



Highly versatile weighing beams (IP67) for large loads to 6 t

Features

- Flexible solution for weighing large, bulky or long items, thanks to freely positionable weighing beams and a 5 m (!) long connecting cable between the beams
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **1** Weighing beams: steel, painted, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67, weighing beams can also be delivered as components without the display device, for details see KERN KFA-V20
- **2** Sturdy handles for transporting the weighing beams
- **2** KERN UFA-L: Each weighing beam has a roller and handle for easy transport of the scale, see larger picture
- Display device: for details see KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts

- Protective working cover included with delivery
- KERN UFA-S: Model with short weighing beams, ideal for weighing compact items or animals in transport boxes
- Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device W×D×H 250×160×65 mm
- Cable length of display device approx. 5 m
- Cable length weighing beams approx. 5 m
- Permissible ambient temperature -10 °C/40 °C



Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN KFB-A02S05
- **3** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack 0–10 V: KERN KFB-A04 4–20 mA: KERN KFB-A05
- **4** Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03
- **5** Large display with superior display size KERN YKD-A02
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Further details, plenty of further accessories and suitable printers see *Accessories*

! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

STANDARD



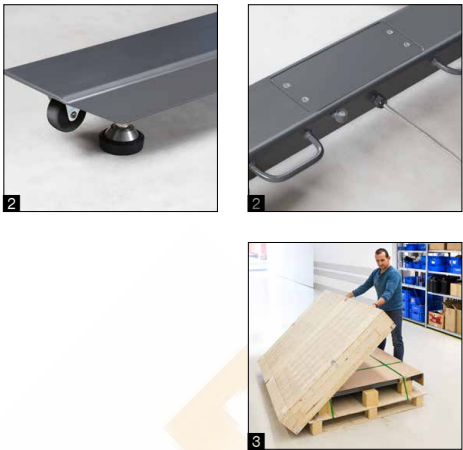
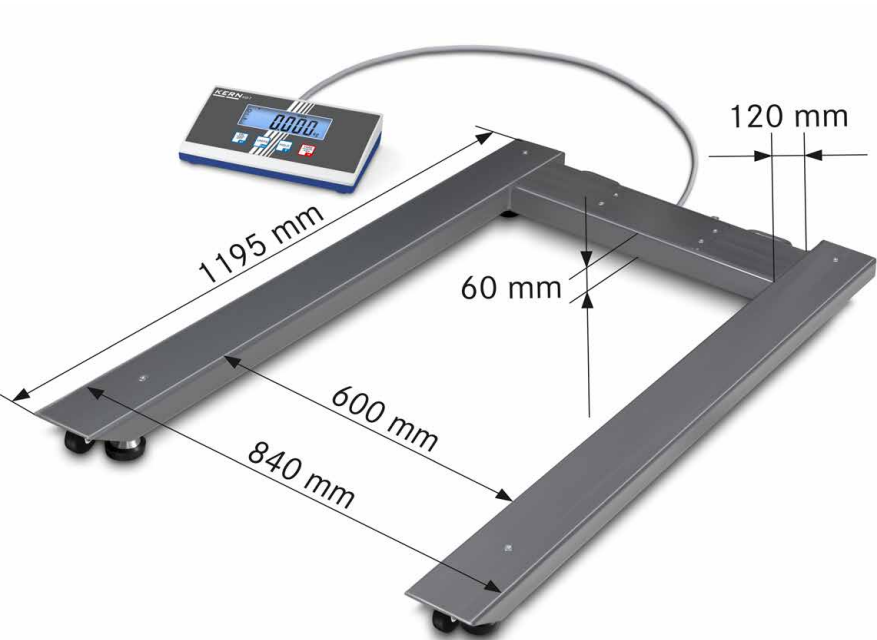
OPTION



FACTORY



Model	Weighing capacity	Readability	Dimensions Weighing beam W×D×H mm	Net weight approx.	Options DAkKS Calibr. Certificate
	[Max] kg	[d] kg		kg	DAkKS KERN
KERN					
UFA 600K-1S	600	0,2	800×120×84	36	963-130
UFA 1.5T0.5	1500	0,5	1270×170×85	40	963-130
UFA 3T1	3000	1	1270×170×85	38	963-132
UFA 3T-3L	3000	1	2000×120×90	60	963-132
UFA 6T-3	6000	2	1200×160×115	95	963-132
UFA 6T-3L	6000	2	2000×160×115	130	963-132



Pallet scale with steel load support (IP67) and the best price-to-performance ratio

Features

- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- 1 Load support: steel, powder coated, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- 2 The scale can be easily transported using rollers and a handle and does not require much storage space
- Protective working cover included with delivery
- 3 Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead.

