



# VIDMAR GROUP

DOSING TECHNOLOGIES & PROCESS AUTOMATION



English

**Product  
Catalogue**

[vidmargroup.com](http://vidmargroup.com)

  
VIDMAR

  
VIDMAR

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At **Vidmar Group** we are a team made up of the best specialists in different departments permanently making investments in technology and the development of industrial equipment and processes. We have evolved from being a company for the manufacture and commercialized of accessories for computer equipment and have now become a **supplier specialising in the Weighing and Industrial Automation** sector at the **global level**.

Thanks to years of experience, we can now confirm that we have gone beyond all expectations, working together with our clients, who are witness to our excellent attention to detail and our capacity of adapting our projects to their demands.

Since our establishment in 1985, we have proven to be a **company capable of adapting to the market demands**. This way, we have now come to export more than 70% of our production to over 25 countries in Europe, Latin America, Asia, the Middle East and United States.



A **highly qualified human team**, prepared to satisfy its requirements and transform them in **industrial solutions**.

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# History

## 1985

Vidmar Control



Vidmar Control was born in 1984, formed by a group of friends with the hope of undertaking engineering work. From carrying out the first jobs in a garage, we managed to settle in our first offices in Barcelona where we consolidated the company for the next 15 years.

## 1993

Logo Change



With the advances of the company, we decided to renew our image with a new logo giving a new and great boost to the company.

## 1994

International presence



The participation in an international trade mission to Colombia opens the doors to the globalization of Vidmar.

## 2000

Cardona offices / factory and logo change



With the expansion of our orders we decided to undertake the manufacture of our own equipment by opening our manufacturing facilities in Cardona with 1800m2 of plant plus 500m2 of offices. Also taking advantage to change the logo again.

## 2009

Vidmar Mexico Engineering



We started a new internationalization adventure by inaugurating our Mexican office in Monterrey.

## 2011

New Expansion



To give a new image as a group, we decided to update the old logo giving it a more modern image. An extension of another 1800m2 is made, now having a total of 3600m2 of factory and 500m2 of office.

## 2015

Vidmar Colombia



Opening of our technical-commercial delegation in Medellín, Colombia.

## 2019

Kemex Handling Solutions



Acquisition of the recognized Kemex brand of products for solids that provides a new line of products and services to our customers.

## 2021

Ingesoa



As a continuation of the Kemex acquisition, we also acquired the company Ingesoa in order to complement the line of solids handling products.

## 2022

IT Division



VIDMAR bets on the innovation.

VIDMAR's TRSNet logistics platform. The perfect tool to manage the flow of trucks in plant.

## 2022

Vidmar Ecofuels



With the experience acquired over many years in the field of alternative fuels, we incorporated the "Ecofuels" division with the idea of promoting this type of project, and opening a new Vidmar office in Zaragoza, Spain.

## 2025

40 years anniversary



In 2025 Vidmar Group will celebrate 40 years as a company. Which fills us with pride and we appreciate the trust given by all our customers and suppliers.

# Sectors



**AGRI-FOOD**



**ADDITIVES**



**FEEDING**



**AUTOMOTIVE**



**ENGINEERING**



**CEMENT**



**CERAMICS**



**CONSTRUCTION**



**ENERGY**



**RAILWAYS**



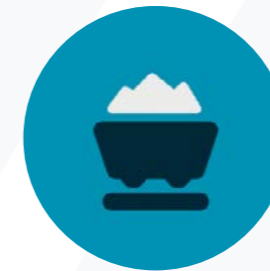
**FERTILIZERS**



**PHARMACY**



**ICE**



**MINE & QUARRY**



**PETROCHEMISTRY**



**PLASTIC**



**CHEMISTRY**



**URBAN WASTE**



**IRON AND STEEL  
INDUSTRY**



**LOGISTICS**



**GLASS**



**GYPSUM**

# CONTINUOUS WEIGHING

We carry out the **design, development, manufacture, installation and initial operation** of the equipment necessary for dosing processes.



