BalanzasGalicia.com
soluciones en pesaje comercial, industrial y laboratorio

DINI ARGEO
Scales - Weighing systems

PROFESSIONAL
CRANE SCALES

MCW

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2435

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SAFETY WITHOUT COMPROMISE

The MCW series crane scales are manufactured in conformity with the European legislation, in terms of lifting appliances safety standards: 2006/42 CE; UNI EN 13155/2009; UNI EN 13889; 2014/30/EU.

The components used in the manufacture of our crane scales are **inspected** by an experienced and competent team. Our load cells are put through stringent **safety tests**. The MCW crane scales have a **breaking load** which is 5 times more than their nominal capacity (K5).

Every crane scale is supplied with a maintenance manual where the recommended periodical inspection test can be recorded. Adherence to our recommend maintenance routine will always guarantee the best performance in complete safety.

S E R I E S

HULK

Sturdy and reliable, it allows you to weigh and move the lifting load.

For permanent fitting to lifting system

Suited to the load's handling

Suited to lifting the load

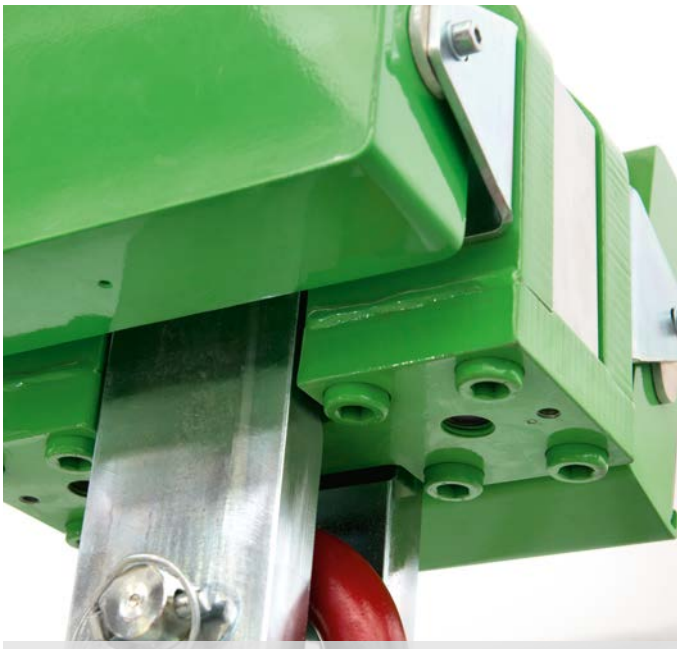
CAPACITY:
from 6.000 kg
to 25.000 kg

For indoor / outdoor

PERSPEX PROTECTIVE SCREEN

RECHARGEABLE BATTERY FOR CONTINUOUS USE 24/7

40 mm SUPER-BRIGHT RED LEDS DISPLAY



REINFORCED STRUCTURE

S E R I E S

PROFESSIONAL

Crane scale designed to weigh outdoor and in harsh industrial environments. Stainless steel construction.

Suited to lifting the load

CAPACITY:
from 3.000 kg
to 50.000 kg

For indoor / outdoor

40 mm SUPER-BRIGHT RED LEDS DISPLAY

RECHARGEABLE BATTERY FOR CONTINUOUS USE 24/7

BODY FULLY CONSTRUCTED IN STAINLESS STEEL

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S E R I E S

NINJA

Battery power supply, also rechargeable, for continuous cycle weighing.

