



GENERAL CATALOGUE

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COMPANY PROFILE

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COMPANY PROFILE

production design

Scales and weighing systems



Dini Argeo, a company which has been producing scales and weighing systems since 1846, has been registered since 02/04/1906 at the Registry of Metric Manufacturers provided by the Royal Decree nr. 226 of 12/06/1902. **Dini Argeo** is a company specialising in the design and manufacturing of scales and weighing systems worldwide-known for quality and reliability.

The solutions created by **Dini Argeo** are suitable for any industrial weighing application:

- reading, collection, processing and transfer of weight data
- simple, sequential, simultaneous dosage, in-loading or unloading, single or multicomponent dosage, continuous dosage on belt conveyors or loss-inweight feeding.
- Weighing in areas endangered by potentially explosive atmospheres (ATEX)
- piece counting, labelling
- control of production lines, statistical check of prepackaged products
- logistics weighing (pallet scales, pallet truck scales, weighing forks for lift trucks, crane scales)
- vehicle weighing (weighbridges, wheel weighers, static and dynamic axle weighers).

A full range of interfaces and communication protocols is available as standard thus making Dini Argeo products easily integrable into industrial automation and processing for the development of OEM systems with customisable functions.







Dini Argeo has obtained the Quality Management System certification according to the UNI EN ISO 9001: 2008 for the design, manufacture and after sales service in respect of measuring instruments, scales and weighing systems, components and software.



Dini Argeo produces approved or approvable instruments for a

legal-for-trade use following the European regulation EN 45501

The metrological marking indicates that the instrument is cov-

ered by a type approval certificate, released by an european

notified body, that validates the idoneity for a legal use. This ap-

proval is fundamental for all the instrument legal-for-trade uses,

and the directive 2014/31/EU.

in relationship with third parties.

Ex

Dini Argeo is an ATEX notified company, in accordance with the 94/9/CE (Annex IV) Directive, since 20/04/2016 with 2014/34/UE directive and therefore authorised to produce and market equipment marked by Ex-symbol intended for use in potentially explosive atmospheres.

SERVICE GENERAL CATALOGUE



Dini Argeo Group

A COMPREHENSIVE SERVICE

Dini Argeo offers the customer a complete service ranging from the working out of customised solutions and supply of weighing components to the development of software for PC and communication networks, calibration and approval services of OEM systems. Dini Argeo has grown into a group with a strong international calling, composed of subsidiaries in Europe and Asia, alongside a distribution and customer service network in more than 70 countries around the world. Dini Argeo works in cooperation with the other companies of the Group, which are market leaders in their specific field of activity:





Dini Argeo manufactures nonautomatic weighing instruments in conformity with the 2014/31/ EU Directive. The DG0126 mark states the instrument is subject to the EC verification by the manufacturer according to the Certificate of EC approval of the Production Quality Assurance System.



Dini Argeo produces instruments in compliance with the requirements laid down by the recommendations of the International Organization of Legal Metrology (OIML):

- Load cells approved to OIML R60Non-automatic weighing instru-
- ments approved to OIML R76
- OIML R134 approved dynamic weighers for vehicle transiting at a low speed.
- OIML R51 approved "start/stop" automatic catchweigher on belt conveyors.
- Gravimetric filling instruments approved to OIML R61.



Dini Argeo obtained the GOST-R certification ensuring that its instruments comply with the regulations provided for by the Russian Federation.

TYPE-APPROVAL SERVICES

Scales approved for

LEGAL-FOR-TRADE



OUR LEGAL METROLOGY SERVICES

Those scales which are intended for use in commercial weighing applications where product is sold by weight must have an **APPROVED weighing system** according to EN45501 (not automatic weighing instruments) or to MID (automatic weighing instruments).

The whole range of Dini Argeo products herein marked with a **green M-symbol** are available in CE-M approved versions, certified and suitable for legalfor-trade use.

Each approved system supplied by Dini Argeo may also be equipped with a fiscal memory (alibi memory) which certifies the weight read on the display as well as the weight transmitted to the printer or to the company's IT network.

Type-approval services



Type-approval to EN 45501 - 2014/31/EU for non-automatic weighing instruments



Type-approval to **MID R61** for automatic weighing instruments on belt conveyors







CALIBRATION SERVICES

A certificate of calibration, expression of certainty in your measurement

Irrespective of whether weighing instruments are for legal-for-trade use or commercial applications or integrated into production and logistic processes, ascertaining the measurement accuracy is a **guarantee** of **quality and time-money saving**.

Dini Argeo offers a full range of **calibration services** for weighing instruments in compliance with ISO9001 and ISO17025 standards.

Calibration services



Calibration according to ISO 17025 (DKD/DAKKS, SIT/ACCREDIA, UKAS, COFRAC, etc.) for scales or dynamometers



Calibration according to ISO 9001 for industrial weighing instruments



SOLUTIONS FOR ATEX AREAS





DINI ARGEO is a certified company authorised to manufacture and sell weighing instruments intended for use in industrial potentially explosive areas according to ATEX standards.



CLASSIFICATION OF ATEX AREAS Are there any ATEX areas in your company?

Example of activities

WHICH MAY PRODUCE EXPLOSIVE MIXTURES DURING A PROCESSING CYCLE

	MANUFACTURING AND PROCESSING OF:	Plastic, rubber, paper, leather, fibreglass, glass, wood
	METALLURGY - STEEL INDUSTRY	Iron, aluminium foundries, small metal parts
	CHEMISTRY	Chemical analysis laboratory, pharmaceutical industry, ceramics industry, pesticide production plant, paintings
A	WASTE	Landfill sites, incinerators, waste disposal and treatment plants, purification installations
0	TEXTILE INDUSTRY	Yarn weaving
\bigcirc	FOOD INDUSTRY	Baking ovens, mills
	BUILDING	Cement factories, electricity in building



The products developed by **DINI ARGEO** cover the majority of industrial weighing applications.

• The product categories marked with the **symbol "Ex"** are available in a version suitable for use in ATEX environments.

WEB

DID YOU FIND THE SOLUTION YOU WERE LOOKING FOR AND would you like more information

Would you like to discover the full range **OF SOLUTIONS** AND PRODUCTS **OFFERED BY** Dini Argeo



WOULD YOU LIKE TO LET YOUR SPECIAL REQUEST be analysed by a technical skilled staff



Visit our website www.diniargeo.com

for full product, technical information and advice for your weighing applications.



Enter THE INFORMATION area and send the request form directly from the site.

Download Dini Argeo weighing apps free of charge from Google play.

We'd be very pleased to help you choose the weighing system most suited to your needs.







AGRI-FOOD

INDUSTRY







PLATFORMS FOR LOGISTICS



FOUNDRIES, STEEL PLANTS AND DRAWING PLANTS







RAW MATERIALS







MEAT-PROCESSING INDUSTRY



8



SCALES

A specific scale for every need.

LABORATORY SCALES: analytical balances, precision balances and moisture analysers, ideal for use in laboratories, chemical and pharmaceutical industry	PAGE	10
MULTIFUNCTION SCALES ideal for use in production departments, laboratories, retail shops, warehouse and depot, receiving, control and distribution of raw materials, forwarding	PAGE	14
SCALES FOR SPECIFIC APPLICATIONS ideal for use in production departments, goods forwarding and receiving, butchering and seasoning	PAGE	20
AXLE WEIGHERS FOR VEHICLE INSPECTION ideal for use in goods and raw materials receiving and forwarding departments, overloads checking, waste disposal and recycling	PAGE	24
SCALES FOR WEIGHING GOODS ON PALLETS ideal for use in production departments, goods receiving and forwarding, warehouse	PAGE	26
WEIGHING SCALES FOR FORKLIFT TRUCKS ideal for use in production departments, goods receiving and forwarding, warehouse	PAGE	28
WEIGHING SCALES FOR CRANES AND OVERHEAD CRANES ideal for use in production departments, goods receiving and forwarding, warehouse	PAGE	30

LABORATORY SCALES



сн. 1	LABORATORY SCALES	MULTIFUNCTION SCALES	SPECIFIC SCALES	VEHICLE INSPECTION	PALLET SCALES	FORKLIFT TRUCK SCALES	CRANE / OVERH. CRANE SCALES	сн. 2	FUNCTIONALITY	SOFTWARE	



Analytical scales for laboratory

Multifunctional high-precision balances suitable for laboratory and industrial use. Paired with an advanced weight indicator, they are ideally suited for microdosing, checkweighing, labelling applications by network data sharing.

