



PRODUCTSPORTFOLIO



dinamica generale[®]
weighing systems and NIR solutions



INDICATORS



STAD 04

- Robust and reliable
- Easy to use



STAD 04 PLUS

- 12 programs
- LCD Display for user messages



WIN SCALE²

- 112 programs
- User messages in more than 30 languages



TOP SCALE

- 148 formulas
- High Tech Platform; much more than a scale

ACCESSORIES



CAB DISPLAY

- High visible red display
- Small dimensions for IN CAB installation



WEIGHT REPEATER

- High visible red display
- 5 digits 60mm, visibility more than 30m (100feet)



XL DISPLAY

- Very large graphic display
- Weight, ingredients and messages visualization



EASY CONTROL PtoP

- Remote control
- Point-to-Point communication



DINA TEL 2

- IN CAB Remote scale
- Graphic display to help the operator



WINET™ MODEM

- Wireless network
- The best control of your equipment without cables



PRINTER

- Robust and compact
- All information on a detailed receipt



OUT INTERFACE

- To interface the scales with industrial process lines
- Output voltage, current, RS232, RS485, CAN ...



EXTERNAL SOUND ALARM

- To hear the alarm everywhere



IP COM™ - GSM/GPRS COM

- WiFi wireless communication
- GSM/GPRS communication
- NO wireless communication limits



MOTOR CONTROL

- To build custom automations or stationary systems
- Easy automation of your job
- Logic outputs and relays available



TOP CUT

- Automatic control of the mixer blades

MOBILE LOAD CELLS

- High quality and high accuracy for mobile applications
- More than 80 models available
- R&D department always available for your specific needs



MOBILE



SPINDLE



PIN



COMPRESSION

SPREADER



TRAILER



GRAIN CART



FEED MIXER



DTM™

- (Feed) Management Software for the total control of your farm with the maximum profit
- Your number one ally in order to manage your farm at the best



Wireless connection with
the scale in field

DTM™ network and remote access
(internet) for a total control
from anywhere



dg precisionFEEDING™

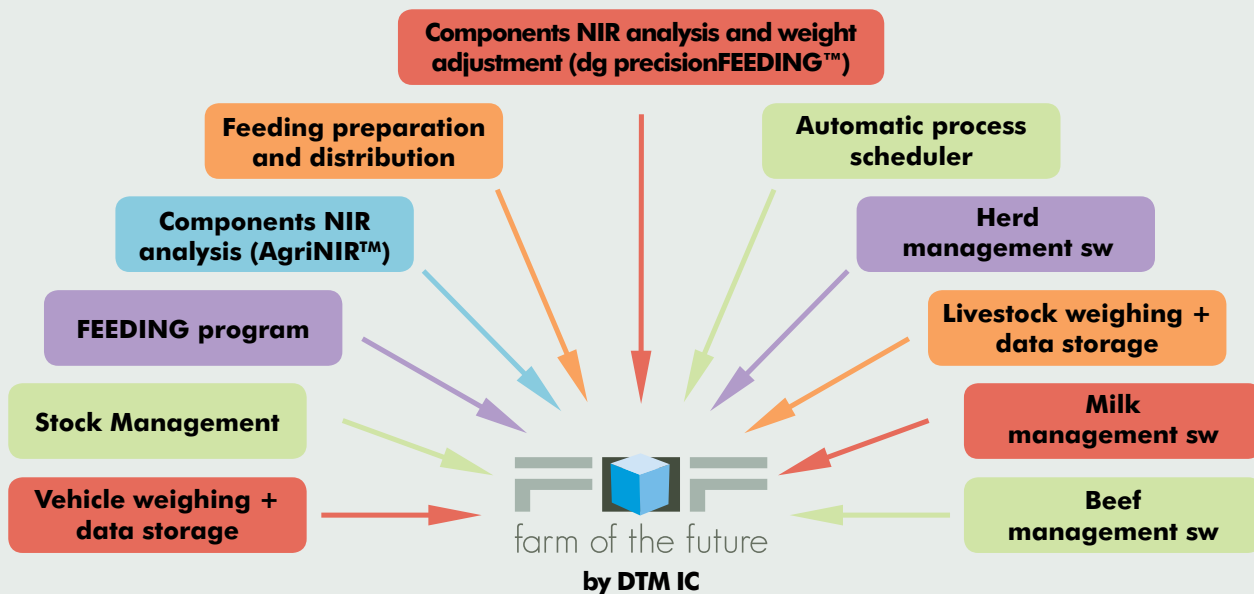
- Optimized ration for your livestock: cows always receive the right nutritional value

