

Pallet truck scales

Weighing and transporting – just one operation







Speed up your warehouse and dispatch processes with the KERN pallet truck scales.

Get the exact weight of a load and at the same time, transport it to a specific location, all in one operation. This reduces commissioning times and avoids queues in front of fixed floor scales.

These mobile weighing solutions are space-saving and deliver reliable weighing results. Differences between given and actual weights can be determined quickly e.g. in the goods-in and out department. This uncovers inaccurate quantities, saves time and money and therefore ensures a very short amortisation period of the scales original cost.

KERN pallet truck scales are of robust industrial quality, with high-level protection against dust and water splashes, with high-contrast, easy-to-read displays as well as solid wheels and load rollers – all this helps to give you practical support in your work – day after day.

Of course, all KERN pallet truck scales can also be calibrated and delivered with a DAkkS calibration certificate (optional). This ensures the high level of accuracy of your pallet truck scale.

Quick-Finder Pallet truck scales										
Readability [d] kg	Weighing capacity [Max] kg	Model KERN	Price excl. of VAT ex works €	Page	 DAYS	 CAL EXT	 SUM	 IP	 BATT	 ACCU
For an explanation on the pictos, see front flap										
1	2000	VHB 2T1	1320,-	152	2	●	●	●	●	●

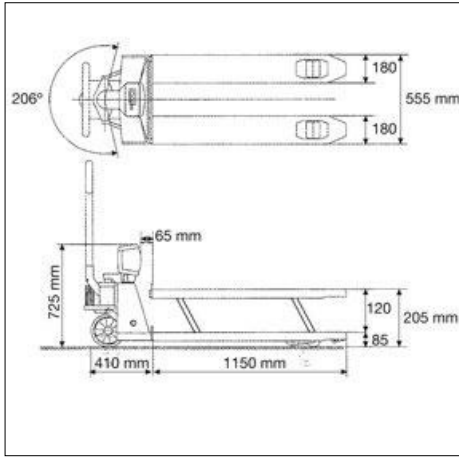
● = standard ○ = option

KERN VHB

Page 152

- The power pack in the dispatch department and the warehouse
- The display device is well-protected by a metal frame
- Optimised load rollers so that you can get over rough ground more easily and greater manoeuvrability





Pallet truck scale with complete protection against dust and water splashes IP65/67 and a memory for a container weight

Features

- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- 1 Display device: plastic, protection against dust and water splashes IP65
- 2 Load fork: Protection against dust and water splashes IP67, temporary use in wet areas possible
- Pivot range 206°
- Castors: Solid rubber on aluminium rims
- 3 Load rollers: Tandem tyres to overcome thresholds and obstacles more easily
- Totalising of weights
- Ready for use: Batteries included, 4×1.5 V AA, operating time up to 80 h

Technical data

- Large LCD display, digit height 28 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Castors made of red polyurethane on aluminium rims. Ideal for light-coloured flooring as they leave less visible abrasive marks. Suitable for the current models of the pallet truck scale range KERN VHB (when retrofitting, please give the serial number of the pallet truck scale available when ordering), scope of delivery: 1 item, KERN VHB-A02, € 160,-

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

STANDARD

CAL EXT

SUM

UNIT

IP 65

IP 67

BATT

DMS

2 DAYS

OPTION

DAkks +3 DAYS

Model	Weighing capacity	Readability	Net weight	Price excl. of VAT ex works €	Option	
					DAkks Calibr. Certificate	
	[Max] kg	[d] kg	approx. kg		DAkks KERN	€
KERN VHB 2T1	2000	1	110	1320,-	963-131	220,-

Hanging scales/Crane scales

TÜV-tested safety

KERN puts great emphasis on safety. For your safety, all KERN hanging and crane scales are subject to a stringent load test in accordance with EN 13155 and (Non-fixed load lifting attachments/breakage resistance) and EN 61010-1 (Electrical safety).

As well as the classic crane scales, we also have electronic tensile dynamometers which are extremely versatile thanks to their stable, compact construction. They can, for example, be fitted into testing machines, used for checking for overload, for bracing and tensile force measurement, etc.

This type of device is ideally suited for use between shackles or with a test bench. This is where the benefit of this construction comes to the fore, as the tensile force can be applied in both directions. These compact crane scales are also particularly suitable when weighing suspended loads where space is tight.

At the core of this construction is a robust load cell. Through the absence of moving parts, these scales are practical in maintenance and wear free.