## **Belt Scale**

- **B2S** Series

**16-17**

## **Impact flow meter**

- **CPT** Series

**18-19**

## **Weighing system**

for screw conveyors

- **SPI** Series

**20-21**

## **Weighing hoppers**

for very low loads

- **TPI** Series

**22-23**

## **Belt Scales**

for very low loads

- **CWC** Model
- **CWC-F** Model
- **CWC-P** Model

**24**

**25**

**25**

## **Weight**

**Controllers**

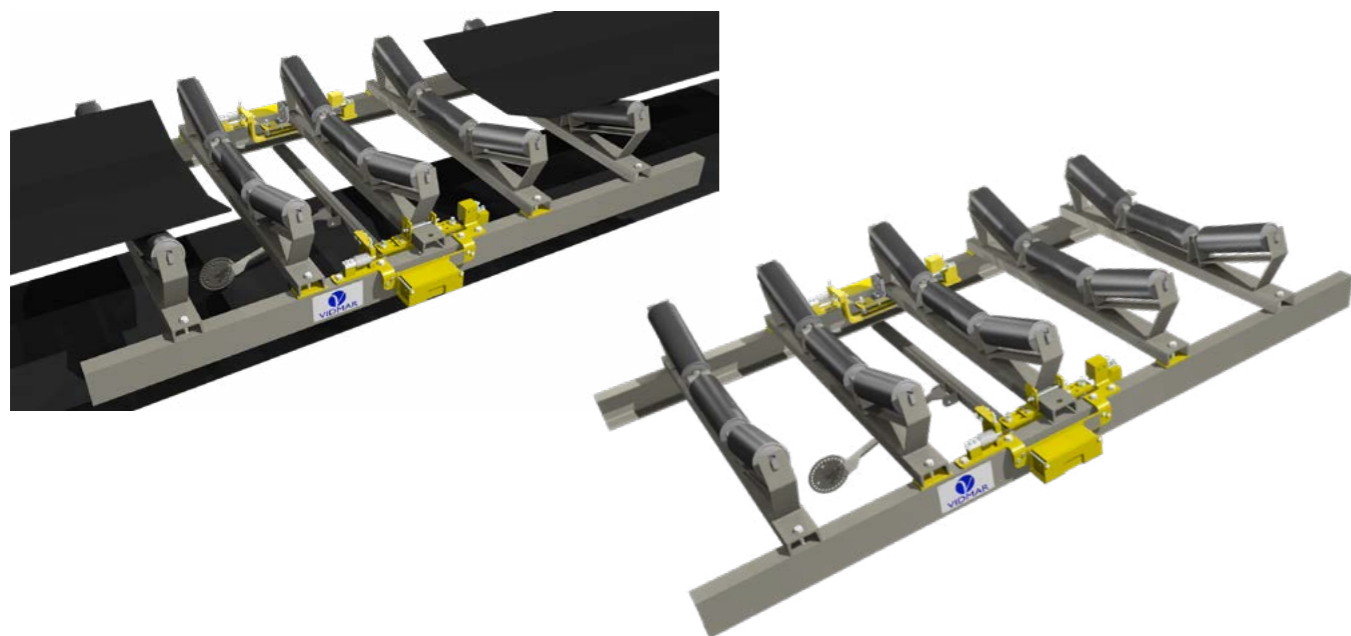
**26-27**







# BELT SCALE B2S SERIES



## SYSTEM FOR WEIGHING **SOLID PRODUCTS** ON **RUBBER-STRIP CONVEYOR BELTS**.

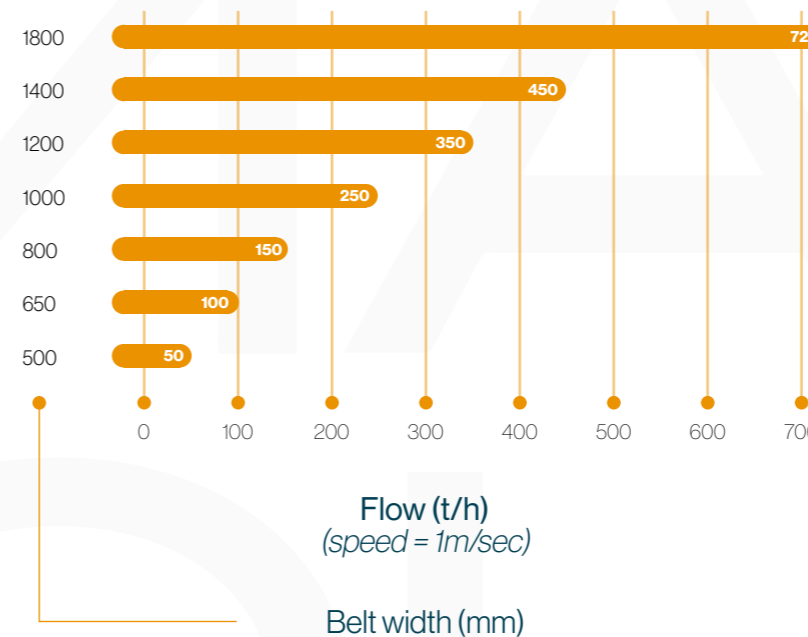
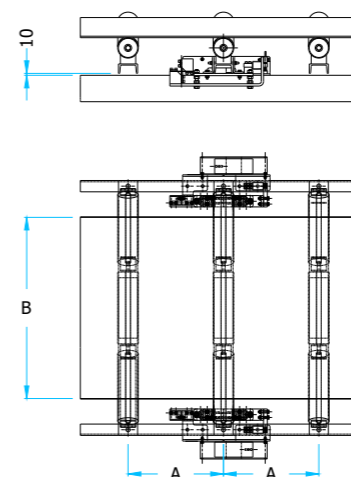
This weighing system is adjusted to the design of any conveyor belt as its frames can be adapted based on the requirements.

This is a simple and modular system, the design of which allows us to install up to 4 weighing stations in a single control unit in a simple manner with a robust mechanical structure, and it is suitable for conveyors of any belt and flow width.

There are different types of integrated scales based on each application, such as Single Idler (SI) and Multi Idler (MI), where the weighing system changes through direct or lever-based action.

## GENERAL CHARACTERISTICS

- Two symmetrical chassis to be installed on each side of the belt frame. Each chassis has a flat supporting base. The roller weighing stations are installed and fixed on both flatsupporting bases.
- Weld-free design.
- Adaptable to any type of conveyor with customised accesories.
- Two weighing cells with extensiometric gauges, IP-65 protection (one on each side of the weighing station).
- Digital speed measurement with a speed sensor connected to a wheel that rests directly on the return of the belt.
- Standard weight equivalent to the load per metre on the belt.



## TECHNICAL FEATURES

**DISTANCE BETWEEN ROLLERS**  
Minimum distance between rollers = 500mm

**WEIGHT ON THE BELT**  
Minimum weight on the belt = 15kg/m

**BELT WIDTH**  
Maximum belt width = 2000mm

**FLOW**  
From 5t/h to 2500 t/h (depending speed)

**WORKING TEMPERATURE**  
Up to 150°C

**ACCURACY**  
More than ± 1% for single and more than ± 0,5% para Multi.

## ACCESORIES

- Compact controller for flow measurement Mod. InteVid.
- Weight signal amplifier with a 4-20mA outlet.



# IMPACT FLOW METER

## CPT SERIES



VIDMAR'S FLOW METER **CPT** USES THE **PENDULAR SYSTEM** WITH **CURVE IMPACT**.

Based on the law of centripetal force, where the load cell only records the horizontal forces produced on the impact sheet, without being affected by contamination in the environment.

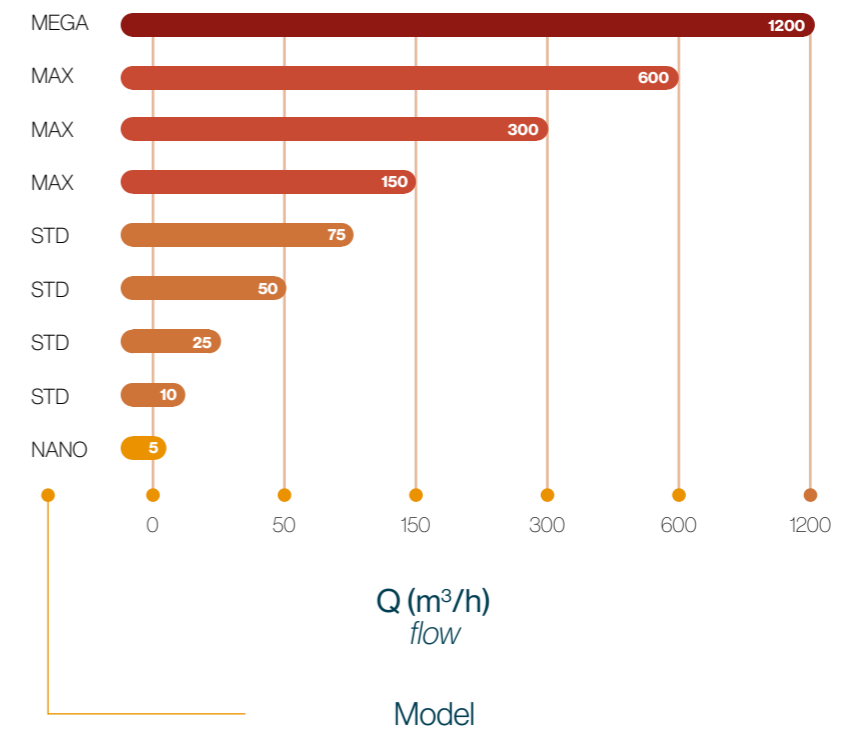
Ideal for the flow measurement of powdery products in continuous process where we have a flow of material and the necessary height to install this equipment.

The material enters the equipment and is led to a channel that regulates its flow so that it hits a sheet supported with a weighing system.

The system for receiving the force is mounted on a set of static levers, which are connected with four crossed bending plates without wear, and thus, exempt from maintenance.

### GENERAL CHARACTERISTICS

- Measurement by load cell.
- Weld free design.
- Standard weight equivalent to nominal flow.
- Compact design to avoid the emission of dust to the outside.
- Standard weight equivalent to nominal flow.
- 4 different models depending on the measurement volumes
  - Nano
  - STD
  - MAX
  - MEGA



### TECHNICAL FEATURES

#### FLOW RANGE

From 5m³/h to 1200m³/h (depending on the speed/model)

#### WORKING TEMPERATURE

Up to 150°C

#### ACCURACY

More than ± 1%

### ACCESORIES

- Compact controller for flow measurement Mod. InteVid.
- Weight signal amplifier with a 4-20mA outlet.



# WEIGHING SYSTEM FOR SCREW CONVEYORS

## SPI SERIES



IT IS A TYPE OF WEIGHING WHOSE **HIGHEST QUALITY** IT IS THE ONE **TO MEASURE THE FLOW OF PRODUCTS.**

That by means of an endless thread, feeds a process with a determined flow, being able to regulate at will or automatically the dosage of product.