A robotised self-calibration system through internal sample weight keeps weighing accuracy unchanged for many years to come.

CAPACITY	PLATE	DIVISI	ON (g)
(g)	(mm)	STANDARD	APPROV* C€ M
120	Ø 80	0,0001	0,001
220	Ø 80	0,0001	0,001

Precision scales

Precision scales ideal for use in laboratory and industrial application. Combined with an advanced weight indicator, they are suitable for microdosing, checkweighing, labelling applications by network data sharing. These scales can be equipped with a manual calibration system through internal sample weight.

CAPACITY PLATE DIVISION (g) (g) (mm) STANDARD APPROV" (¢ M

(9)	(iiiiii)	STANDARD	APPROV [®] CE M
420	Ø 118	0,001	0,01
620	Ø 118	0,001	0,01
2200	180x160	0,01	0,1
4200	180x160	0,01	0,1



APPLICATION FIELD

1





Their stainless steel partial or complete structure makes these scales ideal for use in harsh environments requiring strict hygiene. Especially designed for statistical check of pre-packaged products or microbatching.

CAPACITY	PLATE	DIVIS	ON (g)
(g)	(mm)	STANDARD	APPROV* C€ M
320	Ø 140	0,01	0,01
620	Ø 140	0,01	0,01
3200	190×190	0,1	0,1
6200	190×190	0,1	0,1
8200	190×190	0,1	0,1
15000	190×190	0,1	1
22000	400x350	0,1	1
32000	400x350	0,1	1



Moisture analysers

These high-precision balances are suitable for determining the moisture content in materials through a special halogen lamp drying system.

CAPACITY	DIVISION (g)
(g)	STANDARD
60	0,001
210	0,001



LABORATORY SCALES



FUNCTIONALITY

SOFTWARE

сн. 1	LABORATORY SCALES	MULTIFUNCTION SCALES	SPECIFIC SCALES	VEHICLE	PALLET SCALES	FORKLIFT TRUCK SCALES	CRANE / OVERH. CRANE SCALES



Stainless steel laboratory scales

High-resolution precision scales ideal for laboratory and chemical/ pharmaceutical industry. Entirely made of stainless steel, they are protected against dust, damp and water moisture.

сн. 2

A RED LED display simplifies reading even in low temperature environments.

CAPACITY	PLATE	DIVISION (g)		
(kg)	(mm)	STANDARD	APPROV* C€ M	
2/10	190x220	0,1/1	-	
6,5	6,5 190x220		-	
3/6	190×220	-	0,5/1	
6/12	190x220	-	1/2	



Compact scales for laboratories and industry

Watertight compact multifunction scales, particularly suitable for industrial laboratories and burdensome working environments.

Characterized by their compact dimensions and ergonomic design, they are fully realized in aluminium alloy, in order to guarantee sturdiness and weighing precision.

The innovative integrated calibration weight allows to check periodically the correct functioning of the scale.

CAPACITY	PLATE	DIVISION (g)		
(kg)	(kg) (mm)		APPROV [∗] ⊂€ M	
6000	190×190	0.1	1	







Stainless steel compact scales with LCD display

These scales are characterized by the big dimensions of the loading plate, which allows to weigh fruit crates, packages and cumbersome objects easily. The colour LCD display integrates the check weight function, changing the colour according to the weighing result (scarce, good or abundant).

CAPACITY	PLATE	DIVISION (g)				
(kg)	(mm)	STANDARD	APPROV [∗] C€ M			
15/30	250x340	5/10	5/10			



Evolved version, specific for applications such as counting, manual dosage, labeling and statistic control of prepackaged goods. This scale offers use simplicity and a wide range of interfaces, in order to communicate with the main computer devices.

Moreover, it offers the possibility to connect additional bench scales, floor ones, or very-high precision scales for sampling of little dimensions components.

CAPACITY	PLATE	DIVISION (g)				
(kg)	(mm)	STANDARD	APPROV* C€ M			
3/6	250x340	0,5/1	0,5/1			
12/30	250x340	2/5	2/5			



1



MULTIFUNCTION SCALES



C.	н. 1	LABORATORY SCALES	MULTIFUNCTION SCALES	SPECIFIC SCALES	VEHICLE INSPECTION	PALLET SCALES	FORKLIFT TRUCK SCALES	CRANE / OVERH. CRANE SCALES	сн. 2	FUNCTIONALITY	сн. З	SOFTWARE



Bench scales for small objects

Scales equipped with a round pan, suitable for weighing small objects. The removable stainless steel "double face" pan is easy to clean and the spirit level level and the adjustable supporting feet allow for a correct installation also on inclined shelfs.

CAPACITY	PLATE		DIVISION (g)					
(kg)	(mm)	STANDARD	APPROV [∗] C€ M	HIGH RESOL.				
1,5	Ø 178	0,2	0,5	0,05				
3	Ø 178	0,5	1	0,1				
6	Ø 178	1	2	0,2				
15	Ø 178	2	5	0,5				

∗ <€ M On request, depending on the model: multi scale: 3000+3000e, 6000e, 6000+6000e



CONTARGED GENERAL CATALOGUE



Bench/floor scales

Easy-to-use, versatility and sturdiness are their distinguishing features. Equipped with non-slip adjustable feet, spirit level and protection against electrostatic discharge.

	230×330	300×300	330×330	400x400	400×500	500×500	500×600	600×600	700×700	800×800			
CAPACITY					PL/							DIVISION (g))
(kg)					(m	m)					STANDARD	APPROV*C€ M	HIGH RESOL.
3	•										0,5	1	0,1
6	•	•									1	2	0,2
15		•	•	•							2	5	0,5
30		•	•	•	•	•					5	10	1
60				•	•	•	•	•			10	20	2
150				•	•	•	•	•	•		20	50	5
300							•	•	•	•	50	100	10
600									•	•	100	200	20

∗ c∈ M On request, depending on the model: multi scale: 3000+3000e, 6000e, 6000+6000e



Floor scales

Made of high-quality materials these scales are composed of oversized load cells, thus ensuring durability and weighing high-accuracy. They can be installed above-ground, with ramps, as well as flush-floor.

	600×600	1000×1000	1000×1250	1250×1250	1250×1500	1500×1500	1500×2000	1500x2500	2000×2500			
CAPACITY					LAT						DIVISION (g)	
(kg)					(mm))		_		STANDARD	APPROV [∗] ⊂€ <mark>M</mark>	HIGH RESOL.
150	•									20	50	-
300	•	•	•	•						50	100	20
600		•	•	•	•	•	•			100	200	50
1500		•	•	•	•	•	•			200	500	100
3000					•	•	•	•	•	500	1000	200
6000							•	•	•	1000	2000	500
10000								•	•	2000	5000	1000

* (€ M On request, depending on the model: multi scale: 3000+3000e, 6000e, 6000+6000e

MULTIFUNCTION SCALES



сн. 1	LABORATORY SCALES	MULTIFUNCTION SCALES	SPECIFIC SCALES	VEHICLE INSPECTION	PALLET SCALES	FORKLIFT TRUCK SCALES	CRANE / OVERH. CRANE SCALES	сн. 2	FUNCTIONALITY	сн. З	SOFTWARE



Low-profile floor scales

Low-profile scales with on/off ramps for an accurate weigh measurement of the load carried by forklifts and manual pallet trucks. Ideal for use in warehouses, storage and waste separation areas.

	1000×1250	1050x1250	1250×1500	1300×1500					
CAPACITY		PL/	ATE		DIVISION (g)				
(kg)		(m	m)		STANDARD	APPROV [∗] C€ M	HIGH RESOL.		
600	•		•		100	200	50		
1500	•		•		200	500	100		
3000		•		•	1000	1000	-		

* 🕻 M On request, depending on the model: multi scale: 3000+3000e

Pallet-weighing scales

Sturdy and heavy-duty pallet-weighing scales equipped with oversized load cells. Sizes optimised to the Eur-pallet dimensional standards.