! Note

DAkkS calibration and conformity evaluation for crane scales up to 12 t



Do you use your crane scales in ISO-certified processes or where verification is mandatory? Then we can produce the right calibration certificate or the relevant Declaration of Conformity for your measuring device. Thanks to a modern crane scale test unit, we can calibrate or verify crane scales and force-measuring devices from any manufacturer to a maximum load of up to 12 t or 120 kN. You can find all the important details on pages 214, 219 or directly from one of our test service specialists, we will be pleased to help you.

KERN HFD









Page 165

- o **Triple-range scale:** Ideal, when high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that three balances can be replaced with one – which saves space and money!
- o Also available with high protection type IP67!
- o Also EC type approval as version with calibration approval !



from €
370,-

Quick-Finder Hanging scales/Crane scales

Readability	Weighing capacity	Model	Price excl. of VAT ex works €	Page								
[d] kg	[Max] kg	KERN			For an explanation on the pictos, see front flap							
0,005	5	HDB 5K5N	60,-	157	1		●		●		●	
0,005	6	HDB 6K-3XL	85,-	158	1		●		●		●	
0,01	10	HDB 10K10N	60,-	157	1		●		●		●	
0,01	15	HDB 10K-2XL	85,-	158	1		●		●		●	
0,01	20	HCB 20K10	105,-	159	1		●		●		●	
0,01	50	HGA 50K-2S05	80,-*	155	1		●				●	
0,02	15	CH 15K20	69,-	156	1		●		●		●	
0,02	30	HDB 30K-2XL	85,-	158	1		●		●		●	
0,02	50	HCB 50K20	115,-	159	1		●		●		●	
0,02	60	HCD 60K-2	195,-	161	1		●				●	●
0,02 0,05	60 150	HCD 100K-2D	205,-	161	1		●				●	●
0,05	50	CH 50K50	75,-	156	1		●		●		●	
0,05	99	HCB 99K50	100,-	159	1		●		●		●	
0,05	150	HCD 100K-2	195,-	161	1		●				●	●
0,05	150	HFB 150K50	345,-	164	1		●					●
0,05 0,1	150 300	HCD 300K-2D	205,-	161	1		●				●	●
0,05 0,1 0,2	150 300 600	HFD 600K-1	370,-	165	1		●			●		●
0,05 0,1 0,2	150 300 600	HFD 600K-1IP	570,-	165	1		●			●		●
0,1	50	CH 50K100	65,-	156	1		●		●		●	
0,1	50	HCB 50K100	90,-	159	1		●		●		●	
0,1	50	HCN 50K100IP	130,-	160	1		●		●	●	●	
0,1	200	HCB 200K100	115,-	159	1		●		●		●	
0,1	300	HCD 300K-1	195,-	161	1		●				●	●
0,1	300	HFB 300K100	375,-	164	1		●					●
0,1	1000	HFM 1T0.1	690,-	167	1		●					●
0,1 0,2 0,5	300 600 1500	HFD 1T-4	380,-	165	1		●			●		●
0,1 0,2 0,5	300 600 1500	HFD 1T-4IP	580,-	165	1		●			●		●
0,2	100	HCB 100K200	99,-	159	1		●		●		●	
0,2	100	HCN 100K200IP	130,-	160	1		●		●	●	●	
0,2	600	HFA 600K-1	560,-	163	1		●				●	●
0,2	600	HFC 600K-1	890,-	163	1		●				●	●
0,2	600	HFB 600K200	375,-	164	1		●				●	●
0,2	600	HFD 600K-1M	480,-	165	1	○	●			●		●
0,2 0,5 1	600 1500 3000	HFD 3T-3	590,-	165	1		●			●		●
0,2 0,5 1	600 1500 3000	HFD 3T-3IP	790,-	165	1		●			●		●
0,5	200	HCB 200K500	95,-	159	1		●		●		●	
0,5	200	HCN 200K500IP	130,-	160	1		●		●	●	●	
0,5	1000	HFA 1T-4	580,-	163	1		●				●	●
0,5	1000	HFC 1T-4	890,-	163	1		●				●	●
0,5	1500	HFD 1T-4M	480,-	165	1	○	●			●		●
0,5	1500	HFO 1.5T0.5M	1030,-	168	1	○	●					●
0,5	3000	HFM 3T0.5	710,-	167	1		●					●
0,5	5000	HFM 5T0.5	930,-	167	1		●					●
0,5 1 2	1500 3000 6000	HFD 6T-3	640,-	165	1		●			●		●
0,5 1 2	1500 3000 6000	HFD 6T-3IP	840,-	165	1		●			●		●
1	500	HCB 0.5T-3	190,-	159	1		●		●		●	
1	3000	HFA 3T-3	630,-	163	1		●				●	●
1	3000	HFC 3T-3	950,-	163	1		●				●	●
1	3000	HFD 3T-3M	640,-	165	1	○	●			●		●
1	3000	HFO 3T1M	1130,-	168	1	○	●					●
1	10000	HFM 10T1	1260,-	167	2**		●					●
1 2 5	3000 6000 12000	HFD 10T-3	760,-	165	1		●			●		●
1 2 5	3000 6000 12000	HFD 10T-3IP	960,-	165	1		●			●		●
2	1000	HCB 1T-3	250,-	159	1		●		●		●	
2	5000	HFA 5T-3	690,-	163	1		●				●	●
2	5000	HFC 5T-3	1020,-	163	1		●				●	●
2	6000	HFD 6T-3M	790,-	165	1	○	●			●		●
2	6000	HFO 6T2M	1400,-	168	2**	○	●					●
5	10000	HFA 10T-3	1090,-	163	1		●				●	●
5	10000	HFC 10T-3	1410,-	163	1		●				●	●
5	12000	HFD 10T-3M	900,-	165	1	○	●			●		●