Ideal for flow measurement of pulverulent products in continuous processes where there is a flow of material and available length necessary for the installation of this equipment.

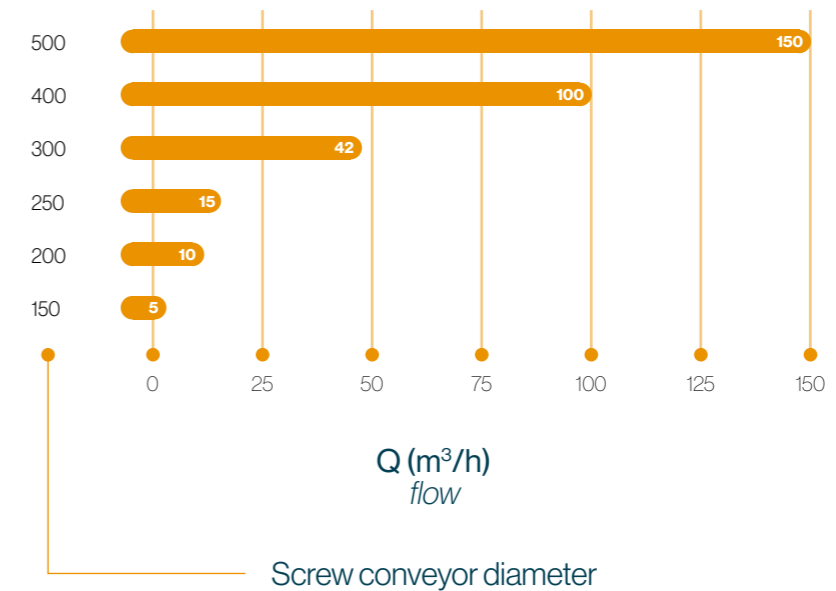
The material enters the equipment and is heavy all the way. If dosing is required, it is necessary the installation of an encoder for get the exact measure of speed and thus have a continuous flow rate and with greater precision.

SPI-i model in stainless steel for ice and fertilizers.

SPI-f model in AISI-316L in food quality.

### GENERAL CHARACTERISTICS

- Weighing system using 4 cells of weight or by means of 2 cells + ball joint.
- Weighing system supported by silent-block to dampen vibrations produced by the system.
- Worm screw driving group by AC motor.
- Case of dosing, with an encoder mounted at the rear of the engine.
- Process connection, both at the mounth of input and output, through flexible joints.



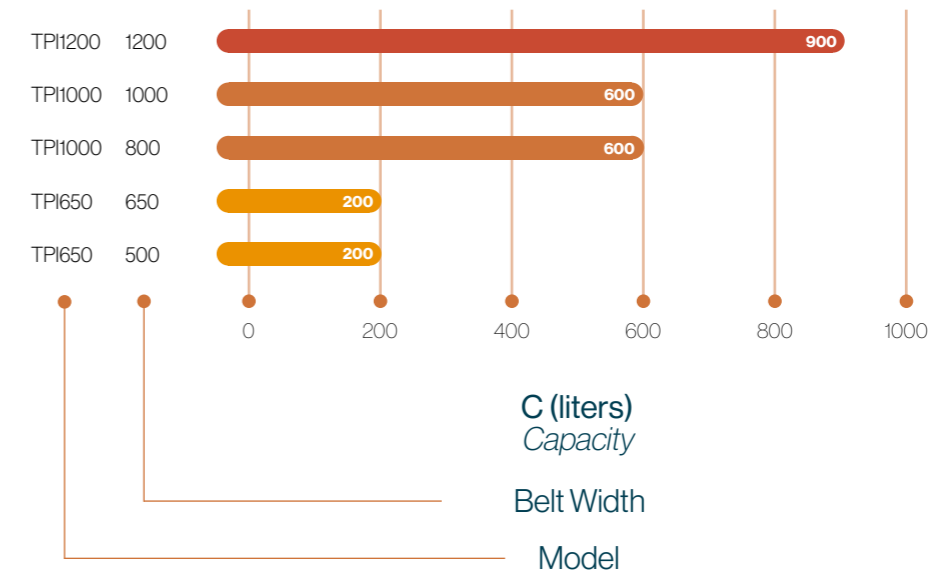
### ACCESSORIES

- Weight signal amplifier with 4-20mA output.
- Encoder for speed measurement.
- Compact controller for flow measurement "Basic" or "Advanced" model
- "Power Advanced" model dosing controller.



# WEIGHING HOPPERS FOR VERY LOW LOADS

## TPI SERIES



IT IS A TYPE OF WEIGHING WHOSE **GREATEST QUALITY** IS THAT OF **MEASURING LOW PRODUCT FLOWS**.

Ideal weighing system for integration measurement in very small flows.

Weight-only measurement system in batches, which calculates the transported flow, in this case it ignores the speed.

Construction in carbon steel with option in stainless steel, and with the possibility of instrumentation in ATEX 22.

Trapezoidal shaped loading hopper with a small divergence to facilitate the output of the material.

TPI-i model in stainless steel for corrosive products.

## GENERAL CHARACTERISTICS

- Weighing system using 3 weight cells supported through silent blocks.
- Opening/closing piston with pneumatic drive.
- Integrative Hopper Scale weigher to install at the exit of a conveyor belt propiedad del cliente.

## ACCESORIES

- Shell gate system, to retain the material while the weighing is carried out.
- Weight signal amplifier with 4-20mA output.
- Compact controller for flow measurement "Basic" or "Advanced" model.



## BELT SCALES FOR VERY LOW LOADS

### CWC MODEL



#### INDEPENDENT INTEGRATING CONVEYOR WITH LOW LOAD PER METER

In those cases where the minimum of 20kg/m is not reached to obtain a good precision, our independent model CWC integrator is offered, which allows us to solve this problem.

To install in a transition between conveyors or at the end of a conveying line.

The CWC model allows us to achieve good precision in low load conditions on the band.

It is manufactured in various models with options in stainless steel and/or food grade.

#### GENERAL CHARACTERISTICS

- Weighing system using 4 bending weight cells and supported by silent-block to dampen vibrations.
- Motor group by means of an A.C. motor.
- Special design of the inlet hopper consisting of an impact plate with a slide. This in-house designed hopper slows down the speed of the material and prevents it from impacting against the weighing belt.
- The impact area may be lined with an anti-wear plate in the case of abrasive products.
- The design of this Hopper is designed exclusively depending on the characteristics of the product and the installation.
- Manufactured in carbon steel or stainless according to model.

## BELT SCALES FOR VERY LOW LOADS

### MODELO CWC-F / CWC-P



#### CWC-F MODEL WITH FOOD QUALITY

This product derived from the CWC allows us to provide a solution in power installations where a more demanding quality of components is required.

Possibility of installing a perforated modular band to facilitate the drainage of the products that are accompanied by liquid.

Manufactured in AISI-316-L stainless steel.

Formats with legs to fix on the ground and suspended.

#### CWC-P MODEL WITH METAL PLATES

This by-product of the CWC, allows us to provide a solution weighing facilities difficult to handle products (abrasives or high temperature).

Manufactured in carbon steel.



## WEIGHT CONTROLLERS



VIDMAR HAS DEVELOPED A SERIES OF **STANDARDISED CONTROLLERS** FOR THE **CONTROL OF DOSING AND FLOW MEASUREMENT EQUIPMENT**, WHICH **ALLOW US TO HAVE A BETTER PERFORMANCE DURING THE PROCESSES** AND WITH THE EQUIPMENT OF OUR CLIENTS.