Suited to lifting the load

CAPACITY:
from 300 kg
to 9.500 kg

For indoor

25 mm BACKLIT LCD DISPLAY

PAINTED STEEL BODY, IMPACT-RESISTANT

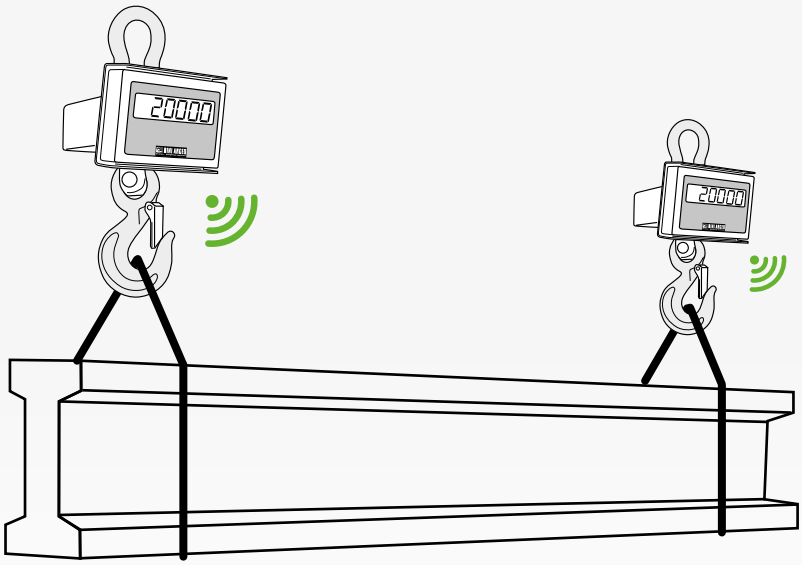
BATTERY POWER SUPPLY, ALSO RECHARGEABLE,
FOR CONTINUOUS CYCLE WEIGHING

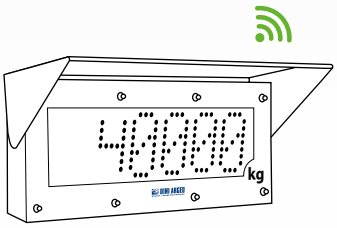
EASILY TRANSPORTABLE, THANKS TO THE CASE (STANDARD FITTED)

APPLICATIONS

1.

Multi crane scale applications to weigh tubes, beams and other large loads.



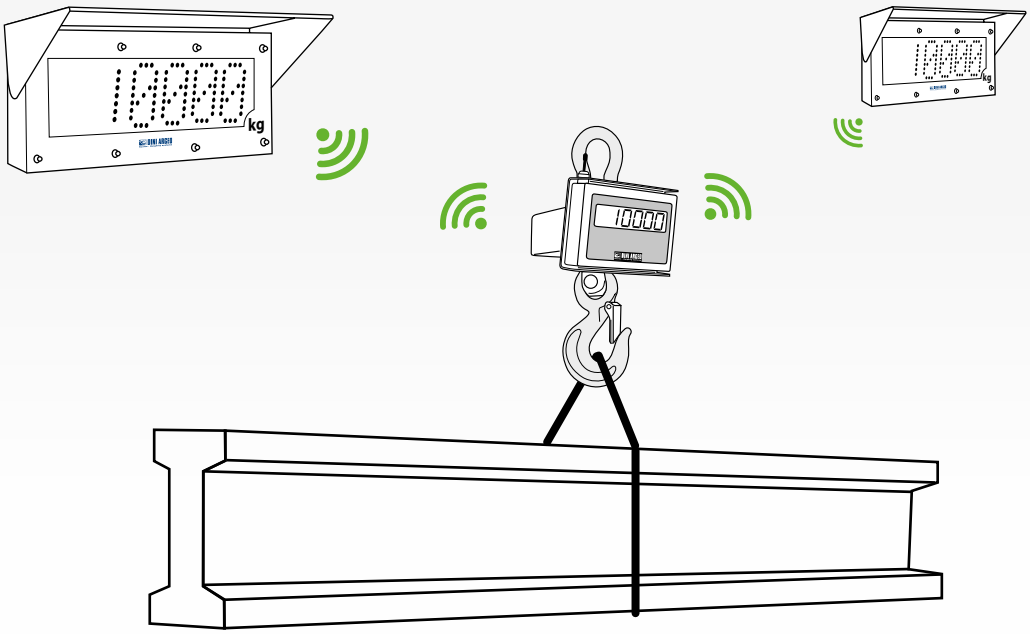


Weight repeater with large digital display for long distance viewing.

Weight repeater integrated printer.

2.

Application using one crane scale and two or more repeaters, in order to read the weight from any direction and from different positions.



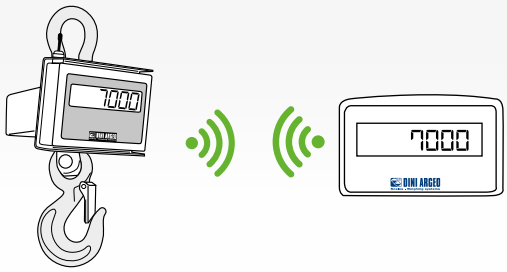
3.

Application with palm-sized weight repeater and real time data transmission, via radio to the PC.