get the most out
of your farm



FARM OF THE FUTURE

The **right solutions** for an **integrated**
and **efficient management** of your farm



INDUSTRIAL WEIGHING

BELT WEIGHING

Single point version:

Complete system for the automatic management of the batching processes on a belt weighing for any conveyor belt from 400 to 1200 mm wide.

Multi point version:

Complete system for the automatic management of the capacity per hours of any belt conveyor.



DOSING & BATCHING - SIMPLE DOSING

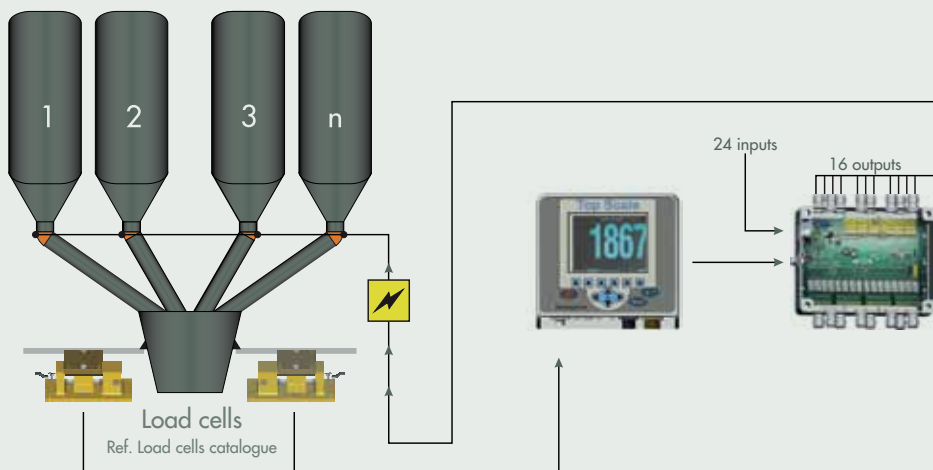
The last generation of indicators, DG-Compact, distributed by dinamica generale®, fits every type of industrial application where you have the necessity of dosing or simply automatizing the working process.



- Load 1 product
- Load 3 or 4 products
- Unload 1 product
- Unload 3 or 4 products
- Unload/load 1 product continuous process

DOSING & BATCHING - FULL AUTOMATION

Complete system for the automatic control of the batching and dosing processes.