These controllers can control machines, such as:

- Belt Scales
- Weighing system for screw conveyors
- Impact flow meters
- Bulk weigher
- Others

### GENERAL CHARACTERISTICS

— These controllers are designed and programmed based on current PLCs in the market (Schneider, Siemens, Rockwell...), which is why it is very easy to integrate them into the control systems of plants thanks to the standard communication protocols of each of the manufacturers (Profibus, Profinet, Ethernet IP, Ethernet Modbus...).

— Depending on customer requirements, we group our range of controllers into two groups:

— **Compact controllers:** only the control of the equipment is integrated and the power elements are located in the CCM of the client.

— **Modular controllers:** have both the power part and the control part.

### CONTROLLER RANGE

<b>COMPACT</b>	Belt Scale Impact flow meters Weighing system for screw conveyors	Schneider
<b>BASIC</b>	Belt Scale Impact flow meters Weighing system for screw conveyors	Schneider
<b>ADVANCED</b>	Belt Scale <b>without power</b> Impact flow meters Weighing system for screw conveyors <b>without power</b>	Schneider Siemens Rockwell
<b>POWER ADVANCED</b>	Belt Scale <b>with power</b> Weighing system for screw conveyors <b>with power</b>	Schneider Siemens Rockwell

# CONCRETE DOSE

We carry out the **design, development, manufacture, installation and initial operation** of the equipment necessary for dosing processes.



Belt weigh feeder  
**for granular products**

- **BMG** series **30-31**
- **BWG** series **32-33**
- **HG** series **34-35**

Belt weigh feeder  
**for powdery products**

- **BWP** series **36-37**

**Microdosing**  
equipment **38-39**

Belt Weigh Feeder for  
**Alternative Fuels**

- **BAF** series **40-41**

Loss In  
**Weight Feeder**

- **DPR's** series **42-43**

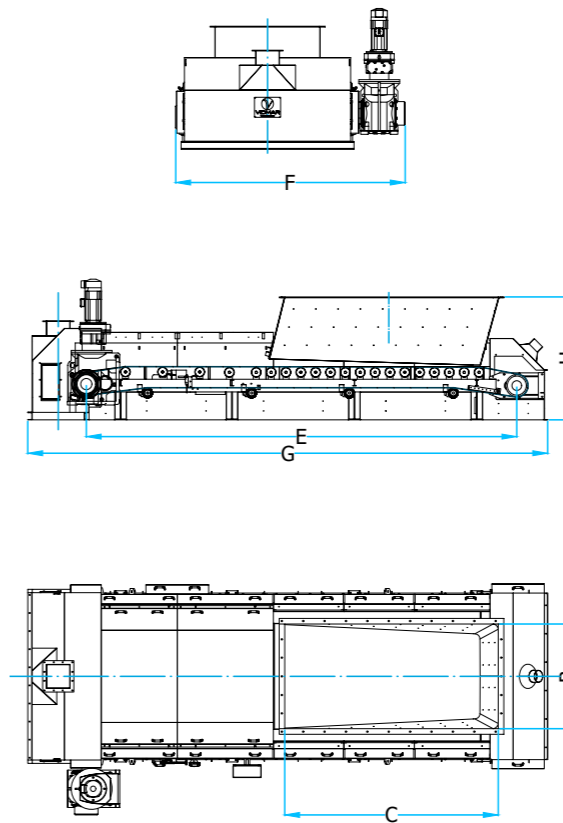
**Weight Controllers** **44-45**





# BELT WEIGH FEEDER FOR GRANULAR PRODUCTS

## BMG SERIES



### TECHNICAL FEATURES

**DRUM DIAMETER**  
From 320mm to 520mm

**BELT WIDTH**  
From 1200mm to 2400mm

**LENGHT**  
Distance between drum shafts from 1650mm, with 500mm increments.

**LENGHT OF LOADING HOPPER**  
Up to 9000mm

**BELT**  
Belt material based on the application.

**WEIGHING**  
Direct transmission of weight on two load cells.

**FLOW**  
Up to 2500 t/h

**FLOW RANGE**  
Up to 1:200

**WORKING TEMPERATURE**  
Up to 200°C

**ACCURACY**  
± 0,5% in all the flow range.

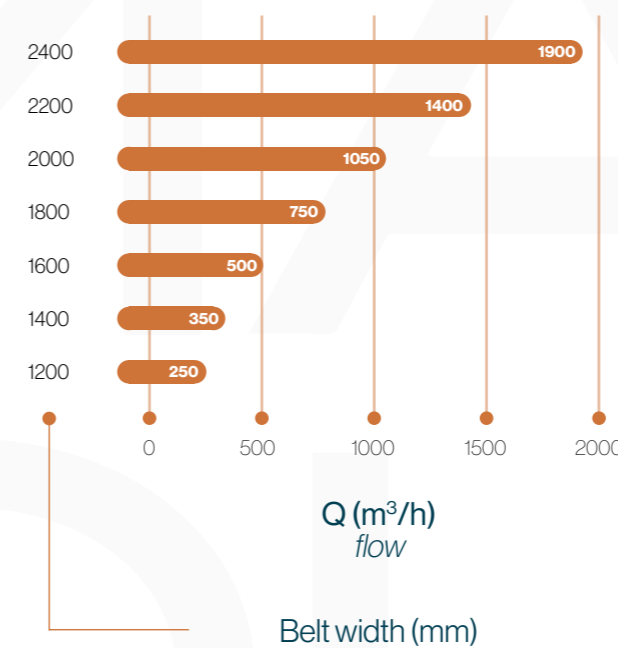
### GENERAL CHARACTERISTICS

- Easy access to all elements.
- Belt disassembly on one side.
- Upper and lower cover, fitted with dusting outlet.
- Belt tensing with spindle.
- Includes detectors for drum rotation and belt shifting.
- Speed measurement with encoder.
- Weight measurement with load cells.
- Hollow-shaft gear-motor, directly connected to the drum.
- Manually adjustable material layer height.
- Includes electrical box for the local connection of tools.

#### ROBUST DESIGN TO WORK WITH HEAVY LOADS.

Can be installed directly under silos with vertical-walled, divergent or mass flow designs.

Manufactured with different materials based on the application.