	1263x840xh85	1385x800xh85						
CAPACITY	SI	ZE	DIVISION (g)					
(kg)	(m	im)	STANDARD	APPROV [∗] c€ <mark>M</mark>	HIGH RESOL.			
600		•	100	200	50			
1500	•	•	200	500	100			
3000	•	•	500	1000	-			

* C€ M On request, depending on the model: multi scale: 3000+3000e

STAINLESS steel bench/floor scales

The STAINLESS steel structure and the load cell protected against water and dust make these scales ideal for use in harsh environment requiring strict hygiene. Easy-to-use, versatility and sturdiness are their distinguishing features. Equipped with non-slip feet, spirit level and protection against static discharge.

	230x330	300×300	330×330	400×400	400×500	500×500	500×600	600×600	700×700			
CAPACITY					LAT						DIVISION (g)
(kg)					(mm))				STANDARD	APPROVCE M	HIGH RESOL.
3	•									0,5	1	0,2
6	•	٠	•							1	2	0,5
15	•	•	•	•						2	5	1
30		•	•	•	•	•				5	10	2
60				•	•	•	•	•		10	20	5
150				•	•	•	•	•	•	20	50	10
300							•	•	•	50	100	20
600									•	100	200	50

∗ (€ M On request, depending on the model: multi scale: 3000+3000e, 6000e, 6000+6000e







STAINLESS STEEL floor scales

Made of high-quality materials these scales are composed of oversized load cells, thus ensuring durability and weighing high-accuracy. They can be installed above-ground, with ramps, as well as flush-floor.

	600x600	800×800	1000×1000	1000×1250	1250x1250	1250x1500	1500x1500	1500x2000	1500x2500	2000x2500			
CAPACITY (kg)						ATE m)					STANDARD	DIVISION (g) APPROV* < C M	HIGH RESOL.
150	•										20	50	-
300	•	•	•	•	•						50	100	20
600		•	•	•	•	•	•	•			100	200	50
1500		•	•	•	•	•	•	•			200	500	100
3000						•	•	•	•	•	500	1000	200
6000								•	•	•	1000	2000	500
10000									•	•	2000	5000	1000

∗ C€ M On request, depending on the model: multi scale: 3000+3000e, 6000e, 6000+6000e



П.

STAINLESS STEEL Low-profile floor scales

Low-profile scales with on/off ramps for an accurate weight measurement of the load carried by forklifts and manual pallet trucks. Ideal for use in warehouses, storage and waste separation areas, hospitals and chemical and pharmaceutical industry.

	1000x1250	1250×1500					
CAPACITY	PL	ATE	DIVISION (g)				
(kg)	(m	m)	STANDARD	APPROV [∗] C€ M	HIGH RESOL.		
600	•	•	100	200	50		
1500	•	•	200	500	100		

∗ ເເ M On request, depending on the model: multi scale: 3000+3000e

STAINLESS STEEL pallet-weighing scales

Sturdy and heavy-duty pallet-weighing scales equipped with oversized load cells. The sizes are optimised to the Eur-pallet dimensional standards.

CAPACITY	SIZE	DIVISION (g)			
(kg)	(mm)	STANDARD	APPROV [∗] C€ M	HIGH RESOL.	
600	1385x800xh75	100	200	50	
1500	1385x800xh75	200	500	100	
3000	1385x800xh75	500	1000	-	

∗ ເ€ M On request, depending on the model: multi scale: 3000+3000e

сн 2

MULTIFUNCTION SCALES







Portable scales on wheels

Real mobile weighing stations with weight indicator, platform, label applicator, bar code reader and many other accessories to communicate with the company information system. Available in painted or STAINLESS steel.

	LOWER LOAD PLATFORM	UPPER LOAD PLATFORM
PLATFORM (mm)	LOAD PLATFORM HEIGHT (mm)	
400x400, 400x500	260	600
600x600	270	600











Floor support columns

Made of painted steel or stainless steel, they are lightweight, easy-tohandle as well as firm-based and sturdy. Ideal for use in industrial environments. Due to removable adjustable feet they can be firmly put on any kind of surface, fixed to the floor or, by replacing the feet with simple castor wheels, easily moved for instant weighing anywhere.



Columns and brackets for compact solutions

Easy-to-install, firm-based and robust, they make the system compact and easy-to-handle. The columns are especially used for lifting up the indicator to a higher position, protecting it against dirt, dust and moisture.



Painted or STAINLESS steel raising frames for platforms

Suitable for raising the load platform, facilitating weighing operations. Available in painted or STAINLESS steel versions.

HEIGHT (mm)

.

800

COLUMNS HEIGHT (mm)

350, 500, 700

FOR LOAD PLATFORM (mm)	HEIGHT (mm)
400×400	600
600×600	600

Fixing brackets for weight indicators

Made of STAINLESS steel, they allow you to easily fix the indicator to the wall or to any vertical surfaces. Available also with adjustable inclination.



Frames for flush-floor installation

Mounted directly inside the pit, they optimise the installation of the platform for a correct operation. Available in painted or STAINLESS steel versions.



Ramps for floor scales

Suitable for non-pit mounted platform to move up/down pallet trucks and hand powered forks. A special system allows for fixing it to the platform or to the floor. Available in painted or STAINLESS steel versions.

1. Adjustable inclination bracket.

Weighing platform in-built bracket.
Fixed inclination wall bracket.

FOR LOAD PLATFORM (mm)

600x600, 1000x1000, 1000x1250, 1250x1250, 1250x1500, 1500x1500, 1500x2000, 1500x2500, 2000x2500 RAMP SIZES (mm)

1000x900, 1250x1100, 1500x1100

GENERAL CATALOGUE SINI ARGEO

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SCALES FOR SPECIFIC APPLICATIONS



CH. 1 LABORATORY MULTIFUNCTION SCALES SPECIFIC SCALES VEHICLE INSPECTION PALLET SCALES FORKLIFT TRUCK SCALES CRANE / OVERH. CRANE SCALES	^	LABORATORY	MULTIFUNCTION SCALES	SPECIFIC SCALES	VEHICLE INSPECTION	PALLET SCALES	FORKLIFT TRUCK SCALES	CRANE / OVERH. CRANE SCALES	сн. 2	FUNCTIONALITY	сн. З	SOFTWARE



Scales for iron and metal sheet weighing

Scales suitable for weighing metal section bars, rods, tubes and metal sheets in industrial and commercial applications.

Standard version manufactured pursuant to OIML R-76 / EN 45501 regulation. Weighing platforms available also in CE-M APPROVED version.

	L1000xP2000xh650	L1500xP2000xh650	L1000xP3000xh650	L1500xP3000xh650		
CAPACITY	L	LOAD PLATFORM		DIVISI	ON (g)	
(kg)		(m	m)		STANDARD	APPROV* C€ <mark>M</mark>
1500	•	•	•		200	500
3000	•	•	•		500	1000
600			•	•	1000	2000





Checkweighers for conveying lines with approved "stop & go" dynamic checkweighing

Compact, reliable and accurate +/- checkweighing systems.

Integrated into production and/or logistic conveying lines they guarantee quality and quantity of the output product. Static or dynamic operation mode. Structure made of painted or IP65 STAINLESS steel.

	800x500	1000x650		
	h = from 4	50 to 850		
CAPACITY	LOAD PL	ATFORM	DIVISION (g)	DACKS
(kg)	(mm)		STANDARD	PACKS/min
6	•		2	from 10 to 60
15	•	•	5	from 10 to 60
30	•	•	10	from 10 to 60









APPLICATION FIELD

1



and choose the indicator most suited to your needs!

Overhead rail scales

These low-profile overhead rail scales can be easily keyed to any rail conveying system, already existing or new. Manufactured in compliance with the requirements provided for by the regulations on equipment to be installed inside food environments they consist of hypersanitizable AISI 304 stainless steel structure and approved watertight oversized load cells ensuring sturdiness and durability over time.