INDICATORS



STAD 04

- Robust and reliable
- Easy to use



WIN SCALE²

- 112 formulas
- User messages in more than 30 languages



TOP SCALE

- 148 formulas
- High Tech Platform; much more than a scale



DG COMPACT

- Dosing controller
- To automate the industrial process

ACCESSORIES

- REF. TO PAGE 2 - OEM ACCESSORIES

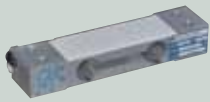
LOAD CELLS

INDUSTRIAL

OFF CENTER

DG-SP1

3 - 6 - 10 - 15 - 20 -
30 - 35# Kg



DG-SP91

60 - 100# - 120 - 150 -
250 Kg



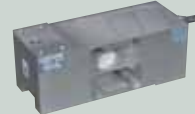
DG-SPL

5# - 10 - 15 - 20 -
30 - 50 Kg



DG-A2P

500 - 1000 - 2000# Kg



DG-SP6

50 - 200 - 250 - 500 -
750 - 2000 Kg



SHEAR BEAM AND BENDING

DG-SW

5 - 10 - 20 - 50 -
100 - 250 - 500 -
1000 Kg



DG-S

100# - 200# - 350 -
500 - 1000 - 2000 -
5000 Kg



DG-SD

500 - 1000 - 1500 - 2000 -
2500 - 3000 - 5000 -
7500 - 10000 Kg



DUAL SHEAR BEAM

DG-DS

4,5 - 6,8 - 9 - 11,3 - 13,6 -
18,1 - 22,7 - 27,2 - 34 -
45,4 - 56,7 †



DG-DS2

9 - 13.6 - 22.7 - 34 -
40.8 - 45.4 - 90.7 -
113.4 †



TENSION - COMPRESSION

DG-ST

5 - 10 - 20 -
50 Kg



DG-STR

100# - 300# - 500# -
1000 - 2500 - 3000 -
5000 - 7500# Kg



DG-U

500 - 1000 - 2500 -
5000 - 10000 -
15000 - 30000 Kg



COMPRESSION

DG-C-SS

500 - 1000 -
2500 - 5000 -
7500 - 10000 Kg



DG-CCK

10 - 15 - 20 -
30 - 40 - 50 -
60 - 100 †



DG-CCA

10 - 25 - 40 -
60 - 100 †



PIN

DG-PIN/40

static 8550 Kg



DG-PIN/50

static 15.000 Kg



DG-PIN/80

static 37.000 Kg



PRESSURE TRANSDUCER

DG-P

10 - 50 - 100 - 250 - 350 - 500 - 1000 bar



WEIGHING UNIT

DG-SW DAMPER

5 - 10 - 20 - 50 -
100 - 250 - 500 -
1000 Kg



DG-SW HANGING

5 - 10 - 20 - 50 -
100 - 250 - 500 -
1000 Kg



DG-PA UNIT

350 - 500 - 1000 -
2000 Kg



DG-PB UNIT

5000 Kg



DG-PIN UNIT

10 - 20 - 50 - 100 †



WEIGHING BARS

1000 - 2000 Kg



note: # On request

SCALES

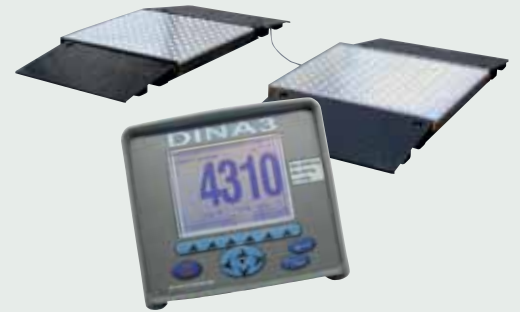
DINA3 PORTABLE

- Wheel or axle weighing to check the weight and the overload of any vehicle
- 20.000 Kg for static or **IN MOTION** axle weighing
- USB port included to easily download the data on the PC
- More than 15 languages, having special characters as well, are available
- Extra levellers kit available
- Portable platforms, that are easily installed and moved, are specially indicated in order to create a weighing station anywhere



DINA3 CHECKER

- Wheel or axle weighing for any vehicle
- 20.000 Kg for static or **IN MOTION** axle weighing
- Direct communication to the PC
- More than 15 languages, having special characters as well, are available
- Extra levellers kit and a wide range of accessories are available
- Robust and strengthened structure for heavy use (quarry, construction, etc...)



