

# Fact sheet

**BIZERBA**

## iL Professional 150F/HY

*The load carrier offering unequaled opportunities ... the robust iL Professional 150 F/HY convinces under extreme conditions by reliability, flexibility in various setups and by adherence to highest standards in hygiene and safety.*



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

Spezifications	Facts	Details
Weighing range	From 6 kg - 150 kg	Interval from 2 g - 150 g
Load cell	DMS load cell BB 15	Load cell made of stainless steel
Dimensions load plate	500 x 400 mm	
Material	<ul style="list-style-type: none"><li>– Complete stainless steel</li><li>– Load receptor stainless steel or galvanized steel</li><li>– Load plate stainless steel or V4A</li></ul>	The selection of premium material allows this load receptor to be deployed even under extreme environmental conditions.
Construction height	115 – 130 mm, levelling over levelling feet, app. + 15 mm	
Setup	Freestanding	On table or floor
Protection class	IP67	Load cells
	IP65	Cable connection box
Ex variants	Zone 1/21	Load cells Ex-ib variant
	Zone 2/22	Additional panel zone 2/22
Environmental temperature	Operation: -10 °C to +40 °C Storage: -50 °C to +85 °C	

Options	Facts	Details
<b>Preload compensation</b>	Electronical and mechanical, according to weighing range	Details in the following chart
<b>Cable connection box KA-1</b>	IP65	Grouted
<b>Roller conveyor not powered, mounted on load plate; „Not for Ex zone“ „Not for wet zone“</b>	frame: U-shaped profile, aluminium Rollers: plastic (blue) Bearing: plastic floor with stainless steel balls Axis and cross arms: stainless steel	For load plate size: 500 x 400 mm Bearing load: 60 kg Weighing range: max. 60 kg Number of rollers: 10 Frame dimensions: 490 x 397 mm Separation of rollers: 50 mm Roller conveyor height: 75 mm

**Roller conveyor  
not powered,  
mounted on  
load plate;  
„For Ex zone“  
„Not for wet zone“**

Frame: U-shaped profile, aluminium  
Rollers: galvanized steel  
Bearing: bearing insert made of galvanized steel  
sheet, with single-row ball bearing  
Axis and cross arms: galvanized steel

For load plate size: 500 x 400 mm  
Bearing load: 150 kg  
Weighing range: max. 150 kg  
Number of rollers:10  
Frame dimensions: 490 x 395 mm  
Separation of rollers: 50 mm  
Roller conveyor height: 75 mm

**Setup block**

For load receptor 500 x 400 mm,  
stainless steel

Own weight about 15 kg

**Technical data:**

Weighing range	Calibratable intervals	Dimensions	Load cell	Loading capacity	max. preload			Variant		
					Electronical	Mechanical	Total	Complete stainless steel	Galvanized steel / stainless steel	EX
15 kg	5 g			90 kg	10	18	28	X	X	X
6/15 kg	2/5 g			90 kg	-	18	18	X	X	X
30 kg	10 g			90 kg	15	18	33	X	X	X
30 kg	5 g			90 kg	15	18	33	X	X	X
15/30 g	5/10 g			90 kg	15	18	33	X	X	X
6/15/30 kg	2/5/10 g			90 kg	-	14	14	X	X	X
6/15/31.5 kg	2/5/10 g	500 x 400 mm	DMS load cell BB 15	90 kg	-	11	11	X	X	X
60 kg	20 g			150 kg	40	-	40	X	X	X
60 kg	10 g			150 kg	40	-	40	X	X	X
30/60 kg	10/20 g			150 kg	40	-	40	X	X	X
15/30/60 kg	5/10/20 g			150 kg	-	18	18	X	X	X
120 kg	20 g			150 kg	30	-	30	X	X	X
150 kg	50 g			150 kg	-	-	-	X	X	X
60/150 kg	20/50 g			150 kg	-	-	-	X	X	X
30/60/150 kg	10/20/50 g			150 kg	-	-	-	X	X	X

**Symbols**



IP65



IP67



Ex-Zone  
1/21



Ex Zone  
2/22



Hybrid scale



Ground

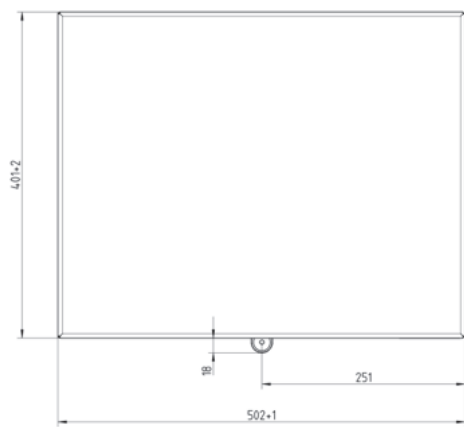
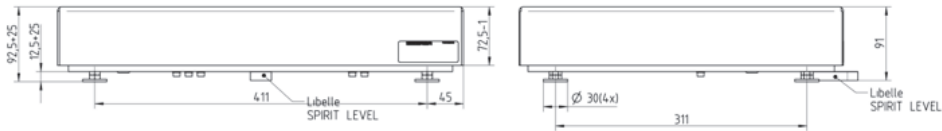


Table



Mobile

## Dimensions



## Members of the Bizerba Group

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