	L300	L600			
CAPACITY	WEIGHIN		DIVISI	ON (g)	
(kg)	(m	m)	STANDARD	APPROV [∗] C€ <mark>M</mark>	
150	•		50	50	
300	•	•	100	100	
600		•	200	200	



Wall quarter-weighing scales

These scales offer the possibility of weighing quarters by using a load platform or a weighing hook. Manufactured in compliance with the requirements provided for by the regulations on equipment to be installed inside food environments they consist of hypersanitizable AISI 304 stainless steel structure and approved watertight oversized load cell ensuring sturdiness and durability over time.

CAPACITY	LOAD PLATFORM	DIVISI	ON (g)
(kg)	(mm)	STANDARD	APPROV [∗] ⊂€ <mark>M</mark>
150	490x500	50	50
300	490x500	100	100







SCALES FOR SPECIFIC APPLICATIONS





WEIGHING KITS

These weighing kits enable to turn any rigid structure into an accurate and high-performing weighing system. Each model is especially designed to meet any precise requirements: weighing of tanks, silos and hoppers as well as of belts and roller conveyors, platforms and also suspended loads such as: big bags, beams or section bars, etc.





Kit for high-load capacity systems (silos, hoppers, tanks, cisterns)

Compression load cells and assembly kit composed of watertight stainless steel accessories easy-to-install under the structure being weighed.

CAPACITY (kg)	SIZE (mm)
250, 500, 1000, 2500, 5000, 7500, 10.000, 15.000	175x150xh96
30.000	230x200xh118
50.000, 100.000	320x320xh154



Kit for medium-load capacity systems (silos, hoppers, tanks, cisterns, belts, platforms)

STAINLESS steel shear beam load cells and assembly kit made of galvanised steel easy-to-install directly under the structure being weighed.

CAPACITY (kg)	SIZE (mm)
300, 500, 1.000, 2.000	180x120xh110
3.000, 5.000	215x120xh150





Kit for low-load capacity system

(fillers, hoppers, tanks, cisterns, big bags, screw batchers)

Bending beam load cells and assembly kit in STAINLESS steel easy-to-install directly under the structure being weighed.

CAPACITY (kg)	SIZE (mm)
10, 20, 50, 100, 200, 300, 500	135x70xh86





Kit for suspended loads (big bags, hoppers, tanks)

Tension load cells and swivel eyebolts easy-to-install on lifting systems.

CAPACITY (kg)	SIZE (mm)
10, 20, 50, 100, 200, 300, 500	135x70xh86



APPLICATION FIELD

1



Weighing bars

Pair of weighing bars to be installed under any structure being weighed. A sturdy and versatile solution for hoppers, belt and roller conveyors. A large fixing surface allows an easy and immediate assembly of the structure being weighed.

	2 x (400x80xh105)	2 × (600×105×h130)	2 × (800×135×h130)	2 x (1200x150xh120)			
CAPACITY		SI				DIVISION (g)	
(kg)		(m	m)	_	STANDARD	APPROV [∗] C€ M	HIGH RESOL.
15	•				2	5	1
30	•				5	10	2
60	•	•			10	20	5
150	•	•	•		20	50	10
300		•	•		50	100	20
600			•	•	100	200	50
1500				•	200	500	100
3000				•	500	1000	200
6000				•	1000	2000	500



Continuous weighing kit for belt conveyors

This kit allows to integrate a weighing area directly into the structure of the already existing conveyor belt for a real-time measuring of the quantity of material conveyed, hourly flow rate and total weight.



The kit can be used with any kind of idle roller.

BELT WIDTH (mm)	HOURLY FLOW RATE
400	from 10 kg/h to 70 t/h
500	from 10 kg/h to 80 t/h
650	from 10 kg/h to 90 t/h
800	from 10 kg/h to 100 t/h
1000	from 10 kg/h to 120 t/h
1200	from 10 kg/h to 150 t/h

Go to chapter FUNCTIONALITY And choose t**he indicat**or most suited to your needs!



AXLE WEIGHERS FOR VEHICLE INSPECTION







VEHICLE INSPECTION

FORKLIFT TRUCK PALLET SCALES

CRANE / OVERH. CRANE SCALES сн. 2 FUNCTIONALITY

SOFTWARE



The basic model consists of two portable platforms and the weighing electronics in a practical case.



Static and dynamic axle weighers

These axle weighers are ideal for use in all those applications requiring a quick and easy weighing of on-road vehicles such as: vans, lorries, tank trucks, transporters, tractors, waggons, etc.

Especially suitable for a mobile and temporary use; their light weight, easy transport and placing allow to create in a very short time a weighing station on any kind of flat surface with a considerable time-money saving.

	2 × (500×400)	2 × (700×450)	2 × (900×500)	2 × (900×700)			
MAX. CAPACITY			ES		DIVISION (kg)		
PER AXLE (kg)		(m	m)		STANDARD	APPROV [∗] C€ M	HIGH RESOL.
3000	•				1	1	0,1
6000	•				2	2	0,2
12000	•	•	•		4	4	0,4
20000	•	•	•	•	10	10	1
25000	•	•			-	10	-
30000	•	•	•	•	10	10	1
40000			•	•	20	20	2
50000				•	20	-	2





Multiplatform wheel scales

These wheel weighing platforms allow to weigh the whole vehicle in a single operation with high accuracy approved for legal-for-trade use.

The wheel weighing system consists of a number of platforms corresponding to the number of wheels of the vehicle being weighed and is equipped with a fixed or portable indicator displaying the weight of any wheel, axle, total weight and barycentre coordinates.

This wheel weighing system offers a considerable space-time saving and is ideal for a fixed as well as mobile or seasonal use.

PLATFORM		MAX. CAPACIT	Y VEHICLES A	
SIZES (EACH) (mm)	2 AXLES (4 platforms)	3 AXLES (6 platforms)	4 AXLES (8 platforms)	5 AXLES (10 platforms)
400x300	2,4t, 6t, 12t,	3,6t, 9t, 18t,	4,8t, 12t, 24t,	6t, 15t, 30t,
	24t, 32t	36t, 48t	48t, 64t	60t, 80t
500x400	6t, 12t, 24t,	9t, 18t, 36t,	12t, 24t, 48t,	15t, 30t, 60t,
	40t, 50t, 60t	60t, 75t, 90t	80t, 100t, 120t	100t, 125t, 150t
700x450	24t, 40t,	36t, 60t,	48t, 80t,	60t, 100t,
	50t, 60t	75t, 90t	100t, 120t	125t, 150t
900x500	24t, 40t,	36t, 60t,	48t, 80t,	60t, 100t,
	60t, 80t	90t, 120t	120t, 160t	150t, 200t
900x700	40t, 60t,	60t, 90t,	80t, 120t,	100t, 150t,
	80t, 100t	120t, 150t	160t, 200t	200t, 250t

APPLICATION FIELD

1





This weighbridge is a valuable product able to combine high loading capacity and high-accuracy weighing, keeping them intact and unchanged for many years to come.

All wearing parts are oversized and made of quality materials thus ensuring the highest performance under harsh working conditions. The weighbridge is capable of taking on a daily weighing of dozens laden vehicles for the whole year, trouble-free.

As standard it also offers an automatic double division of the reading, which allows for a more accurate weighing of contained loads while keeping unchanged the high loading capacity.

	A B B B B B
--	-------------

MAX. CAPACITY (kg)	SIZE (m)	DIVISION (kg)
30000/50000	9x3xh0.37	10/20
30000/60000	13.5x3xh0.37	10/20
30000/60000	18x3xh0.37	10/20



A new concept of weighbridge

This cutting-edge weighbridge is easy to install and does not require any special lifting equipment or masonry works which can perennially take up space on the courtyard.

Compared to standard models, this weighbridge has an important advantage: it can be moved from the area of use in order to create a new weighing station elsewhere or also be removed (seasonal use).

This feature is especially appreciated in building, in port areas, in farming.