* Price set of 5 units


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

● = standard ○ = option



Ultra compact, digital luggage scale for fast weighing of luggage and other suspended loads


Features


- This ergonomically-optimised luggage scale is perfectly suited for rapid, accurate checking of cases, bags, sports baggage, etc. The high maximum load means that there is sufficient safety reserve and can therefore also be used for weighing other, suspended loads
-  Ergonomic design for easy handling
- Robust nylon fabric tape for secure fixing of the item to be weighed
- Simple and convenient 1-key operation
- Easy to toggle between units at the press of a button
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Automatic Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” for 10 sec. This leaves sufficient time to read the weight in peace


Technical data


- LCD display, digit height 9 mm
- Ready for use: Batteries included, 3V CR2032, operating time up to 20 h, AUTO-OFF function to preserve the battery, Battery level indicator on display
- Note: The models are only delivered in a set of 5 units. i.e. the price given in the table refers to a delivery of 5 items. Cannot be delivered individually. The calibration prices given here refer to calibration of a single balance

STANDARD


UNIT


BATT

DMS

1 DAY

OPTION

DAKKS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Dimensions housing W×D×H mm	Net weight/ balance approx. kg	Quantity delivered (balances)	Price excl. of VAT ex works €	Option		Quantity delivered (DAkKS Calibr. Certificate)
							DAkKS Calibr. Certificate		
KERN							DAkKS KERN	€	
							963-128H	94,-	
HGA 50K-2S05	50	10	150×31×35	0,4	5	80,-*			1

* Price set of 5 units



The classic among manual hanging scales – perfect for rapid weighing of higher loads

Features

- With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold)
- Hook, steel

Technical data

- LCD display, digit height 11 mm
- 2 Tape measure, extractable, length approx. 100 cm
- Ready for use: Batteries included, 9 V block, operating time up to 20 h
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- 3 Tare pan with pan beam, details see Accessories, KERN CH-A01N, € 70,-

STANDARD

CAL EXT

UNIT

MOVE

BATT

DMS

1 DAY

OPTION

DAKkS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Option	
						DAKkS Calibr. Certificate	
KERN						DAKkS KERN	€
CH 15K20	15	20	90×30×176,5	0,35	69,-	963-128H	94,-
CH 50K50	50	50	90×30×176,5	0,35	75,-	963-128H	94,-
CH 50K100	50	100	90×30×176,5	0,35	65,-	963-128H	94,-



Practical hanging scale for rapid, mobile weighing

Features

- 1 With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Hook, steel, can be hinged
- Peak load display (peak hold)

Technical data

- LCD display, digit height 12 mm
- Ready for use: Batteries included, 2×1.5 V AAA, operating time up to 180 h
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- 2 Tare pan with pan beam, details see Accessories, KERN CH-A01N, € 70,-

STANDARD

CAL EXT

UNIT

MOVE

BATT

DMS

1 DAY

OPTION

DAkKS

+3 DAYS

Model	Weighing capacity	Readability	Dimensions housing W×D×H	Net weight	Price excl. of VAT ex works €	Option	
						DAkKS KERN	Calibr. Certificate
KERN	[Max] kg	[d] g	mm	approx. kg			€
HDB 5K5N	5	5	72×25×105	0,20	60,-	963-127H	78,-
HDB 10K10N	10	10	72×25×105	0,20	60,-	963-128H	94,-



User-friendly hanging scale for rapid, mobile weighing

Features

- The larger design creates space for a large handle, which enables even better handling especially with heavier loads
- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold)
- Hook, steel, can be hinged

