Eilersen
The Weighing Experts

Pallet U Scales

Eilersen robust and reliable pallet scales are used in wet and tough industrial environments with overloads, vibrations, high humidity and corrosion. The pallet scales are maintenance-free and fulfil the protection degree IP68

Type:	Pallet U Scales
Capacity (Emax):	Up to 2000kg
Overload Tolerance:	Up to 500%
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 Robust Scales

Scales Dimensions
According to customer specifications

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

- Robust and reliable pallet 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