	2 × (4.5×1×h 0.22)	2 × (9×1×h 0.22)	2 × (13.5×1×h 0.22)	2 × (18×1×h0.22)	2 × (22.5×1×h 0.22)	
CAPACITY			SIZE			DIVISION (kg)
(kg)			(m)			APPROV* C€ M
15000	•					5
30000	•	•	•			10
60000		•	•	•		20
80000				•	•	50

C€ M *On request, depending on the model: multi scale: 3000+3000e

SCALES FOR WEIGHING GOODS ON PALLETS



сн. 1	LABORATORY SCALES	MULTIFUNCTIO

Ν

VEHICLE INSPECTION PALLET SCALES

FORKLIFT TRUCK

CRANE / OVERH. CRANE SCALES

FUNCTIONALITY сн. З

SOFTWARE

Multifunction pallet truck weigher

Easy-to-use and handy pallet truck scale with weight indicator integrated into a rugged steel enclosure protecting the weighing electronics against accidental impacts.

сн. 2

Powered through 4 AA batteries and equipped with an optional park brake, it can be also used on board of vehicles.

CAPACITY	FORK SIZES	DIVISION (kg)
(kg)	(mm)	STANDARD
2000	1150x550xh85	1



FINISHING

*



Pallet truck with printer and rechargeable battery

Pallet truck scale fitted with function digital keyboard and printer, suitable for weighing and printing receipts and total weight. Available in the version with large forks for "fruits & vegetables" and in a fully

AISI 304 STAINLESS steel version.

	1150×550×h85	1150x680xh85		
CAPACITY	FORK SIZES		DIVISIO	ON (kg)
(kg)	(m	m)	STANDARD	APPROV [∗] C€ <mark>M</mark>
500/1000/2000	•	•	0,2/0,5/1	-
1000/2000	•	•	-	0,5/1

Professional high-precision pallet truck scale

Pallet truck scale equipped with a special mechanical system allowing a higher accurate weighing and a greater load capacity.

CAPACITY	FORK SIZES		DIVISION (kg)		
(kg)	(mm)	STANDARD	APPROV [∗] ⊂€ M	HIGH RESOL.	
600/1500/2500	1150x550xh85	0,2/0,5/1	-	0,1/0,2/0,5	
600/1500	1150x550xh85	-	0,2/0,5	-	
1500/2500	1150x550xh85	-	0,5/1	-	

REVOLVING HEAD



Pallet truck with advanced data management

"Enterprise" is a high-order pallet truck scale using the latest technology to integrate and manage the weight data.

An advanced weighing program and a wide range of interfaces available allow it to be easily integrated into the corporate's IT network for a real-time data communication, issuing fully customised receipts or printing barcode labels. It can also be fitted with a barcode reader for a quick identification of the weighed product.

CAPACITY	FORK SIZES	DIVISION (kg)		
(kg)	(mm)	STANDARD	APPROV [∗] C€ M	
500/1000/2000	1150x550xh85	0,2/0,5/1	-	
1000/2000	1150x550xh85	-	0,5/1	

STAINLESS steel professional pallet truck scale

AISI 304 stainless steel professional pallet truck scale ideal for use in industrial environments where strict hygiene requirements must be met, suitable for the chemical and pharmaceutical industry and harsh working conditions. The weighing electronics are watertight with IP68 degree of protection.

CAPACITY	FORK SIZES	DIVISI	DN (kg)		
(kg)	(mm)	STANDARD	APPROV* C€ M		
500/1000/2000	1182x550xh80	0,2/0,5/1	-		
1000/2000	1182x550xh80	-	0,5/1		

*On request: ATEX version and "Pharma" version with standard division = 0,1 kg

Professional pallet truck scales for ATEX potentially explosive environments



Pallet truck scales suitable for use in areas classified as potentially explosive (zones 1 and 21 & 2 and 22). The weight detection, through four IP68 Atex certified stainless steel load cells, guarantees the weighing highest accuracy under any working condition. A wide range of accessories allows to transfer weighing data from the dangerous zone to the PC or the printer installed in a safe area for a subsequent processing.

CAPACITY	FORK SIZES	DIVISION (kg)					
(kg)	(mm)	STANDARD	APPROV [∗] C€ M	HIGH RESOL.			
500/1000/2000	1150x550xh85	0,2/0,5/1	-	0,1/0,2/0,5			
1000/2000	1150x550xh85	-	0,5/1	-			
600/1500/2500	1150x550xh85	0,2/0,5/1	-	0,1/0,2/0,5			
600/1500	1150x550xh85	-	0,2/0,5	-			
1500/2500	1150x550xh85	-	0,5/1	-			





SCALES FOR FORKLIFT TRUCKS



сн 1	Ι.	LABORATORY SCALES	MULTIFUNCTION SCALES	SPECIFIC SCALES	VEHICLE INSPECTION	PALLET SCALES	FORKLIFT TRUCK SCALES	CRANE / OVERH. CRANE SCALES	сн. 2	FUNCTIONALITY	сн. З	SOFTWARE



Pair of forks with in-built weighing for lift trucks, easy-to-use, sturdy and reliable. They can be quickly and easily installed in place of the original forks and allow a clear display of the loaded weight. Compatible with any lift truck equipped wit a DIN 15173 – FEM-type fork-carrying plate, IIA or IIIA class (IIB

	1160x146xh65	1160x190xh80		
CAPACITY	FORK	SIZES	DIVISI	ON (kg)
(kg)	(m	im)	STANDARD	APPROV* CE M
500/1000/2500	•		1/2/5	-
1000/2500	•		-	2/5
1000/2500/5000		•	2/5/10	-
2500/5000		•	-	5/10





INTEGRATED SOLUTIONS

APPS for smartphones and tablets for weight management and data sharing



 \star \star \star

ESSENTIAL TO:

- Read tare, gross and net weight
- Run a simple or pre-set tare and store up to 5 known tares
- Save weighing, add up and display the total immediately
- Enter texts or codes to identify any weighing.
- Share stored data on-line and in real time.

GET DINI ARGEO APPS NOW ON





The smartest and cheapest solution making your everyday work easier!



APPLICATION FIELD

1

SCALES FOR CRANES AND OVERHEAD CRANES





MULTIFUNCTION SPECIFIC SCALES

VEHICLE INSPECTION

FORKLIFT TRUCK PALLET SCALES

CRANE / OVERH. **CRANE SCALES**

FUNCTIONALITY

SOFTWARE





Compact multifunction crane scales

Compact and versatile dynamometer fitted with protection transport case, remote control for teleoperation and batteries with 40h operating time. The weighing electronics are protected against shocks thanks to the body entirely made of painted steel and the backlit LCD display ensures high visibility under all conditions.

сн. 2

	175x330	175x363	175x430		
CAPACITY		SIZES		DIVISIO	DN (kg)
(kg)		(mm)		STANDARD	e€
300/600/1500	•			0,1/0,2/0,5	0,5
1500/3000/6000		•		0,5/1/2	2
3000/6000/9500			•	1/2/5	-
9000			•	-	5

Professional STAINLESS steel crane scales

The best solution to weight suspended loads in industrial environments. The enclosure entirely made of AISI304 STAINLESS steel contains a rechargeable battery and a built-in load cell protecting them against shocks, dirty and rain. The high-brightness LED display is well visible from far-off distance and any direction.

	290×382	270×440	270×451	270×592	270×640	270×730	270x1350			
CAPACITY				IZE					DIVISION (kg)
(kg)				mm)			STANDARD	e C€ <mark>M</mark>	HIGH RESOL.
150	•							-	0,05	-
300	•							0,1	0,1	0,05
600	•							0,2	0,2	0,1
1500	•							0,5	0,5	0,2
3000		٠						1	1	0,5
6000		•						-	2	-
6500		•						2	-	1
12000			٠					5	-	2
17000				٠				10	-	5
25000					•			10	-	5
30000						•		20	-	10
50000							•	20	-	10

Professional reinforced crane scales

This dynamometer, resistant to any mechanical stress and sources of heat, is suitable for use in foundries and iron and steel industries,

The special mechanical system allows a safe load handling in case of unfavourable weather conditions or accidental overloads. Powered by a rechargeable long operating-time battery. The compact sizes do not alter the load capacity of the lifting equipment. Equipped with high-brightness LED display, protected by a removable thick Plexiglass panel.