Technical data

- LCD display, digit height 12 mm
- Ready for use: Batteries included, 2×1.5 V AAA, operating time up to 180 h
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **2** Tare pan with pan beam, details see Accessories, KERN CH-A01N, **€ 70,-**

15

STANDARD

CAL EXT

UNIT

MOVE

BATT

DMS

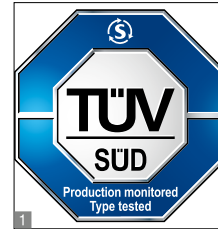
1 DAY

OPTION

DAkkS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Option	
						DAkkS Calibr. Certificate	
KERN						DAkkS KERN	€
HDB 6K-3XL	6	5	107×25×101	0,20	85,-	963-128H	94,-
HDB 10K-2XL	15	10	107×25×101	0,20	85,-	963-128H	94,-
HDB 30K-2XL	30	20	107×25×101	0,20	85,-	963-128H	94,-



Handy hanging scale for higher loads

Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold), Measuring frequency 5 Hz [Max] ≤ 200 kg: Snap link (stainless steel) with safety catch, as standard [Max] ≤ 200 kg: Hook (stainless steel) with safety catch
- **2** [Max] ≥ 0,5 t: Reinforced version for heavy loads. Snap link and Hook not included



Technical data

- LCD display, digit height 12 mm
- Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm [Max] > 200 kg: approx. 16 mm
- Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h

Accessories

for models with [Max] ≤ 20 kg

- Tare pan with pan beam, details see Accessories, KERN CH-A01N, € 70,-

for models with [Max] ≥ 100 kg

- **3** Hook with safety catch, cast steel, galvanised and lacquered, revolving. Scope of delivery: 2 shackles, 1 lacquered screw bolt, 1 hook, KERN YHA-06, € 125,-

for models with [Max] ≤ 200 kg

- Snap link (stainless steel) with safety catch, standard, opening approx. 15 mm, KERN HCB-A01, € 33,-
- Hook (stainless steel), standard, opening approx. 25 mm, KERN HCB-A02, € 30,-

for models with [Max] ≥ 0,5 t

- **4** High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models KERN HCB with [Max] ≥ 0,5 t, KERN YSC-03, € 50,-

Model	Weighing capacity [Max] kg	Readability [d] g	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Option	
						DAKKS Calibr. Certificate	
KERN						DAKKS KERN	€
HCB 20K10	20	10	82×43×153	0,30	105,-	963-128H	94,-
HCB 50K20	50	20	82×43×153	0,30	115,-	963-128H	94,-
HCB 50K100	50	100	82×43×153	0,30	90,-	963-128H	94,-
HCB 99K50	99	50	82×43×153	0,30	100,-	963-129H	110,-
HCB 100K200	100	200	82×43×153	0,30	99,-	963-129H	110,-
HCB 200K100	200	100	82×43×153	0,30	115,-	963-129H	110,-
HCB 200K500	200	500	82×43×153	0,30	95,-	963-129H	110,-
HCB 0.5T-3	500	1000	82×43×153	0,40	190,-	963-130H	200,-
HCB 1T-3	1000	2000	82×43×153	0,40	250,-	963-130H	200,-



Robust, compact hanging scale with high level of protection against dust and water spray

Features

- 1 With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Housing stainless Steel, IP65-protected against dust and water splashes
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Peak load display (peak hold), Measuring frequency 5 Hz
- Snap link (stainless steel) with safety catch, as standard
- Hook (stainless steel) as standard

Technical data

- LCD display, digit height 12 mm
- Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm
[Max] > 200 kg: approx. 16 mm
- 2 Second display on the rear of the balance
- Ready for use: Batteries included, 2×1.5 V AA, operating time up to 200 h

Accessories

- for models with [Max] ≥ 100 kg**
- 3 Hook with safety catch, cast steel, galvanised and lacquered, revolving. Scope of delivery: 2 shackles, 1 lacquered screw bolt, 1 hook, KERN YHA-06, **€ 125,-**
 - Snap link (stainless steel) with safety catch, standard, opening approx. 15 mm, KERN HCB-A01, **€ 33,-**
 - Hook (stainless steel), opening approx. 25 mm, KERN HCB-A02, **€ 30,-**

STANDARD

CAL EXT

UNIT

MOVE

IP 65

BATT

DMS

1 DAY

OPTION

DAKKS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Dimensions housing W×D×H mm	Net weight approx. kg	Price excl. of VAT ex works €	Option	
						DAKKS Calibr. Certificate	
						DAKKS KERN	€
KERN							
HCN 50K100IP	50	100	96×48×179	0,50	130,-	963-128H	94,-
HCN 100K200IP	100	200	96×48×179	0,50	130,-	963-129H	110,-
HCN 200K500IP	200	500	96×48×179	0,50	130,-	963-129H	110,-