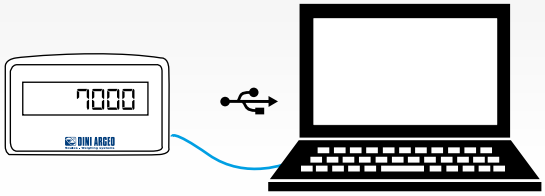
4.

Application with palm-sized weight repeater, with integrated weighing memory.

1. Weighing storage



2. Weighing download to PC at the end of the working day

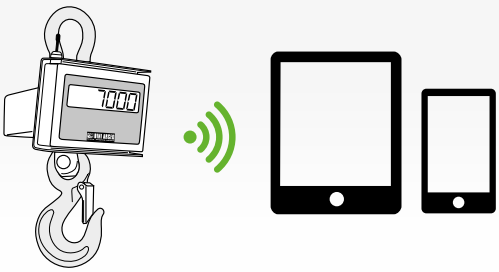


5.

Network data transmission via Wi Fi.

6.

Tablet and smartphone weighing management, through specific apps.



DATA COMMUNICATION

Thanks to the wide range of interfaces available, it is possible to connect one or more weight repeater, PC, and mobile devices to the crane scale.

WIFI

BLUETOOTH

ETHERNET

RADIOFREQUENCY

USB

COMPARATIVE TABLE

MCW

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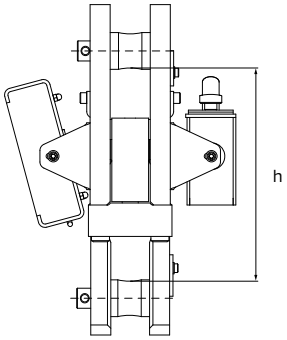
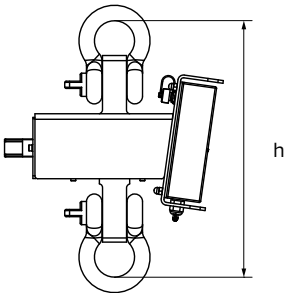
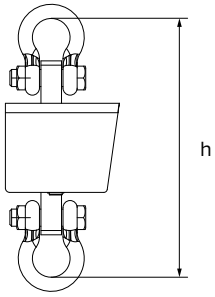
		SECURITY LEVEL	APPLICATIONS	RECOMMENDED FOR PERMANENT INSTALLATION	SUITABLE FOR HANDLING THE LOAD	SUITABLE FOR LIFTING AND WEIGHING THE LOAD	BODY / IP DEGREE OF PROTECTION	BATTERY
HULK		**DUAL SAFETY** Safety is determined both by the load cell with operation under compression (safety factor K5) and by the special reinforced support structure	IDEAL FOR WEIGHING AND HANDLING * COILS, CABLE REELS, RODS AND PIPES, BULKY RAW MATERIAL PRODUCTS * Consult the user manual for further details	✓	✓	✓	FULLY REINFORCED IN STAINLESS STEEL IP67	LONG-LIFE RECHARGEABLE AND REMOVEABLE BATTERY
PROFESSIONAL		**SINGLE SAFETY** Safety is determined by the load cell with operation under traction and K5 safety factor	WEIGHING IN CORROSIVE, WET ENVIRONMENTS OR THOSE WITH HIGH HYGIENE REQUIREMENTS			✓	FULLY IN STAINLESS STEEL IP67	RECHARGEABLE BATTERY
NINJA		**SINGLE SAFETY** Safety is determined by the load cell with operation under traction and K5 safety factor	PORTABLE DYNAMOMETER, SUITABLE FOR WEIGHING QUICKLY AND DIRECTLY WHERE NEEDED			✓	PAINTED STEEL BODY, IMPACT RESISTANT	4 AA BATTERIES EVEN RECHARGEABLE

