Eilersen
The Weighing Experts

Customized Scales

Customized scales can be supplied in any variation according to customer specifications. All scales are based on Eilersen digital IP68 load cells which tolerate up to 1000% overload with no overload and sideload protection devices - ideal for very tough environments

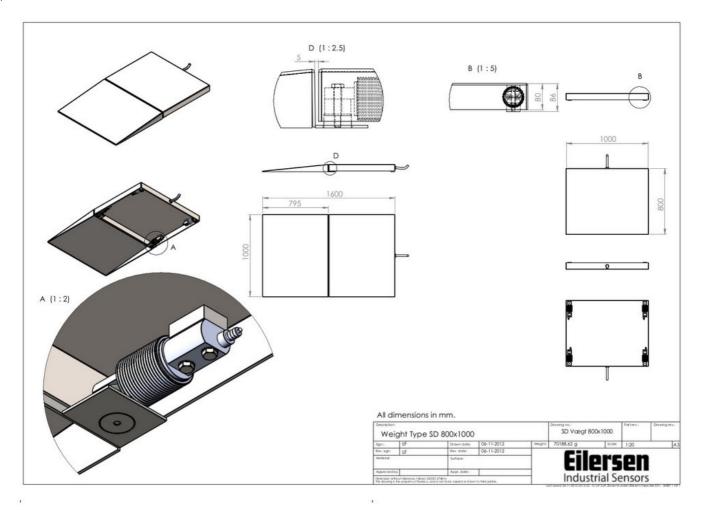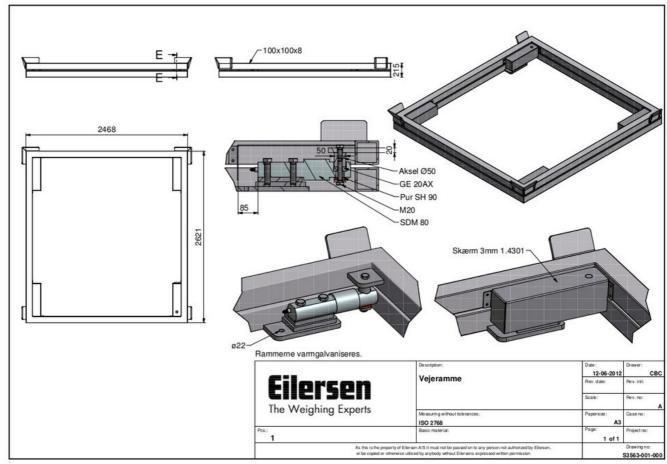|	
Type:	Customized Scale
Capacity (Emax):	Up to 5000kg
Overload Tolerance:	Up to 1000%
Options:	Specific dimensions, range and materials
	Local indicator and/or direct interface to PC, PLC or SCADA systems
	Certified versions for legal for trade

- Made in Denmark
- Dimensions, range and materials (e.g. AISI304 or 316, epoxy coating etc.) according to customer specifications
- Robust capacitive technology
- Patented high reliability capacitive sensor (IP68)
- High tolerance of up to 1000% overload
- High accuracy and high resolution
- Digital filters for reducing the influence from vibrations

- Cable length up to 100meters
- Scale calibration is independent of cable length
- A range of software modules for standard weighing, special purposes, and customer specific applications
- The status of each load cell in the scale can be monitored allowing for easy maintenance
- Local indicator and/or direct EtherNet/IP, PROFINET, EtherCAT, Modbus TCP/IP, Profibus DP, DeviceNet, RS485, 4-20mA, or 0-10Vdc interface
- Eilersen bench scales are also available with automatic compensation for seaway

Eilersen Robust Scales

Scales Dimensions
According to customer specifications

D (1 : 2.5)

5

B (1 : 5)

80

86

B

D

A (1 : 2)

A

1600

795

1000

1000

800

O

All dimensions in mm.

Description:				Drawing no.:		Part rev.:	Drawing rev.:
Weight Type SD 800x1000				SD Vægt 800x1000			
Sign.:	LF	Drawn date:	06-11-2012	Weight	70188.62 g	Scale:	A3
Rev. sign.:	LF	Rev. date:	06-11-2012			1:20	
Material:		Surface:					
Approved by:		Appr. date:					

Dimension without tolerance, follows DS/ISO 2768-m.
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Eilersen
Industrial Sensors

E

100x100x8

E

215

2468

50

20

Aksel Ø50
GE 20AX
Pur SH 90
M20
SDM 80

85

2621

Skærm 3mm 1.4301

ø22

Rammerne varmgalvaniseres.

Eilersen
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Description:		Date:	12-06-2012	Drawer:	CBC
Vejeramme		Rev. date:		Rev. init:	
		Scale:		Rev. no.:	A
Measuring without tolerances: ISO 2768		Papersize:	A3	Case no.:	
Pcs.:	1	Basic material:		Page:	1 of 1

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Drawing no.:
S3563-001-000

Parameter	Unit	Specification
Dimensions	mm	According to customer requirements
Rated capacity (Emax)	kg	According to customer requirements
Safe overload limit	% of E_{max}	Up to 1000 (10 times rated capacity)
Accuracy	div	Up to 10000 scale divisions
Resolution	% of E_{max}	up to 0.001
Protection		IP68
Material		Stainless steel AISI304 or 316
Maximum load cell cable length	m	100
Power Supply	V	24Vdc ±5% up to 230VAC
Interface options		EtherNet/IP, PROFINET, EtherCAT, Modbus TCP/IP, Profibus DP, DeviceNet, RS485, 4-20mA, 0-10Vdc
Indicator		With or without local indicator
Certified legal for trade		Optional
ATEX		Optional ATEX zone 1, 2, 21 and 22

- Customized scales for industrial applications

- Specific dimensions, range and materials
- Local indicator and/or direct interface to PC, PLC or SCADA systems
- Certified versions for legal for trade