High-resolution crane scale for loads up to 300 kg

Features

- Fully-equipped crane scale for low to medium load ranges. The solid design guarantees that extra level of safety (TÜV tested). Thanks to the large LCD display and the remote control which is delivered as standard, it can also be operated safely from a distance and results can be read off
- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- High level of mobility: thanks to battery pack operation, compact construction and low weight, it is suitable for use in several locations (production, warehouse, dispatch department, etc.)
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key

- Tare: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed
- Battery level indicator, LED visual display
- Large high-contrast display that is easy to read
- Standby function: display automatically switched off after 5 min without a change of load. Automatic activation with the touch of a key
- Hook with safety catch, revolving
- Shackle and safety catch made of nickel-plated steel
- Infrared remote control standard. Range up to 20 m. All functions can be selected. W×D×H 65×24×100 mm. Batteries included

Technical data

- Backlit LCD display digit height 28 mm
- Ready for use: Batteries included, 4×1.5 V AA, operating time up to 100 h
- Precision: 0,2 % of [Max]
- Permissible ambient temperature 5 °C/40 °C

Accessories

- Internal rechargeable battery pack for Load lifting attachments, operating time up to 50 h without backlight, charging time approx. 12 h, KERN HCD-A01, € 50,-

STANDARD

CAL EXT

UNIT

BATT

DMS

1 DAY

OPTION

ACCU

DAKKS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	③ Dimensions							Price excl. of VAT ex works €	Option DAKKS Calibr. Certificate	
				A mm	B mm	C mm	D mm	E mm	F mm	G mm		DAKKS KERN	€
KERN HCD 60K-2	60	20	1,10	150	79	97	276	250	26	18	195,-	963-129H	110,-
HCD 100K-2	150	50	1,10	150	79	97	276	250	26	18	195,-	963-129H	110,-
HCD 300K-1	300	100	1,10	150	79	97	276	250	26	18	195,-	963-129H	110,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]													
HCD 100K-2D	60 150	20 50	1,10	150	79	97	276	250	26	18	205,-	963-129H	110,-
HCD 300K-2D	150 300	50 100	1,10	150	79	97	276	250	26	18	205,-	963-129H	110,-



Compact crane scale with integrated display can also be used for tensile force measurement

Features

- **1** With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use, on building sites, in freight centres, ports etc.
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- Ideally suited for determining weight quickly while loading and unloading
- Peak load display (peak hold)
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- Tare: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed

Technical data

- Large backlit LCD display, digit height 23 mm
- Material and design of housing/load support, models with [Max] ≤ 3 t: aluminium/stainless steel bearing [Max] > 3 t: steel/steel
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 12 h
- Optional battery operation, 3×1.5 V AA not included in scope of delivery, operating time up to 40 h
- Precision: 0,2 % of [Max]
- Measuring frequency 60 Hz
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **2** High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models with [Max] ≤ 5 t: KERN YSC-01, **€ 100,-** [Max] > 5 t: KERN YSC-02, **€ 210,-**
- **3** Hook with safety catch, cast steel, galvanised and lacquered, non-revolving. Scope of delivery: 2 shackles, 1 lacquered screw bolt, 1 hook, suitable for models with [Max] ≤ 1 t: KERN YHA-01, **€ 170,-** [Max] = 3 t: KERN YHA-02, **€ 190,-** [Max] = 5 t: KERN YHA-03, **€ 230,-** [Max] > 5 t: KERN YHA-04, **€ 410,-**

15

STANDARD

OPTION

Model	Weighing capacity	Readability	Net weight	4 Dimensions					Price excl. of VAT ex works €	Option	
										DAkkS Calibr. Certificate	
				A	B	C	D	F		DAkkS KERN	€
KERN	[Max] kg	[d] g	approx. kg	mm	mm	mm	mm	mm			
HFA 600K-1	600	200	1,8	90	55	100	255	27	560,-	963-130H	200,-
HFA 1T-4	1000	500	1,8	90	55	100	255	27	580,-	963-130H	200,-
HFA 3T-3	3000	1000	2,0	90	61	100	255	27	630,-	963-132H	500,-
HFA 5T-3	5000	2000	4,0	90	61	100	255	30	690,-	963-132H	500,-
HFA 10T-3	10000	5000	6	90	71	100	275	40	1090,-	963-133H	700,-