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 5 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B

! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

11

STANDARD

CAL EXT

UNIT

MOVE

IP 67

BATT

MULTI

DMS

2 DAYS

OPTION

DAkKS

+3 DAYS

Model	Weighing capacity	Readability	Net weight approx.	Options
	[Max] kg	[d] kg	kg	DAkKS Calibr. Certificate DAkKS KERN
KERN				
UIB 1.5T-4	1500	0,5	55	963-130
UIB 600K-1	600	0,2	55	963-130
UIB 3T-3	3000	1	55	963-132



Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device
W×D×H 268×115×80 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

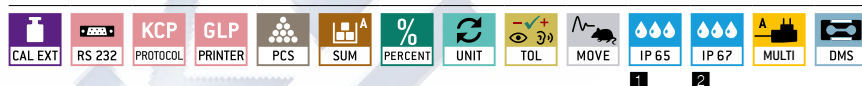
- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05
- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01
- USB data interface, for transferring weighing to the PC, printer etc., must be ordered at purchase, KERN KIB-A03
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04
- WiFi interface for wireless connection of the balance to networks and WiFi capable devices, such as tablets, laptops or smartphones, continuous data transfer, must be ordered at purchase, KERN KIB-A10
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., must be ordered at purchase, KERN KIB-A01
- Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, KERN KIB-A12

High-resolution multi-range pallet scale with a wide range of interfaces, verification optional

Features

- Multi-range pallet scale! Ideal, when high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that two balances can be replaced with one – which saves space and money!
- High mobility thanks to rechargeable battery operation (optional)
- **1** Display device: Protection against dust and water splashes IP65
- **2** Load support: steel, powder coated, 4 load cells, alloy steel, silicone-coated, protection against dust and water splashes IP67
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Totalising of weights and piece counts
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol.
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- Protective working cover included with delivery

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Cable length of display device approx. m	Net weight approx. kg	Verification	Options DAKKS Calibr. Certificate
KERN						M KERN	DAKKS KERN
UID 600K-1M	600	0,2	4	5	44	965-230	963-130
UID 1500K-1M	1500	0,5	10	5	44	965-230	963-130
UID 3000K-0M	3000	1	20	5	44	965-232	963-132
Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range							
UID 600K-1DM	300 600	0,1 0,2	2 4	5	44	965-230	963-130
UID 1500K-1DM	600 1500	0,2 0,5	4 10	5	44	965-230	963-130
UID 3000K-0DM	1500 3000	0,5 1	10 20	5	44	965-232	963-132

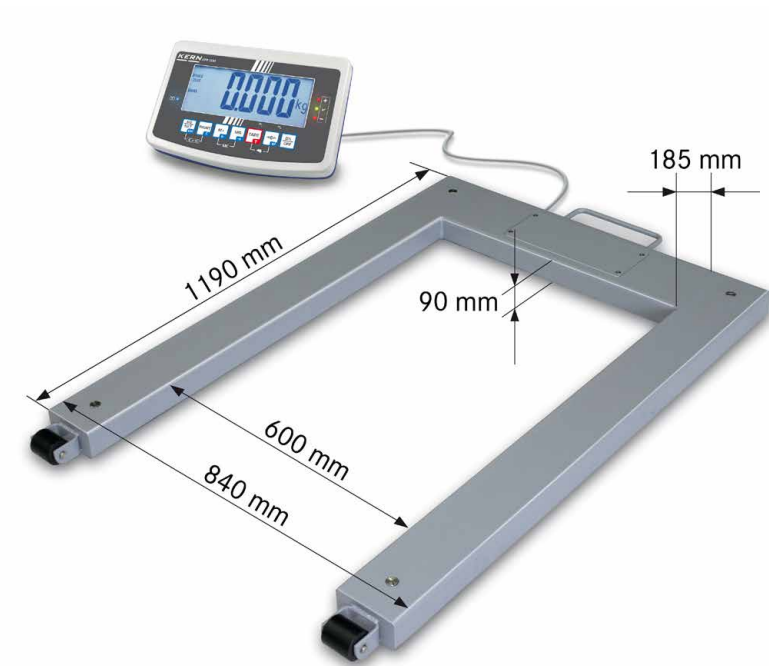
Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order.

The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame

*Only one optional interface can be installed and used

! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs



Pallet scale with steel load support (IP67), verification optional

Features

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Display device: for details see KERN KERN KFB-TM
- 1 Load support: steel, powder-coated, Weighing bridge can also be delivered as component without the display device, for details see KERN KERN KFU-V20
- 4 load cells, alloy steel, silicone-coated, IP67
- Two wheels for easy transportation of the scale
- Weighing with tolerance range (checkweighing): A visual and audible signal assists the rapid checking of items on pallets
- Totalising of weights and piece counts
- Protective working cover included with delivery
- 2 Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead.