DINA3 OIML

- Vehicle axle weighing approved to OIML R134 class II
- 18.000 Kg for axle **IN MOTION** axle weighing
- Direct communication to the PC
- More than 15 languages, having special characters as well, are available
- Construction site or frame kit and wide range of accessories available
- A real alternative to the conventional weigh bridge for law enforcement, with a lot more advantages



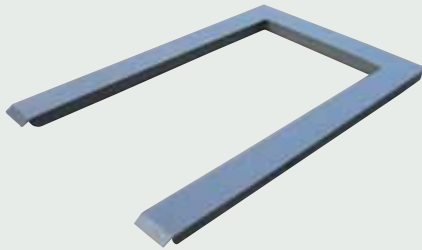
WEIGH BRIDGE KIT

- Complete electronic kit for weigh bridge construction
- Basic (6m/19.7 feet), medium(12m/39.3 feet) and long (18m/59.00 feet) version
- Technical drawing to build the mechanical platform
- RS232/485 serial port is standard
- Relay outputs for the control of the alarm or mechanism
- Load cells in stainless steel, IP68 protection and C3 accuracy class



GEMINI

- Universal weighing bars
- Precision + simplicity for every day weighing
- Easy to install and easy to move in different places
- Specially indicated for the packaging area of any company
- Weighing of pallets, bins, boxes,



- **U-bar appendix** for a traditional pallet weighing

LIBRA

- Universal weighing units that range from 100kg (220lb) to 100t (200Klb)
- Robust to work in the harshest conditions
- Mechanical protection from side bumps
- Anti-overturning safety system
- Easy to install
- Silos, tanks, hoppers and platforms weighing
- From simple indicator to advanced programmable scale
- Software interface with automation processes



VIRGO

- Crane scale for high capacities in small dimensions
- Remote control included
- Comfortable travelling bag
- Stainless steel high accuracy load cell
- Wide range of hooks available



AIR RAIL WEIGHING

- Weighing system for overhead monorail guide ways
- Livestock weighing in the meat industry
- Ideal for all applications where the material is carried by means of overhead rails
- Easy to install
- Suitable for all types of rails
- Used to upgrade existing applications



ON BOARD WEIGHING SYSTEM

Pegasus

TO WEIGHT
the material
on your front loader
(bucket, fork, ...)



Pressure transducer

Proximity sensor

TRADITIONAL ON BOARD WEIGHING SOLUTIONS BASED ON MOBILE LOAD CELLS

- REF. OEM SECTION FOR WEIGHING COMPONENTS

On board weighing system
for an **accurate** job

CONCRETE MIXER



DUMPER



LIVESTOCK WEIGHING

Taurus

- Complete system for the best management of your animals weight, health and productivity
- Reliable and long lasting components that work in the most rugged and harshest environments
- To weigh cattle, pigs, sheep, horses, goats, buffalos ect...
- Easy installation under platforms or squeeze chutes
- Incomparable BLOCKER filter
- Automatic control of the enter and exit gates

DYNAMIC weighing
NO stop and **NO stress** for the animal
LESS time for the farmer



TAURUS TRACE SW

It can be integrated in the dinamica generale® DTM™ for a complete control of feeding processes and animal weight through a unique and powerful tool.

Wireless communication

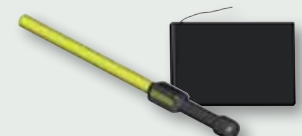


IP68 certified to work in full water immersion

Weigh bars



Serial Port 1/ Serial Port 2



ID Reader - Barcode Reader

AgrINIR™

It quantifies just in a few seconds the nutritional value of the ingredients that make up the ration:

- Portable: contained in a compact and safe trolley-case
- Directly in-field and real-time analysis with immediate results
- Multiple and frequent sampling
- User-friendly: easy and ready for immediate use
- Quick and easy maintenance: through USB connection and Internet

Portable NIR Laboratory

Originally created for **forages** and **grains**...
Now available for a **wide range of applications** as well!