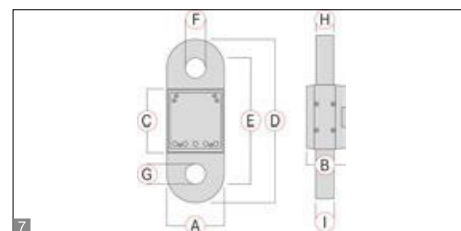
1



5



6



7

Compact crane scale for use in harsh environmental conditions or where space is limited, with convenient hand-held terminal

Features

- **1** With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use, on building sites, in freight centres, ports etc.
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- Peak load display (peak hold)
- Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically "frozen" until the Hold key is pressed
- Tare: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed

- **2** Display device with integrated radio module, which the user can carry around with him, thanks to the convenient hand strap **3**, standard. In this way the weighing data can always be read off the display device by the user, even when the user is a long way from the load receptor (force gauge) or under poor lighting conditions. Range up to 20 m, LCD display, digit height 23 mm, rechargeable battery pack internal, standard. Operating time up to 30 h without backlight, charging time approx. 12 h. Can be reordered, KERN HFC-A01, **€ 60,-**
- Dimensions of display device W×D×H 85×64×256 mm
- Net weight 0,5 kg

Technical data

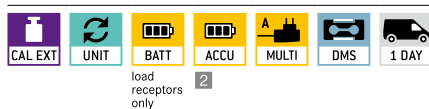
- Large backlit LCD display, digit height 23 mm
- Material and design of housing/load support, models with
[Max] ≤ 3 t: aluminium/stainless steel bearing
[Max] > 3 t: steel/steel

- Optional battery operation, 3×1.5 V AA not included in scope of delivery, operating time up to 40 h
- Precision: 0,2 % of [Max]
- Measuring frequency 10 Hz
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **4** Internal rechargeable battery pack for load support, operating time up to 30 h, without backlight, charging time approx. 12 h
- **5** High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models with
[Max] ≤ 5t: KERN YSC-01, **€ 100,-**
[Max] > 5t: KERN YSC-02, **€ 210,-**
- **6** Hook with safety catch, cast steel, galvanised and lacquered, non-revolving. Scope of delivery: 2 shackles, 1 lacquered screw bolt, 1 hook, suitable for models with
[Max] ≤ 1t: KERN YHA-01, **€ 170,-**
[Max] = 3t: KERN YHA-02, **€ 190,-**
[Max] = 5t: KERN YHA-03, **€ 230,-**
[Max] > 5t: KERN YHA-04, **€ 410,-**

STANDARD



load receptors only

OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	7 Dimensions					Price excl. of VAT ex works €	Option	
										DAkkS Calibr. Certificate	
				A	B	C	D	F		DAkkS KERN	€
KERN				mm	mm	mm	mm	mm			
HFC 600K-1	600	200	1,8	90	55	100	255	27	890,-	963-130H	200,-
HFC 1T-4	1000	500	1,8	90	55	100	255	27	890,-	963-130H	200,-
HFC 3T-3	3000	1000	2,2	90	61	100	255	27	950,-	963-132H	500,-
HFC 5T-3	5000	2000	4,0	90	61	100	255	30	1020,-	963-132H	500,-
HFC 10T-3	10000	5000	6	90	71	100	275	40	1410,-	963-133H	700,-



The professional alternative up to 600 kg with rear-facing second display

Features

- **1** With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- **2** Second display on the rear of the balance
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the Hold key is pressed
- Tare: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed
- Hook with safety catch, revolving
- Shackle and safety catch made of nickel-plated steel
- **3** Radio remote control standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). W×D×H 48×10×95 mm. Batteries included, 2×1.5 V AAA

Technical data

- Superior display size: digit height 25 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 14 h
- Precision: 0,2% of [Max]
- Permissible ambient temperature 0 °C/40 °C

STANDARD

CAL EXT

UNIT

ACCU

MULTI

DMS

1 DAY

OPTION

DAKkS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	4 Dimensions							Price excl. of VAT ex works €	Option	
												DAkkS Calibr. Certificate	
				A mm	B mm	C mm	D mm	E mm	F mm	G mm		DAkkS KERN	€
KERN													
HFB 150K50	150	50	2,2	163	126	158,5	415	385	26	25	345,-	963-129H	110,-
HFB 300K100	300	100	2,2	163	126	158,5	415	385	26	25	375,-	963-129H	110,-
HFB 600K200	600	200	2,4	163	126	158,5	415	385	26	25	375,-	963-130H	200,-



KERN HFD-M

Robust, high-resolution crane scale up to 12 t, now also with EC type approval [M] or protection type IP67