CAPACITY	SIZE	DIVISI	ON (kg)
(kg)	(mm)	STANDARD	eceM
10000	474x305	2	10
15000	474x305	2	10
25000	474x305	5	-
35000	474x305	10	-











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APPLICATION FIELD

1

ACCESSORIES FOR CRANE AND OVERHEAD CRANE SCALES



Hooks and shackles

	CAPACITY (kg)
A Fixed hooks	1500, 7000, 15000, 22000, 30000
B Swivel hooks	10000, 15000, 25000
c Shackles	2000, 4000, 8000, 15000, 30000, 40000

Special hooks on request.

Weight repeaters



A full range of weight repeaters available in wall, bench or portable versions, also fitted with a built-in printer, used to display the weight from far-off distance, to perform the functions of a dynamometer and to print receipts or labels or to save all working data on a USB flash drive. They are also useful for weighing bulky items, lifted-up and weighed through more crane scales.



Calibration certificate

Each dynamometer can be supplied with a certificate of calibration performed in laboratory with deadweights that ensures the proper operation and expected performances. In addition, Dini Argeo offers a periodic maintenance service of the crane scale according to the safety standards in force.

A certificate of conformity to the European Machinery Directive, namely to the Directive 2006/42 EC, EN 13155 is also available on request.





THE SMARTEST AND CHEAPEST SOLUTION MAKING YOUR EVERYDAY WORK EASIER!

APPS for smartphones and tablets for weight management and data sharing



• Read tare, gross and net weight

ESSENTIAL TO:

- Run a simple or pre-set tare and store up to 5 known tares
- \bullet Save weighing, add up and display the total immediately
- Enter texts or codes to identify any weighing
- Share stored data on-line and in real time.

GET DINI ARGEO APPS NOW ON







(ALL SECTORS)



TRANSPORT AND LOGISTICS



COMMERCE AND DISTRIBUTION



ELECTRONIC INDUSTRY



AGRI-FOOD INDUSTRY PHA



COMMERCE OF COMPONENTS AND SMALL PARTS



CHEMICAL-PHARMACEUTICAL INDUSTRY



ENGINEERING INDUSTRY

CHAPTER 2

FUNCTIONALITY

Many functions, added to weighing.

H/OUT

RINI ARGEO

ZERO

By virtue of a 100-year experience and with presence in more than 70 countries worldwide, Dini Argeo offers a full range of weight indicators with specific functions created starting from our customers' requirements, thus being able to meet every need, from a simple weighing to a customised application.

MULTIFUNCTION AND SPECIFIC WEIGHT INDICATORS, ideal for use in basic weighing applications	PAGE	34
ADVANCED PROGRAMMABLE WEIGHT INDICATORS, for customised weighing applications	PAGE	36
ACCESSORIES for weight indicators	PAGE	38
WEIGHING SYSTEMS	PAGE	40

Choose the indicator most suited to your weighing needs!

MULTIFUNCTION AND SPECIFIC WEIGHT INDICATORS



Weight indicators of the multifunction range allow for quickly choosing the requested operating mode among those available. Any application mode offers functions and simple procedures to expedite and facilitate everyday work.

Horizontal totalisation	The function "totalisation" is useful for knowing the total weight of more consecutive weighings. For example it is suited to verify the load of a pallet before forwarding or the filling of tanks or the load of vehicles.
Formulation - Vertical totalisation	The "formulation" function simplifies the implementation of recipes or mixtures with known weights. Once the component is added, by pressing the dedicated key, the weight is summed up and reset. All components are then mixed and a summarising receipt can be edited at the end. The versions fitted with an enhanced keyboard can use digital IDs to identify the added product.
Pieces - quantity counting	The "pieces-counting" function is suitable for quickly knowing the quantity of pieces contained in a package, or for filling containers by picking up a certain number of pieces from the stock. The pieces-counting function allows for counting thousands of pieces quickly and accurately thus saving time and money.
Percent weighing	The "percent weighing" function is ideal when there is the need of creating mixtures with a variable total quantity, while keeping constant the percentage of each product. This function is very easy-to-use: set the total amount to be performed equal to 100.0%. The scale will show the percentage of the component in real time in order to amount to the correct percentages for each component. Percent checks can also be carried out by entering 100.0% as a reference value and verifying the deviation of successive weighings.
Weight checking	Weighchecking means to compare the weight of an object placed onto the scale with a pre-set reference value. Effectively, the reference weight can be quickly set by programming it through the keyboard, or putting it onto the pan and pressing the button concerned, and the tolerance range within which the verified weight shall be considered as compliant.

🖾 DINI ARGEO 34

FUNCTIONALITY ADDED TO WEIGHING




BATTERY AND PRINTER

- Attached printer protected from dust and moisture
- STAINLESS steel enclosure • IP68 degree of protection
- for industrial use Rechargeable battery
- ATEX/EX versions
- Attached printer
- IP65 protection for
- industrial use
- Wide range of options
- Rechargeable battery



WHEEL AND AXLE WEIGHER

- Easy Axle program specific for axle and wheel weighing
- Rechargeable battery
- Transport protection case
- Integrated printer



WEIGHBRIDGE

- Easy Weighbridge program specific for weighbridge
- Rechargeable battery
- Attached thermal printer or
- Continuous-mode label printer



EASY WEIGHBRIDGE Program

It includes all basic functions for managing a weighbridge and printing receipts:

- File archive up to 30 vehicle known weights (tares), quickly recallable, rapid weighing in a single operation
- Storage up to 99 input weighings and identification through automatic CODE
- · Calculation of the net loaded/ unloaded weight through difference between input and output weighing
- Input /output quick weighing
- Printing of input, output weights and difference
- Printing of a list of all partial weighings
- Printing of a single weighing ticket customisable with company name, weighing ID, date and time, etc.





🔊 DINI ARGEO GENERAL CATALOGUE

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Program Program especially developed to easily weight any type of

EASY AXLE

vehicles: axle weighing mode as well as wheel weighing mode.

- Single wheel load check
- Single axle load check
- Calculation of total weight
- Printing of any weight data, complete with barycentre coordinates, date and time and two freely programmable digital IDs.







PROGRAMMABLE WEIGHT INDICATORS



 integrated superluminous semaphore for a rapid weighing check

A lot of programs at choice and countless customisations.

Over the years Dini Argeo has developed a series of weighing programs for its advanced indicators which can be perfectly keyed to the applications being performed. These programs include all the most advanced functions as to weighing and automated data management. The programs can also be completely custom-made.

✓ TECHNOLOGICALLY ADVANCED INDICATORS

- ✓ DESIGN AND STURDINESS
- ✓ VERY HIGH ACCURACY
- ✓ CUSTOM-MADE PROGRAMS



MODEL

OUTSTANDING FEATURES





FOR AUTOMATION

- STAINLESS steel enclosure
 IP68 watertight
- Adjustable inclination bracket as standard
- Integrated 3-colour semaphore for weight checks
- Panel-mounting, it can be easily integrated into existing industrial automation
- Digital inputs and outputs as standard



PORTABLE

- Rack version indicator, fitted with handy case and protection for portable weighing systems
- Integrated printerLong-life battery



BOX FOR OUTDOOR USE

- AISI 304 STAINLESS steel box fitted with weight indicator and in-built ACCESSORIES, suitable for outdoor installation in harsh industrial environments
- The inner space allows the installation of electrical components such as: relays, remote control switches, etc.
- Also suitable for weighbridges
 and self-service applications

FIND OUT SOME OF THE MOST REQUESTED PROGRAMS:

Weight/Price/Amount and industrial labelling	PAGE 40 APPLICATION EXAMPLE
Quantity and piece counting multiscale with bar code printing	PAGE 42 APPLICATION EXAMPLE
Input/Output and complete management of weighbridges	PAGE 44 APPLICATION EXAMPLE
Static check of pre-packaged products	PAGE 46 APPLICATION EXAMPLE
Collection and advanced data management, totalisation and label printing	PAGE 48 APPLICATION EXAMPLE
Manual driven batching with correction / Tintometer / Formulation	PAGE 50 APPLICATION EXAMPLE
Vehicle weight and barycentre check, wheel and axles weighing	PAGE 52 APPLICATION EXAMPLE
Vehicle dynamic weighing	PAGE 54 APPLICATION EXAMPLE

ASK FOR A CUSTOM-MADE PROGRAM

Dini Argeo offers its customers complete customised programs according to the requirements and many custom-made solutions which are perfectly compatible with any existing systems.