NIR CHEMICAL PARAMETERS

NIR FAMILIES (Crop Families)	Humidity or Moisture	Starch	Crude Protein	ADF	NDF	Ash	Crude Fat
Corn Silage	YES	YES	YES	YES	YES	YES	YES
Hay	YES	NO	YES	YES	YES	YES	YES
High Moisture Corn	YES	YES	YES	YES	YES	YES	YES
Alfalfa Hay	YES	NO	YES	YES	YES	YES	YES
Grass Silage	YES	NO	YES	YES	YES	YES	YES
TMR	YES	YES	YES	YES	YES	YES	YES
Soybean Flour	YES	NO	YES	NO	YES	YES	YES

NIR CHEMICAL PARAMETERS

NIR FAMILIES (Crop Families)	Humidity or Moisture	Starch	Crude Protein	ADF	NDF	Ash	Crude Fat
Corn Grain	YES	YES	YES	NO	YES	YES	YES
Wheat Grain	YES	YES	YES	NO	YES	YES	YES

DG NIR MANAGER

- Software Suite to update and create calibration curves directly on your own.
- Useful tool for NIR experts.

OIL

SansNIR™

- Continuous analysis on residual fat, humidity and dry substance inside the husk coming out from the decanter.



To ensure **full squeezing** of the husk and **full recovery of any oil** inside it

SORTER

Tomato Selector

- Installed directly on the tomato harvesting machine or in the industrial processes with a wide range of color regulations (from green to red, from dark land to white stones and more ...).



High technology **tomato selector**

HAND HELD CONTROL

Dina COM 2

- The system is composed by a hand held control that manages an EV DRIVER box with up to 24 electro-valves. Once the electro-valves are connected to the hydraulic distributor installed on the machine, you have the total control of the mechanisms in your hands.



Thanks to its flexibility it can be employed in **several application sectors**



MEDICAL PRODUCTS

- Weighing solutions and data acquisition for an advanced management of medical applications such as dialysis, blood treatment, surgery, etc ...
- High technology dedicated division to develop weighing and sensors based on NIR solutions.



STRAIN-GAGE APPLICATIONS AND FORCE ANALYSIS

- Our knowledge in experimental stress analysis enables you to measure stress on your components used in your products. This is a mandatory rule for an optimal design of your products.



CUSTOM APPLICATIONS

- A competent R&D team composed of more than 20 senior engineers, direct links with universities and high tech equipments, enables dinamica generale® to create new custom solutions with a sensible reduction of the TIME-TO-MARKET.





CONTACTS

GENERAL INFORMATION

info@dinamicagenerale.com

SALES DEPARTMENT

sales@dinamicagenerale.com

R&D DEPARTMENT

technical@dinamicagenerale.com

CUSTOMER SERVICE

assistance@dinamicagenerale.com

support@dinamicagenerale.com

OUR EDUCATION PROGRAM

- Technical assistance 24 hours a day, 7 days a week, 365 days a year
- Training kit for easy learning of the devices
- Webinars
- Detailed web site documentation
- Our internal customer care team covers 7 languages for an immediate help online!



QUALITY & CERTIFICATIONS

dinamica generale® confirms the aptitude to work with the high qualitative standard requested at international levels by offering to its clients the best product and support as defined by the company's mission.

As a demonstration of this, we have successfully passed the recertification inspection for the quality management system as well as for the environment: UNI EN ISO 9001:2008 e UNI EN ISO 14001:2004.

Starting from 2009, in addition to our other certifications, we can add the prestigious UNI EN ISO 13485:2003 that demonstrates all the company's attention to the clients in the medical sector.



ISO 9001:2008



ISO 14001



ISO 13485

"We reserve the right to modify designs, or implement product improvements, without any obligations with respect to goods purchased."

09172010

dinamica generale® US, Inc.
345 Harvestore Drive, Suite 200
DeKalb, IL 60115
tel ++1 715 781-7134
fax ++1 815 756-7821

www.dinamicagenerale.com
dg-usa@dinamicagenerale.com