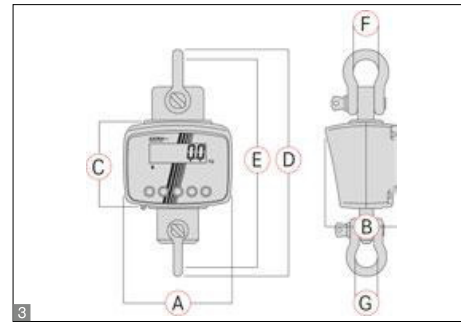
High mobility thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)



Solid shackles, non-revolving



Radio remote control standard. Range up to 20 m. All functions can be selected. W×D×H 65×24×100 mm. Batteries included, 1× 12 V 23A



Features

- The models with M add-on have EC type approval and because of this they are ideal for use in verified applications such as, for example, calculation of a total price, based on weight
- The models with IP add-on have special spray and dust protection to IP67 and because of this they are ideal for use in harsh environments
- With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the Hold key is pressed
- Tare: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed

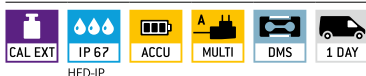
Technical data

- Superior display size: digit height 30 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Internal rechargeable battery pack, as standard, operating time up to 70 h without back light, charging time approx. 12 h. Battery pack accessible from the outside, which means it is easy to replace
- Precision: 0,2 % of [Max]
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Internal rechargeable battery pack for load support, operating time up to 70 h without backlight, charging time approx. 12 h, KERN HFD-A04, **€ 110,-**
- Charging station for external battery charging, scope of delivery: charging station, exchangeable battery, mains adapter, KERN HFD-A07, **€ 110,-**
- Hook with safety catch, cast steel, galvanised and lacquered, non-revolving, suitable for models HFD 600, HFD 1T: KERN HFD-A01, **€ 45,-**
HFD 3T: KERN HFD-A02, **€ 60,-**
HFD 6T, HFD 10T: KERN HFD-A03, **€ 100,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN HFD-A06, **€ 210,-**

STANDARD




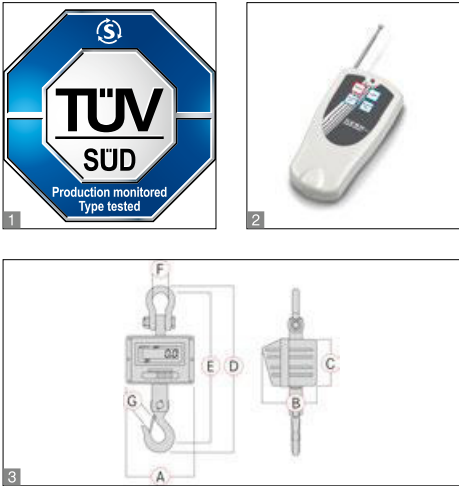
OPTION



FACTORY



Model	Weighing capacity	Readability	Net weight approx. kg	③ Dimensions							Price excl. of VAT ex works €	Option			
												Verification		DAkKS Calibr. Certificate	
				A	B	C	D	E	F = G	 KERN		€	DAkKS KERN	€	
KERN	[Max] kg	[d] g	kg	mm	mm	mm	mm	mm	mm						
Triple range balance switches automatically to the next largest weighing capacity [Max] and readability [d]															
HFD 600K-1	150 300 600	50 100 200	9	194	129	145	421	383	50,8	370,-	-	-	963-130H	200,-	
HFD 1T-4	300 600 1500	100 200 500	9	194	129	145	421	383	50,8	380,-	-	-	963-130H	200,-	
HFD 3T-3	600 1500 3000	200 500 1000	10	194	129	145	421	383	50,8	590,-	-	-	963-132H	500,-	
HFD 6T-3	1500 3000 6000	500 1000 2000	15	194	129	145	477	426	68,3	640,-	-	-	963-132H	500,-	
HFD 10T-3	3000 6000 12000	1000 2000 5000	20	194	129	145	573	510	82,5	760,-	-	-	963-133H	700,-	
Protection against dust and water splashes IP67															
HFD 600K-1IP	150 300 600	50 100 200	9	194	129	145	421	383	50,8	570,-	-	-	963-130H	200,-	
HFD 1T-4IP	300 600 1500	100 200 500	9	194	129	145	421	383	50,8	580,-	-	-	963-130H	200,-	
HFD 3T-3IP	600 1500 3000	200 500 1000	10	194	129	145	421	383	50,8	790,-	-	-	963-132H	500,-	
HFD 6T-3IP	1500 3000 6000	500 1000 2000	15	194	129	145	477	426	68,3	840,-	-	-	963-132H	500,-	
HFD 10T-3IP	3000 6000 12000	1000 2000 5000	20	194	129	145	573	510	82,5	960,-	-	-	963-133H	700,-	
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.															
Verification at the factory, we need to know the full address of the location of use.															
HFD 600K-1M	600	200	9	194	129	145	421	383	50,8	480,-	965-130H	132,-	963-130H	200,-	
HFD 1T-4M	1500	500	9	194	129	145	421	383	50,8	480,-	965-130H	132,-	963-130H	200,-	
HFD 3T-3M	3000	1000	10	194	129	145	421	383	50,8	640,-	965-132H	200,-	963-132H	500,-	
HFD 6T-3M	6000	2000	15	194	129	145	477	426	68,3	790,-	965-132H	200,-	963-132H	500,-	
HFD 10T-3M	12000	5000	20	194	129	145	573	510	82,5	900,-	965-133H	300,-	963-133H	700,-	