ACCESSORIES FOR WEIGHT INDICATORS



COMMUNICATION INTERFACES, PRINTERS AND ACCESSORIES for weight indicators

The functionality of weight indicators can be strengthened through a full range of available ACCESSORIES.



PRINTERS AND LABELLERS

Impact, dot-matrix or thermal printers for printing of receipts and reports on thermal paper roll, continuous form or card. Direct thermal or heattransfer labellers for printing of labels up to 100x120mm with any type of bar code.



BUILT-IN PRINTERS



DOT-MATRIX PRINTERS

IMPACT PRINTERS

DIRECT THERMAL LABELLERS



HEAT-TRANSFER LABELLERS



CONFIGURABLE TICKETS



PAN





WEIGHING STORING



USB FLASH DRIVE

The USB flash drive is useful to store all weighings carried out by the scale for a further processing and storage on PC. It can store months of continuous work without ever have to download the data to a PC.

5.000.000 weighings!

ADDITIONAL ACCESSORIES



MULTIFUNCTION REMOTE CONTROL



BAR CODE READERS



TRICOLOUR SEMAPHORE



ALPHANUMERIC KEYPADS

WEIGHING AND DATA TRANSFER







System for weighing totalisation applications, fitted with one scale or multi-balances, for the management of file archives, added-up totals and configurable printouts.

This system can be paired to one or more bench and floor scales thus creating a weighing station and data management capable of storing any operation carried out, adding-up more weighings by calculating the total, printing receipts and labels with any kind of barcode and transferring all reports to the PC via Ethernet or WiFi.

FEATURES AND MAIN FUNCTIONS:

- Multi-balance manual or automatic totalisation
- Labelling, printing of receipts and packing list
- 4 stand-alone totalisation levels, updated at any weighing (usable for example as total of carton, pallet, shift and total per item)
- Print list of the last 1000 weighings
- File archives: 1000 items, 200 customers, 300 tares, expandable
- 15 texts freely programmable by operator (batch, code operator, shift, etc)
- Connectable up to five independent scales
- Alibi Memory protocol for applications legal-for-trade through PC
- Rapid selection of an item through barcodes reading.







Thanks to a large **TOUCHSCREEN DISPLAY** everything is under control



WEIGHING AND COUNTING







System for piece-counting applications with totalisation and labelling functions.

Piece-counting system designed for counting applications and warehouse management, required for packaging of small parts, inventories and stocks tracking. High accuracy and counting resolution and online items storing, each with average unit weight, pre-tare and quantity control thresholds.

FEATURES AND MAIN FUNCTIONS:

- Multiscale quantity counting functions (pieces, liters, Newton, meters, etc.), during loading and unloading
- Rapid input of the reference quantity/Average Unit Weight /Conversion coefficient
- Counting automatic optimisation
- Weight and quantity totalisation
- Dosage in pieces, in loading or unloading
- 4 totalisation levels, stand-alone
- File archives: 1000 items, 200 customers, 300 tares, expandable
- 15 texts freely programmable by the operator (batch, code operator, shift, etc.)
- Automatic selection of the item through barcodes reading.





Easy-to-use and rapidity thanks to the large **TOUCHSCREEN DISPLAY**



VEHICLE WEIGHING AND MANAGEMENT





Find out more on **www.diniargeo.com**



System for weighbridge management with checking function of input/output goods and updating of file archives simultaneously.

Modular solution for a complete management of one or more weighbridges, with receipts, labels or notes on continuous form printing. The input/output function allows to monitor the quantity of unloaded and loaded material and to share data with the company's information system.

FEATURES AND MAIN FUNCTIONS:

- Weighing of a vehicle with or without trailer
- Operator-assisted or self-service weighing
- Input /output weighing storing through ID code or TARGA (999 open weighings)
- Connectable to two independent scales, with possibility of input/output weighing on the first or second scale
- Function A + B for scale 1, 2 or totalisation displaying
- Management of vehicles with trailer also on 2 scales
- Management of ANALOG or DIGITAL load cells
- File archives: 15 ID texts, 500 customers, 500 products, 500 vehicles, expandable.







CUSTOMISABLE

Everything is just a click away, thanks to the **TOUCHSCREEN DISPLAY**



WEIGHING AND QUANTITY CHECK OF PRE-PACKAGED PRODUCTS





Find out more on www.diniargeo.com



System for advanced statistical checking applications as to pre-packaged products as provided for by Directive No.76/211/EEC.

Modular solution with one balance or multiscales offering the advantage of checking prepackaged products having a different weight by using the same system. The weighing program has been developed so as to perform all major statistical or integral checks as requested by the regulations in force, or can be customised according to specific needs, also for internal use.

FEATURES AND MAIN FUNCTIONS:

- Statistical check functions, selectable as CUSTOMISED (for indoor use) or according to LAW (as provide for by Directive No. 76/211/EEC):
 - DESTRUCTIVE or NON DESTRUCTIVE examination
 - Criterion of acceptance/rejection of the batch under examinatio
- Calculation and printing of the batch report and of the standard deviation
- Control of the quantity in ml by entering a density coefficient for each item
- Simultaneous management of up to 10 production lines
- File archives: 15 ID texts, 1000 items, expandable
- Connectable up to 4 stand-alone scales.





Everything is just a click away, thanks to the **TOUCHSCREEN DISPLAY**

TARE .	15 JOHN	OR
1^ LINE - LOT 20141126L33-CU	ÓK	11
ARTICLE YOGURT 500g	< T1	1
POT CONFORMITY	< T2	0
PASSED	> T1	0
PACKAGING CONTROL	> T2	0

WEIGHING, DATA MANAGEMENT AND LABEL PRINTING







System with advanced weighing/pricing function, PLU management and item traceability.

This solution allows to manually label a lot of packages in a very short time, with indication of the ingredients, traceability, date of packaging, expiration date and any kind of barcode.

The system is able to print labels by means of ANY TYPE of ASCII LABELLER (Italora, Epson, Datamax, Zebra, Citizen, TSC, etc.) and can be adapted to the existing computer system.

FEATURES AND MAIN FUNCTIONS:

- Weighing /pricing functions:
 - Calculation and displaying of price and amount
 - Fixed or variable weight operation
 - Dual currency management with conversion factor
 - EAN product code management and checkdigit calculation
 - Product traceability
 - Ageing and expiration date management
- Totalisation of weight and amount
- Up to 5 levels of independent totals
- File archives: 1000 items, 200 customers, 300 tares
- Connectable up to 4 stand-alone scales.









WEIGHING AND MANUAL DRIVEN BATCHING





Find out more on **www.diniargeo.com**



System for weighing and manual batching by formulas and guided correction function of a mixture in case of overdosing.

Solution especially designed to assist the operator in creating solid as well as liquid multi-component mixtures, thus reducing considerably errors and wastefulness, thanks to a clear on-screen messaging and to the correction function of the out-of-tolerance dosage.

FEATURES AND MAIN FUNCTIONS:

- File archive: 500 recipes, expandable
- File archive: 200 components, each with free descriptions, target range and max admissible error
- From 1 to 20 components per formula
- File archive: 15 texts freely programmable by operator, such as: shift, batch, operator code, comment, etc.
- 3 different operating modes:
 - FIXED TARGET: the weights of each component are preset in the recipe
 PROGRAMMABLE TOTAL TARGET: the percentage of each component is specified in the formula. Before starting batching, the operator sets the total amount to be weighed out. The balance recalculates the weight of each component automatically according to the pre-set percentage
- FIRST COMPONENT recalculation: the percentage of each component is specified in the formula. The operator weights out the requested quantity as to the FIRST COMPONENT and the balance calculates the weight of the components to be added according to the pre-set percentage
- Automatic wizard correction of any overdosing
- Optional management of stocks, with shortage alarm per component
- Multiscale weighing-out, with automatic scale change.