### ACCESORIES

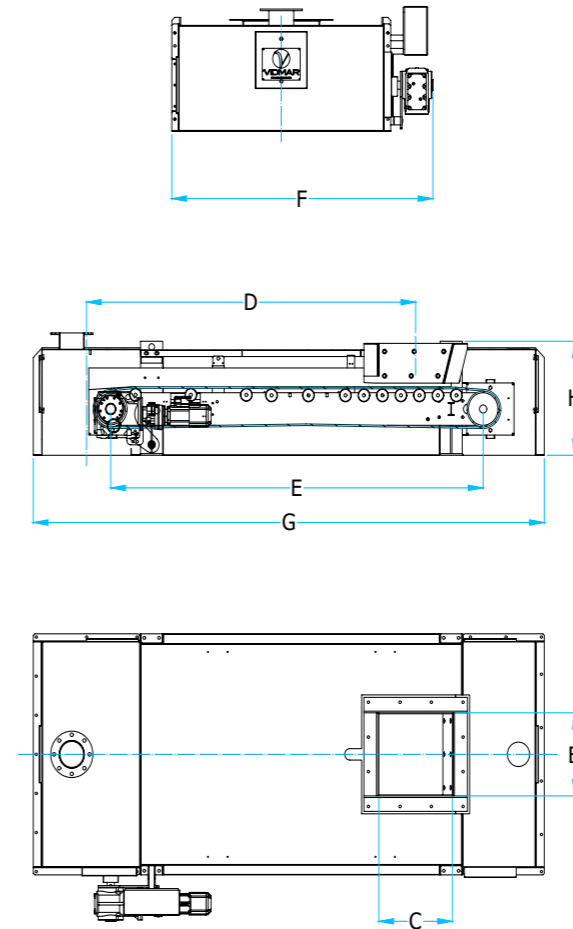
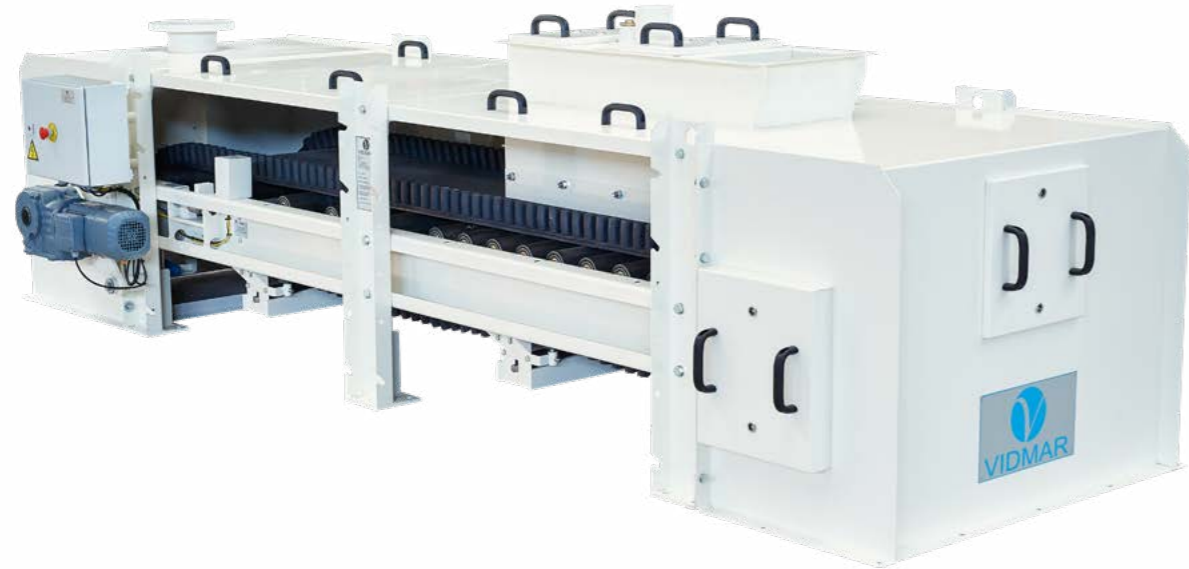
- Bars gate.
- Sliding gate.
- Hammers gate.
- Spillage conveyor.
- Vibrated hopper.
- Disagglomerator.
- Impact rollers weighing.
- Dosing controller with touch screen and variable frequency drive.





# BELT WEIGH FEEDER FOR GRANULAR PRODUCTS

## BWG SERIES



### TECHNICAL FEATURES

**DRUM DIAMETER**  
From 220mm to 420mm

**BELT WIDTH**  
From 650mm to 1400mm

**LENGHT**  
Distance between drum shafts from 1650mm with 500mm increments.

**LENGHT OF THE LODING HOPPER**  
Up to 3000mm

**BELT**  
Belt material based on the application

**WEIGHING**  
Direct transmission of weight on two load cells.

**FLOW**  
Up to 350 t/h

**FLOW RANGE**  
Up to 1:200

**WORKING TEMPERATURE**  
Up to 200°C

**ACCURACY**  
± 0,5% in all the flow range.

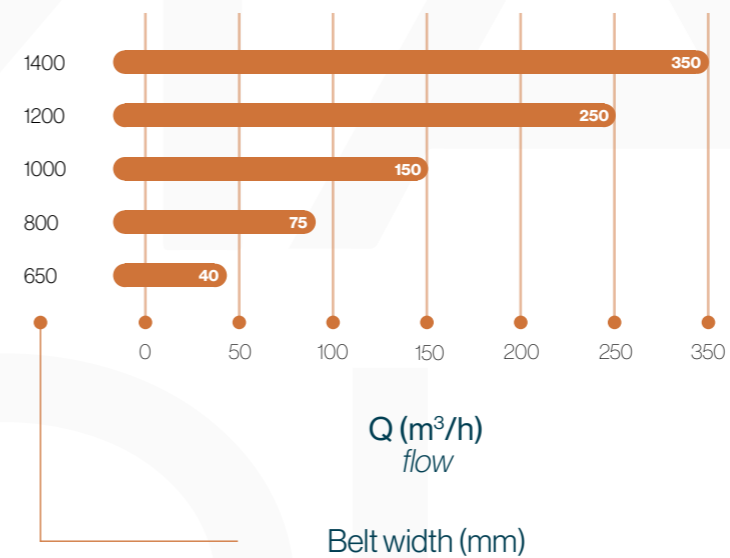
### GENERAL CHARACTERISTICS

- Easy access to all elements.
- Belt disassembly on one side.
- Upper and lower cover, fitted with dusting outlet.
- Belt tensing with spindle.
- Includes detectors for drum rotation and belt shifting.
- Speed measurement with encoder.
- Weight measurement with load cells.
- Hollow-shaft gear-motor, directly connected to the drum.
- Manually adjustable material layer height.
- Includes electrical box for the local connection of tools.

#### ROBUST DESIGN TO WORK WITH MEDIUM LOADS.

Can be installed directly under silos with vertical-walled, divergent or mass flow designs.

Manufactured with different materials based on the application.



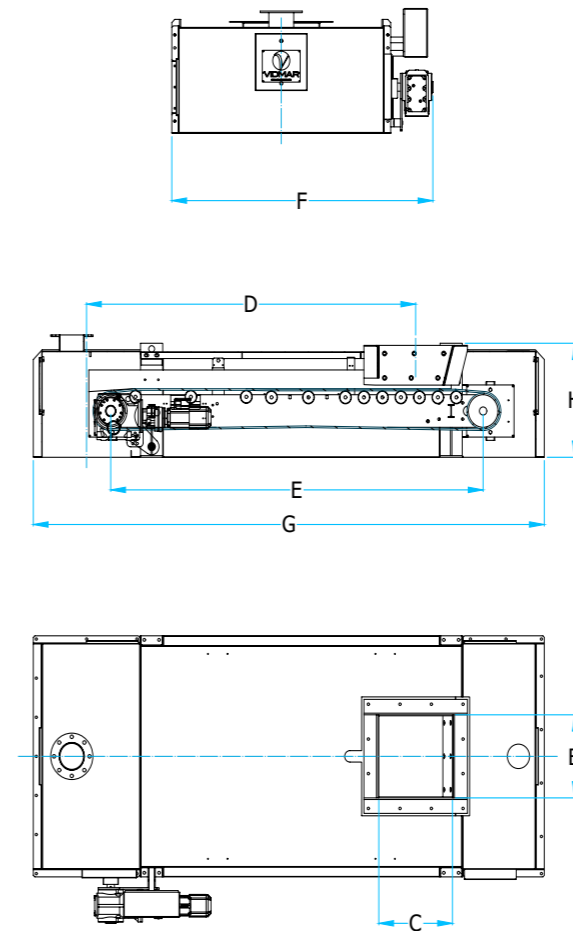
### ACCESORIES

- Bars gate.
- Sliding gate.
- Hammers gate.
- Spillage conveyor.
- Material sensor.
- Vibrated hopper.
- Disagglomerator.
- Impact rollers weighing.
- Hopper agitator.
- Dosing controller with touch screen and variable frequency drive.