Robust industrial crane scale with bright LED display for optimum reading in unfavourable ambient conditions

Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Professional device for robust applications in production, quality control, logistics etc. Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)

- Adaptation to unstable environmental conditions by changing the readability
- Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the Hold key is pressed
- Tare: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed
- Hook with safety catch, revolving
- **2** Radio remote control standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). W×D×H 48×10×95 mm. Batteries included, 2×1.5 V AAA

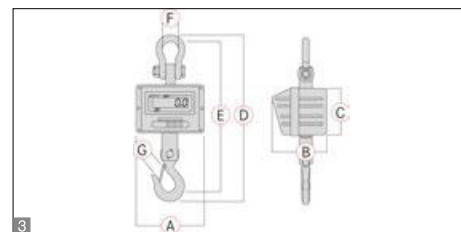
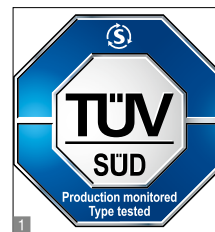
Technical data

- Superior display size: digit height 30 mm, bright with high contrast for easy reading of weighing results, even in poor lighting conditions
- Internal rechargeable battery pack, operating time up to 50 h without backlight, charging time approx. 14 h
- Precision: 0,2 % of [Max]
- Permissible ambient temperature 0 °C/40 °C

STANDARD

OPTION

Model	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	3 Dimensions							Price excl. of VAT ex works €	DAkkS Calibr. Certificate	
				A	B	C	D	E	F	G		DAkkS KERN	€
				mm	mm	mm	mm	mm	mm	mm			
HFM 1T0.1	1000	100	14	270	200	175	610	540	68	40	690,-	963-130H	200,-
HFM 3T0.5	3000	500	16	270	200	175	610	540	74	40	710,-	963-132H	500,-
HFM 5T0.5	5000	500	24	300	230	190	730	650	74	55	930,-	963-132H	500,-
HFM 10T1	10000	1000	34	300	230	190	840	750	92	60	1260,-	963-133H	700,-



Robust industrial crane scale with EC type approval [M] – perfect for high-capacity applications which require verification

Features

- **1** With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Professional device for robust applications in production, quality control, logistics etc. Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Adaptation to unstable environmental conditions by changing the readability

- High resolution readability: Readability [d] for 5 sec increased by one decimal place at the touch of a key, only for models with EC type approval
- Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the Hold key is pressed
- Tare: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed
- Hook with safety catch, revolving
- **2** Radio remote control standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). W×D×H 48×10×95 mm. Batteries included, 2×1.5 V AAA

Technical data

- Superior display size: digit height 30 mm, bright with high contrast for easy reading of weighing results, even in poor lighting conditions
- Internal rechargeable battery pack, as standard, operating time up to 50 h without back light, charging time approx. 14 h
- Precision: 0, 2 % of [Max]
- Permissible ambient temperature 0 °C/40 °C

15

STANDARD




OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Net weight approx. kg	3 Dimensions							Price excl. of VAT ex works €	Option			
												Verification		DAkkS Calibr. Certificate	
				A	B	C	D	E	F	G		 KERN	€	DAkkS KERN	€
KERN				mm	mm	mm	mm	mm	mm	mm					
HFO 1.5T0.5M	1500	500	16	270	200	175	610	540	60	35	1030,-	965-130H	132,-	963-130H	200,-
HFO 3T1M	3000	1000	17	270	200	175	610	540	80	47	1130,-	965-132H	200,-	963-132H	500,-
HFO 6T2M	6000	2000	30	300	230	190	730	650	80	54,4	1400,-	965-132H	200,-	963-132H	500,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.

Verification at the factory, we need to know the full address of the location of use.

1 ONLY WHILE STOCKS LAST!