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device W×D×H 250×160×58 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN KFB-A02S05
- 3 Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03

- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack
0–10 V: KERN KFB-A04
4–20 mA: KERN KFB-A05
- 4 Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03
- 5 Large display with superior display size KERN YKD-A02
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Further details, plenty of further accessories and suitable printers see *Accessories*

! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

STANDARD

CAL EXT

RS 232

KCP

GLP

PCS

SUM

UNIT

TOL

MOVE

IP 67

MULTI

DMS

2 DAYS

OPTION

DAkks

+3 DAYS

FACTORY

BT 4.0

ANALOG

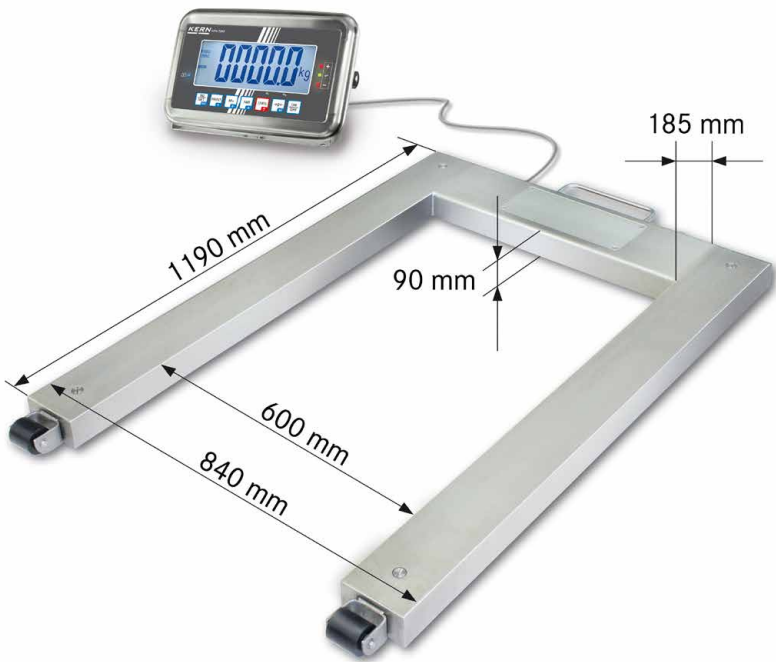
ACCU

+3 DAYS

M

Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Verification value [e] kg	Minimal load [Min] kg	Net weight approx. kg	Verification KERN	Options DAkks Calibr. Certificate DAkks KERN
KERN							
UFB 600K200M	600	0,2	0,2	4	55	965-230	963-130
UFB 1.5T0.5M	1500	0,5	0,5	10	55	965-230	963-130

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.



Pallet scale with stainless steel load support (IP67) and stainless steel display device (IP65), verification optional

Features

- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- Load support: stainless steel, Weighing bridge can also be delivered as component without the display device, for details see KERN KFU-V30
- 1 4 silicone-coated steel load cells, IP67 dust and spray protection
- Your support in a HACCP-compliant quality system
- Ideal for the increased hygienic requirements in the food industries
- 2 Display device: for details see KERN KFN-TM
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Weighing with tolerance range (checkweighing): A visual and audible signal assists the rapid checking of items on pallets

- Summation of weight values
- 3 Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead.

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C
















Accessories

- 4 Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN GAB-A04
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01

- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not possible in combination with verification or RS 232 data interface, KERN KFB-A03
- Analogue module, must be ordered at purchase 0-10 V: KERN KFB-A04 4-20 mA: KERN KFB-A05
- 5 Large display with superior display size (only in combination with RS 232 data interface including interface cable KERN KFN-A01), KERN YKD-A02
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Further details, plenty of further accessories and suitable printers see *Accessories*

Optionally configurable with IP68 display device on request, details see chapter 13

! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

STANDARD										OPTION		FACTORY			
	KCP														
CAL EXT	PROTOCOL	SUM	TOL	MOVE	IP 65	IP 67	ACCU	MULTI	DMS	2 DAYS	DAkks	RS 232	BT 2.0	ANALOG	M
											+3 DAYS				+3 DAYS

Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Options	
					Verification KERN	Options DAkks Calibr. Certificate DAkks KERN
KERN						
UFN 600K200IPM	600	0,2	4	55	965-230	963-130
UFN 1.5T0.5IPM	1500	0,5	10	50	965-230	963-130

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.