# BELT WEIGH FEEDER FOR GRANULAR PRODUCTS

## HG SERIES



### TECHNICAL FEATURES

**DRUM DIAMETER**  
From 160mm to 320mm

**BELT WIDTH**  
From 400mm to 1000mm

**LENGHT**  
Distance between drum shafts from 1150mm, with 500mm increments.

**LENGHT OF THE LOADING HOPPER**  
Up to 1000mm

**BELT**  
Belt material based on the application.

**WEIGHING**  
Direct transmission of weight on two load cells.

**FLOW**  
From 5 to 150 t/h

**FLOW RANGE**  
Up to 1:200

**WORKING**

**TEMPERATURE**  
Up to 200°C

**ACCURACY**  
± 0,5% in all flow range.

### ACCESORIES

- Bars gate.
- Sliding gate.
- Spillage conveyor.
- Material sensor.
- Vibrated hopper.
- Disagglomerator.
- Impact rollers weighing.
- Hopper agitator.
- Dosing controller with touch screen and variable frequency drive.

### ROBUST DESIGN TO WORK WITH SMALL LOADS.

Can be installed directly under silos with vertical-walled, divergent or mass flow designs.

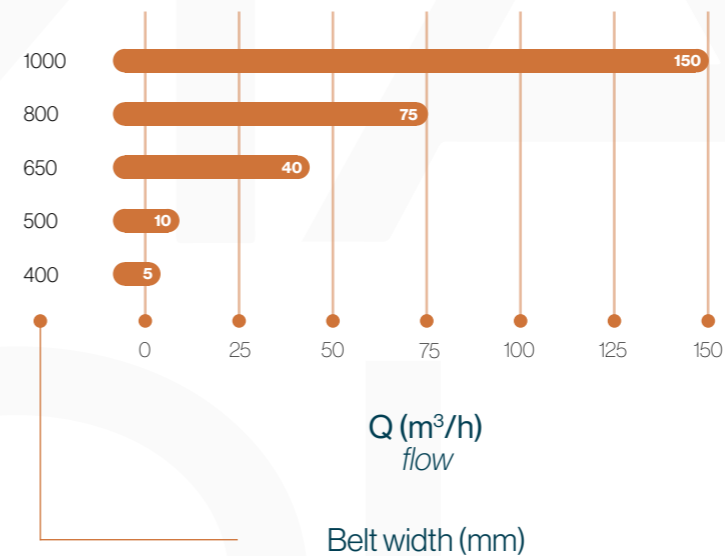
Manufactured with different materials based on the application.

HG-i model in stainless steel for ice and fertilizers.

HG-f model in AISI-316L in food grade.

### GENERAL CHARACTERISTICS

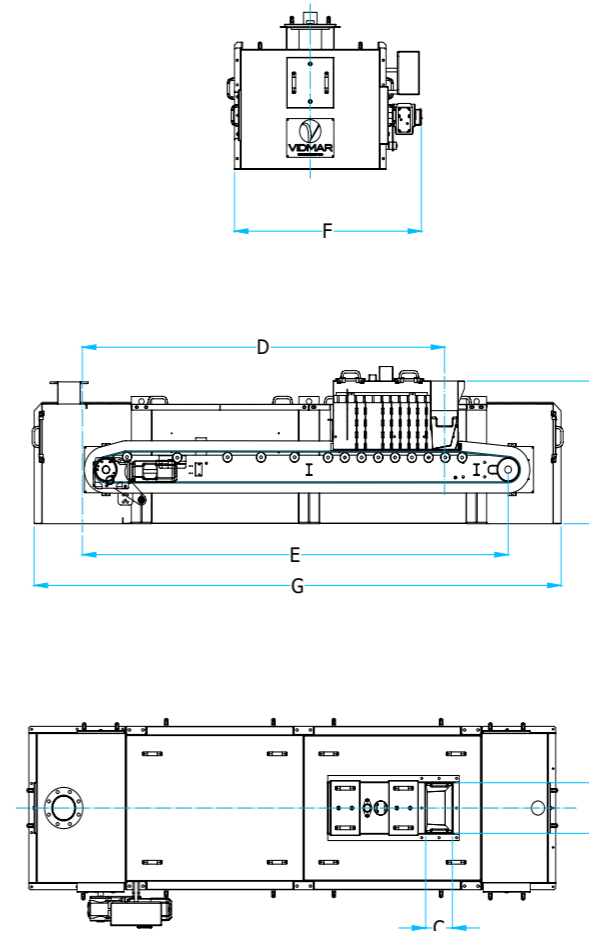
- Easy access to all elements.
- Belt disassembly on one side.
- Upper and lower cover, fitted with dusting outlet.
- Belt tensing with spindle.
- Includes detectors for drum rotation and belt shifting.
- Speed measurement with encoder.
- Weight measurement with load cells.
- Hollow-shaft gear-motor, directly connected to the drum.
- Manually adjustable material layer height.
- Includes electrical box for the local connection of tools.





# BELT WEIGH FEEDER FOR POWDERY PRODUCTS

## BWP SERIES



### TECHNICAL FEATURES

**DRUM DIAMETER**  
From 220mm to 520mm

**BELT WIDTH**  
From 650mm to 1800mm

**LENGHT**  
According to client's requirement.

**LENGHT OF THE LOADING HOPPER**  
Depending on the model and capacity of the scale.

**BELT**  
Belt material chosen based on the application.

**WEIGHING**  
Scale: Direct transmission of weight on two load cells.  
Settling chamber: Direct transmission of weight on load cells.

**FLOW**  
Up to 350 t/h

**FLOW RANGE**  
Up to 1:200

**WORKING TEMPERATURE**  
Up to 200°C

**ACCURACY**  
± 0,5% in all the flow range.

### ACCESORIES

- Sliding gate.
- Spillage conveyor.
- Impact rollers weighing.
- Equipment for material extraction from silo: sliding gates, flow control valves, airslides, rotary valves.
- Dosing controller with touch screen and variable frequency drive.

**ROBUST** EQUIPMENT FOR THE GRAVIMETRIC DOSING OF **POWDERY** PRODUCTS.

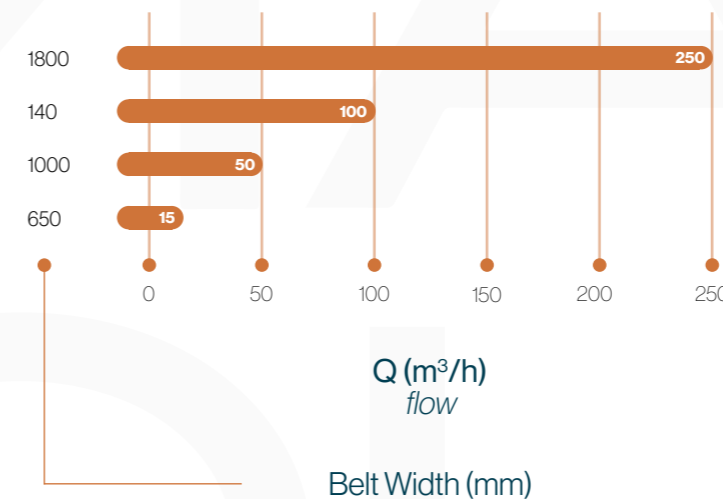
Has a flange to connect an initial feeder (rotary valve, segment valve, etc.).

