mm or extra long with 1000 mm	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
Pit frame	Stainless steel or coated Welded construction	Dimension 1000 x 1000 Dimension 1250 x 1000 Dimension 1500 x 1250 Dimension 1500 x 1500
Pit supporting plate	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

Symbole



IP 67



IP 68

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

Multi-Point



Ground

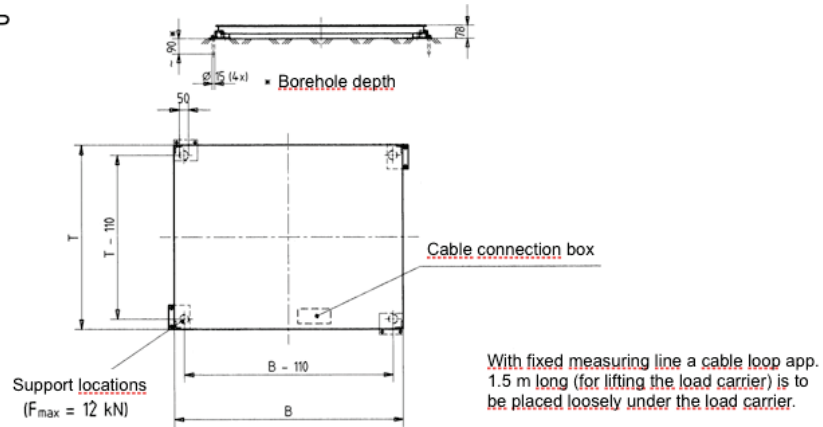


Pit

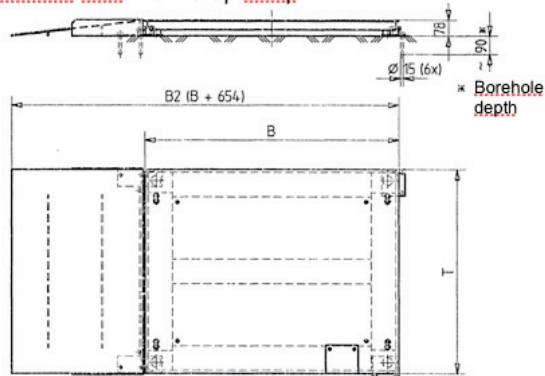
DMS
load cell

Dimensions

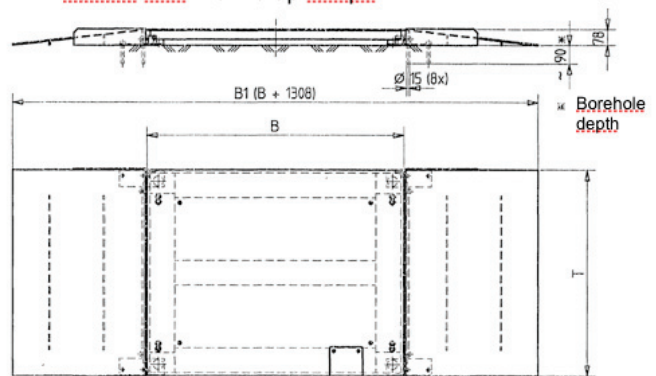
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Variant with 2 drive up ramps



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