RECEIPTS AND LABELS EXAMPLES

Tabina di Magro info@verniclevi Formula: Composizione 2121 Quantità: 1500.00	ernici.it	VERNICI & VERNICI via dell'insdustria, 28 41 Tabina di Magreta (M0) info@vernicievernici.lt
Oridne: 52201 Cliente: Mario Rossi SRL	del 16/02/2012	Formula: Composizione 2121H Quantità: 1500,0g
Operatore: Marco ID: 1 20/02/2012 14:21	2 Turno: 2	Oridne: S2201 del 16/02/ Cliente: Mario Rossi SRL
> Bianco Lotto: 2134556541		
dosare dosato	830,0 g 829,9 g	> Bianco Lotto: 2134556541 dosare
> Catalizzatore Lotto: 324453324		dosato 830,0
dosare dosato	30,0 g 30,1 g	> Catalizzatore otto: 324453324 losare
> Rosso Lotto: 3RT7123594		losato 30,0 g
dosare	615,0 g	80550 32,7 g
dosato	615,1 g	Nosso Vito: 3RT7123594
> Reagente XM3 Lotto: XM33594		sato 670,4 g 670,9 g
dosare dosato	25,0 g 25,0 g	Reagente XM3 to: XM33594
OTà TEORICA:	1500.0 a	are 273 a
QTa REALE:	1500,1 g	27,0 g
DOSAGGIO CONFO	RME	rrezione
		inco : 2134556541
		p 74,7 g 75,0 g
	0751	75,0 g EORICA:
	QTap	EALE: 1635.0 g 1635.7 g
		DOSAGGIO CONFORME



thanks to the **TOUCHSCREEN DISPLAY**



VEHICLE WEIGHING AND BARYCENTRE CHECKING





Find out more on **www.diniargeo.com**

EXAMPLE OF WIRELESS OPTION



Multi-platform system for vehicle weighing and checking, with calculation of the barycentre coordinates.

Modular portable solution, battery-operated, designed for the creation of wheel weighing stations, suitable for weighing any type of vehicle as well as objects with more support points.

The cased weight indicator is equipped with a printer printing weighing receipts including all vehicle weight data, the weight of any wheel, axle, vehicle total weight, gross, tare, net weight and barycentre.

FEATURES AND MAIN FUNCTIONS:

- Multi-scale wheel weighing operating mode with 4 reading channels (for 4 independent platforms)
- Calculation of the barycentre coordinates of vehicles, trucks, aircrafts, containers, etc.
- Simultaneous display of the load of each wheel, axle and total weight
- Archives: 15 ID texts, 1000 memories for vehicle, customers, materials management
- Possibility of managing up to 16 platforms.







Easy-to-use and rapidity thanks to the large **TOUCHSCREEN DISPLAY**



VEHICLE DYNAMIC WEIGHING









MARIO ROSSI SRL

5000kg

5000kg 5000kg 10000kg 5000kg

5000kg

10000kg

5000kg

5000k

5000kg 5000kg 5000kg 5000kg

10000kg

5000kg

5000kg

10000kg

50000kg

3500kg

46500kg

17:00

VIA INDIPENDENZA 157 MILANO

RUOTA

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ASSE

RIJOTA

RUUTA RUOTA ASSE RUOTA RUOTA ASSF

ASSE

RUOTA

RUOTA

ASSE

TOTALE

TARA NETTO 22/12/2012

MARIO ROS

VIA INDIPENDENZA 157 - MILAN

www.mario-rossi.it 0039 - 0278223154

Cliente: BROWN LTD TARGA: AA000BC

Materiale: ARGILLA

Operatore ALESSIO

ENTRATA

USCITA

SCARICO

BUONA GIORNATA

PT

System for static or dynamic weighing and totalisation of vehicle axle with goods input/output check.

Modular solution ideal for weighing each axle of a vehicle, both in static mode with stationary vehicle and in dynamic mode with vehicle in motion. The axle weighing also aims at detecting any possible overload on the axles thus avoiding penalties in case of controls.

Thanks to the input/output function it is also possible to weigh the quantity of material unloaded or loaded and to transmit all data to the company's IT system.

FEATURES AND MAIN FUNCTIONS:

- Manual axle weighing and totalisation
- Automatic static axle weighing and totalisation
- Dynamic axle weighing and totalisation
- Two operating modes are available:
- Vehicle weight checking with printout of the axle weights and of the total weight
- Axle totalisation with input/output function
- Storage of input /output weighings through ID code or TARE (999 open weighings)
- Up to 6 independent totalisation levels
- Archives: 15 ID texts, 500 customers, 500 products, 500 vehicles.





DINI SMART AXLE

App for tablets and smartphones









CHAPTER 3

SOFTWARE

A program for each weighing application.

In every company where weighting is the core of the business, the PC programs developed by Dini Argeo are essential for integrating the weighing system into the production process, real-time sharing of all weight data, with time-money saving and reducing operational errors considerably, through simple wizards and intuitive procedures, tailored to every requirement.

SPECIFIC PROGRAMS for weighing applications

Se

2500

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All the programs are available for traditional PC as well as for TOUCHSCREEN PC.





CH. FUNCTIONALITY

3 SOFTWARE

INTEGRATED SOLUTIONS

Programs developed for simplifying weighing management...



COUNTLESS ADVANTAGES:





... and data integration.



ALL THIS WILL RESULT IN:

HARD AUTOMATION of the production process thus minimising errors, wastefulness and implementation times. **Easier integration of accessories** such as barcode readers, palmtops, smartphones, tablets and all the latest communication technologies, in order to be always at the forefront.

Integration of weighing systems in a same working area, or at different sites, locally, nationally or worldwide with centralization of the collected data.

Rapid and safe management of large data flows: It will nolonger be required to input large amounts of data, since there is a real-time data interchange at any weighing and all information is available online, accessible from anywhere, also from web platforms.

PROFESSIONAL WEIGHING PROGRAMS

сн. З SOFTWARE



CH. FUNCTIONALITY

INTEGRATED SOLUTIONS

LABELLING, TRACEABILITY AND BATCH MANAGEMENT



Items, PLU, ingredients, clients uploading by management system
Driven-execution of the orders to be fulfilled
Packaging and labelling with all data and barcodes
Full traceability of the product as well as of the batch
Real-time issuance of documents

PIECES COUNTING, ORDERS AND STOCKS MANAGEMENT



Driven-execution of the orders to be fulfilled Counting, packaging and labelling ODETTE-type labels of any format QR Codes (Data Matrix) Real-time issuance of documents

MANUAL ASSISTED BATCHING, ERROR CORRECTION AND STOCKS CHECKING



Centralised formulation

Driven execution of formulas

Stock control and management with alarm in case of shortage

Assisted correction of overdosages to reduce material wastefulness

Real-time issuance of documents

MULTI-STATION STATISTICAL CHECK FOR PRODUCTION LINES



Integral check of the batch Statistical check according to the standard 690/78 Packaging quality control Real-time monitoring of all production lines Printing of any batch report and total report

SOFTWARE

3

GOODS LOADING/UNLOADING CHECK AND STOCKS UPDATING



Monitoring of the input/output material flow

Stocks updating

Video surveillance of the weighbridge and all operations carried out, with automatic detection of the plate and images of the load and the weighed vehicle

Issuance of documents in real time, with fiscal memory of the performed operations

WASTE SEPARATION AND DISPOSAL



Archives shared management as to users, database, job-orders, types of waste containers, customers, departments, batches, labels or other customisable data according to client's requirements

Waste traceability

Management and printing of configurable batch covering labels, with the possibility of writing in logos, images, barcodes, etc.

SUPERVISION OF WEIGHING SYSTEMS AND DATA COLLECTION



Collection and recording of all weighings carried by each on-line weighing systems for further processing

Data format completely CUSTOMISED with addition of free texts written up by operations during weighing operations

PRODUCTION CONTROL / QUALITY CONTROL / SORTING



Specific program for weighing and control of products conveyed on production lines

In addition to checkweighing, the program asks the operator for a visual verification of all the control criteria requested, freely programmable (i.e. packaging integrity, viscosity, colour, etc.)



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CATGEN1805V1-NEN 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.







A RICE LAKE WEIGHING SYSTEMS COMPANY

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SALES AND TECHNICAL ASSISTANCE SERVICE