Watertight equipment that has a settling chamber for material in its inlet hopper, which ensures a continuous feeding of material to the weighing bridge.

Manufactured with different materials based on the application.

## GENERAL CHARACTERISTICS

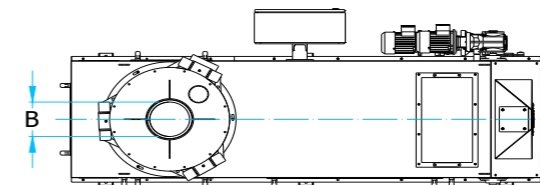
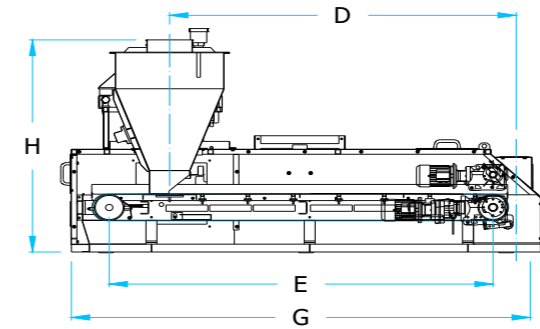
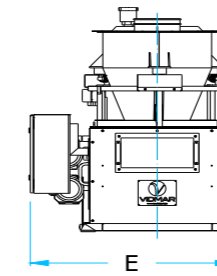
- Easy access to all elements.
- Belt disassembly on one side.
- Complete cover, fitted with dusting outlet
- Belt tensing with spindle.
- Includes detectors for drum rotation and belt movement.
- Speed measurement with encoder.
- Weight measurement with load cells.
- Hollow-shaft gear-motor, connected directly to the drum.
- Manually adjustable material layer height.
- Includes electrical box for the local connection of tools.
- Settling chamber with independent weighing system.
- Maximum level.





# MICRODOSING EQUIPMENT

## BWG-Mic SERIES



### TECHNICAL FEATURES

**DRUM DIAMETER**  
From 80mm to 220mm

**BELT WIDTH**  
From 200mm to 400mm

**LENGHT**  
Distance between drum shafts from 1000mm, with 200mm increments

**LENGHT OF THE LOADING HOPPER**  
Up to 500mm

**BELT**  
Belt material chosen based on the application.

**WEIGHING**  
Direct transmission of weight on two load cells or through the lever arm with single cell.

**ACCURACY**  
± 0,5% in all the flow range.

EQUIPMENT FOR THE **GRAVIMETRIC DOSING** OF **GRAINY** OR **POWDERY** PRODUCTS IN SMALL LOADS.

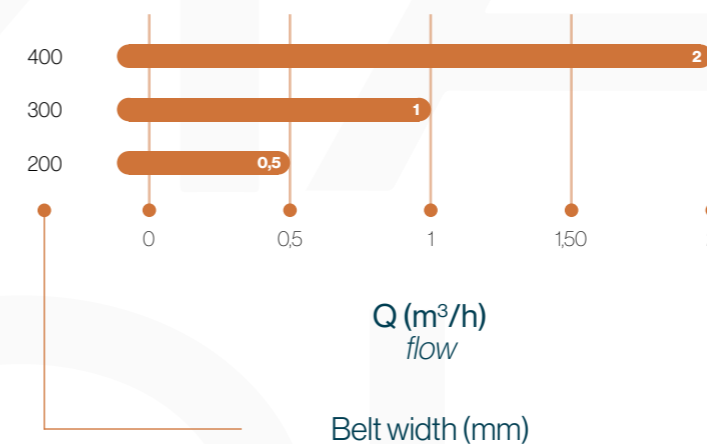
Robust design for working with products with physically aggressive properties (corrosion, humidity, etc.).

Manufactured with different materials based on the application (carbon steel, stainless steel, etc.).

Use of orthogonal-type, hollow-shaft direct connection drives with alternating current motors to ensure optimum power transfer.

### GENERAL CHARACTERISTICS

- Easy access to all elements.
- Belt disassembly on one side.
- Complete cover, fitted with dusting outlet.
- Belt tensing with spindle.
- Includes detectors for drum rotation and belt movement.
- Speed reading by encoder.
- Weight reading by load cell.
- Hollow-shaft gear-motor, connected directly to the drum, chosen specifically for each application. The supplied alternating current motor is designed for applications of great speed variation.
- Manually adjustable material layer height.
- Includes electrical box for local connection of the instrumentation.



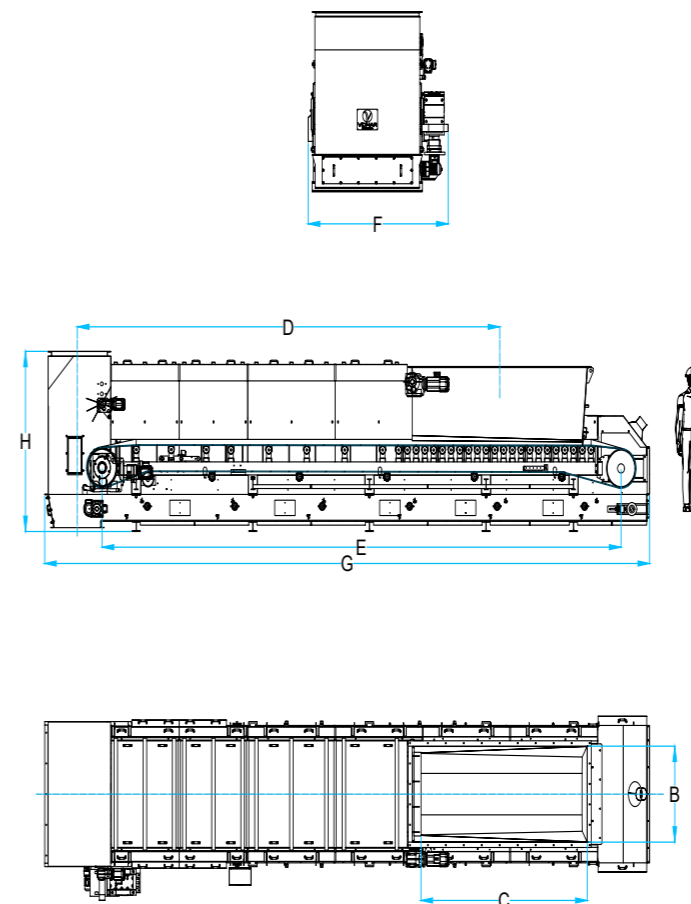
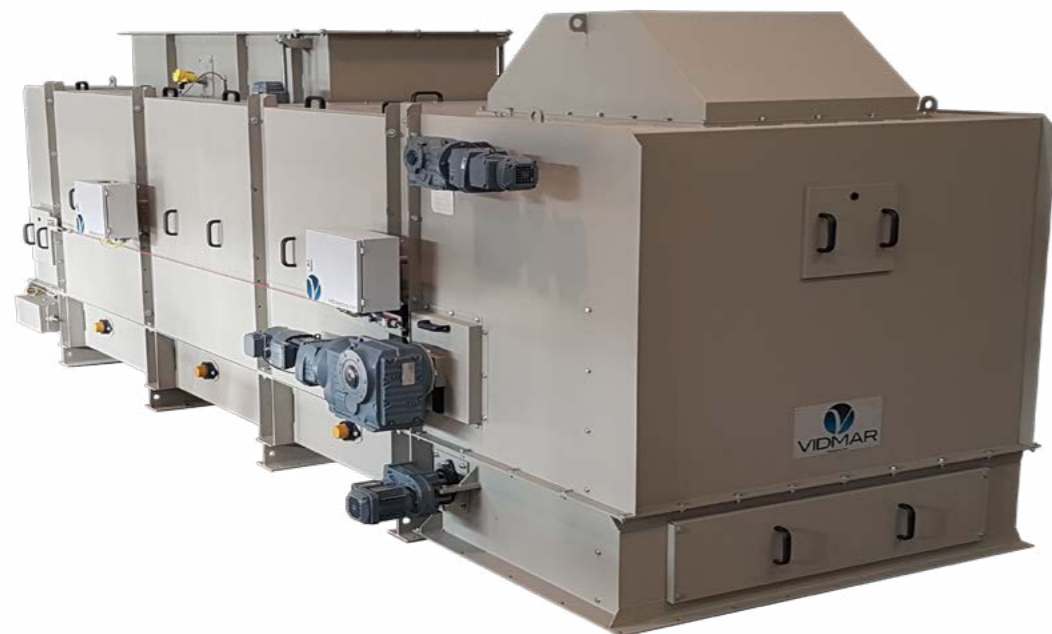
### ACCESORIES