DISPLAY	Max (kg)	d (kg)	M (kg)	HR UPON REQUEST		ATEX (zone) UPON REQUEST	h (mm)	% PRECISION	
SUPER BRIGHT RED LEDS, h = 40 mm, WITH ADJUSTABLE LIGHT INTENSITY AND ADJUSTABLE INCLINATION	6000	1	2		K5	1 & 21 2 & 22	318	± 0.03	
	10000	2	5		K5	1 & 21 2 & 22	318	± 0.03	
	15000	2	5		K5	1 & 21 2 & 22	318	± 0.03	
	25000	5	--		K5	1 & 21 2 & 22	318	± 0.03	
SUPER-BRIGHT RED LEDS, h = 40 mm, ADJUSTABLE LIGHT INTENSITY	3000	1	1	0,5	K5	1 & 21 2 & 22	380	± 0.05	
	6000	2	2	1	K5	1 & 21 2 & 22	380	± 0.05	
	9000	5	5	2	K5	1 & 21 2 & 22	434	± 0.05	
	12000	5	-	2	K5	1 & 21 2 & 22	451	± 0.1	
	17000	10	-	5	K5	1 & 21 2 & 22	581	± 0.1	
	25000	10	-	5	K5	1 & 21 2 & 22	705	± 0.1	
	30000	20	-	10	K5	1 & 21 2 & 22	730	± 0.1	
	50000	20	-	10	K5	1 & 21 2 & 22	955	± 0.1	
BACKLIT LCD, h = 25 mm, ADJUSTABLE LIGHT INTENSITY	300/600/1500	0,1/0,2/0,5	-		K5	-	302	± 0.03	
	1500	-	0,5		K5	-	302	± 0.03	
	600/1500/3000	1/0,2/0,5	-		K5	-	379	± 0.03	
	3000	-	1		K5	-	379	± 0.03	
	1500/3000/6000	0,5/1/2	-		K5	-	379	± 0.03	
	6000	-	2		K5	-	379	± 0.03	
	3000/6000/9500	1/2/5	-		K5	-	430	± 0.03	
	9000	-	5		K5	-	430	± 0.03	

ACCESSORIES

	STANDARD		OPTIONAL		
	RF OPERATING DISTANCE UP TO 50 m	IR OPERATING DISTANCE UP TO 8 m	HEAT SHIELD FOR TEMPERATURES UP TO +80°C	REMOVABLE RECHARGEABLE BATTERY KIT FOR CONTINUOUS USE 24/7	WIDE RANGE OF COMMUNICATION INTERFACES, WIFI, BLUETOOTH, RADIO ETC.
HULK	✓		✓	✓	✓
PROFESSIONAL	✓			✓	✓
NINJA		✓			✓

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FAQ

CHOOSE THE RIGHT MODEL

1. Use: permanent installation or temporary use?

Choose the MCW "Hulk" model when necessary
- fit the dynamometer permanently to the lifting system
- handle* and lift loads other than weighing.

Choose the MCW "Ninja" or MCW "Professional" models when necessary
- always have dynamometer on hand, to quickly weigh directly where needed.

2. Working environment: External or internal?

Choose MCW "Hulk" and MCW "Professional" models for use in outdoor or high humidity and harsh indoor environments. Choose the MCW "Ninja" model for indoor applications or temporary outdoor applications in compliance with their degree of protection.

3. How to choose the right capacity?

In general it is advisable to buy dynamometers with a capacity equal to or higher than that of the lifting system. For continuous heavy-duty use, it is recommended to choose over-sized capacities, even double that of the maximum load to be weighed.

4. What is the best accuracy?

Suspended weighing is the most accurate weighing system, because it cancels any friction and is not affected by the load shape. Nevertheless, it is important to remember that a dynamometer with an inadequate accuracy provides inaccurate weight measurements, which when multiplied by thousands of weighs a year, causes major losses. Certified weighing accuracy up to at least 0.05% of the lifting capacity allows the weighed material to be read properly.

5. Why choose compact sizes?

A dynamometer with a compact size allows the system's lifting space to be better used, and lets you easily weigh bulky items. The compact sizes also facilitate the handling manoeuvers.

6. For internal use or in relation with third parties?

When the weight detected by the dynamometer is used in relation with third parties, you must choose dynamometers approved in accordance with the metrological regulations.

* Consult the user manual for further details.

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DINI ARGEO FRANCE sarl	DINI ARGEO GMBH	DINI ARGEO UK Ltd	DINI ARGEO WEIGHING INSTRUMENTS Ltd	DINI ARGEO WEIGHBRIDGES
France	Germany	United Kingdom	China	Italy

The information in this document is approximate and can be subject to variations without prior notice by Dini Argeo, with respect of the norms in force. The official technical data is available in the updated version on the www.diniargeo.com web site or by contacting the Dini Argeo Customer Service.

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SALES AND TECHNICAL ASSISTANCE SERVICE

MCW1812V1_NEN