- Bars gate.
- Sliding gate.
- Spillage conveyor.
- Vibrated hopper.
- Impact rollers weighing.
- Hopper agitator.
- Dosing controller with touch screen and variable frequency drive.



# BELT WEIGH FEEDER FOR ALTERNATIVE FUELS

## BAF SERIES



### TECHNICAL FEATURES

**DRUM DIAMETER**  
From 220mm to 420mm

**BELT WIDTH**  
From 650mm to 1400mm

**LENGHT**  
Distance between drum shafts from 2650mm, with 500mm increments.

**LENGHT OF THE LOADING HOPPER**  
Up to 3000mm

**BELT**  
Belt material based on the application.

**WEIGHING**  
Direct transmission of weight on two loads cells.

**FLOW**  
Up to 30 t/h

**FLOW RANGE**  
Up to 1:200

**WORKING TEMPERATURE**  
Up to 60°C

**ACCURACY**  
± 0,5% in all the flow range.

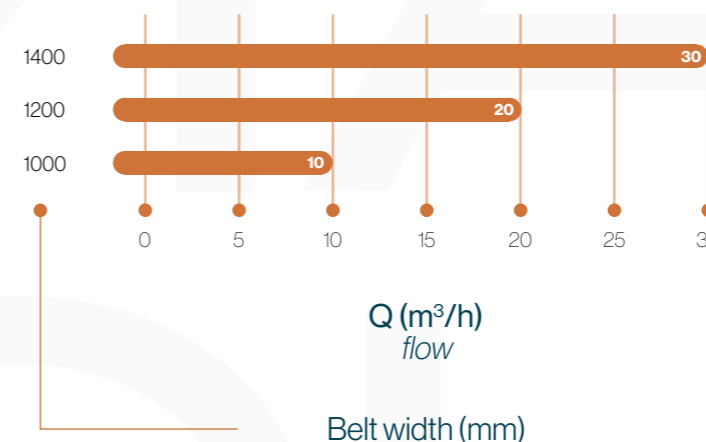
### GENERAL CHARACTERISTICS

- Easy access to all elements.
- Belt disassembly on one side.
- Upper and lower cover, fitted with dusting outlet.
- Belt tensing with spindle.
- Includes detectors for drum rotation and belt movement.
- Includes extractor roller at the hopper exit and spike roll at scale exit.
- Speed mesurement with encoder.
- Weight mesurement with load cells.
- Hollow-shaft gear-motor, directly connected to the drum.
- Manually adjustable material layer height.
- Includes electrical box for the local connection of tools.

DOSING DEVICE  
**ESPECIALLY DESIGNED FOR THE DOSING OF LOW-DENSITY PRODUCTS**, SUCH AS ALTERNATIVE FUELS: Rdf, Tdf, Biomass, Plastic, Paper, Olive Pomace, Etc.

Robust design for working with medium and small loads.

Manufactured with different materials based on the application.



### ACCESORIES

- Spillage conveyor.
- Infeed weighing.
- Disagglomerator.
- Impact rollers weighing.
- Hopper agitator.
- Dosing controller with touch screen and variable frequency drive.
- Extraction roller.
- Automatic lubrication system.



## LOSS IN WEIGHT FEEDER

### DPR'S SERIES



LOSS-IN-WEIGHT DOSER SPECIALLY DESIGNED FOR THE **DOSAGE OF ADDITIVES**.

Robust design prepared to work with medium and small loads for powdery or low granulometry products.

Includes internal agitator in the hopper above the auger.

Manufactured in different materials depending on the application.

DPR-i model in stainless steel for ice and fertilizers.

DPR-f model in AISI-316L in food grade.

### GENERAL CHARACTERISTICS

- Easy access to all elements.
- Disassembly of the auger and hopper on one of its sides.
- Complete closure.
- Includes auger and agitator rotation detectors.
- Does not require speed measurement.
- Weight reading through load cells.
- Gear motor coupled directly to the auger
- Includes electrical box for local connection of the instrumentation.
- AWS system that prevents vibrations in the weighing system.
- Standard masses for the calibration of the scale.



### TECHNICAL FEATURES

#### COMPACT DESIGN

Complete enclosure of the dispenser and hopper adapted to industrial conditions.

#### AWS

Vidmar exclusive weighing anti-vibration system.

#### SCREW CONVEYORS LENGTH

Length adapted to the design of the installation.

#### SIZE OF THE LOADING HOPPER

Hopper size according to the dosing flow.

#### SCREW CONVEYORS

Screw conveyor's size according to the dosing flow.

#### WEIGHING

Direct weight transmission on two load cells.

#### FLOW

Up to 10 t/h

#### FLOW RANGE

Up to 1:200

#### WORKING TEMPERATURE

Up to 60°C

#### ACCURACY

± 0,5% throughout the flow range.

### ACCESORIES

- Input or output interfaces.
- Hopper agitator.
- Dosage controller with touch screen and speed variator "Power Advanced" model.



## DOSING CONTROLLERS



### CONTROLLER RANGE

**ADVANCED**

Belt Scale **without power**  
Weighing system for screw conveyors **without power**

Schneider  
Siemens  
Rockwell

**POWER  
ADVANCED**

Belt Scale **with power**  
Weighing system for screw conveyors **with power**

Schneider  
Siemens  
Rockwell

VIDMAR HAS DEVELOPED A SERIES OF **STANDARDISED CONTROLLERS FOR THE CONTROL OF DOSING AND FLOW MEASUREMENT EQUIPMENT, WHICH ALLOW US TO HAVE A BETTER PERFORMANCE** DURING THE PROCESSES AND WITH THE EQUIPMENT OF OUR CLIENTS.

These controllers can control machines, such as:

- Dosing scales
- Belt Scales
- Weighing system for screw conveyors
- Bulk weigher
- Others

### GENERAL CHARACTERISTICS

— These controllers are designed and programmed based on market PLCs (Schneider, Siemens, Rockwell...), so it is very easy to integrate them in plant control systems thanks to the standard communication protocols of each of the manufacturers (Profibus, Profinet, Ethernet IP, Ethernet Modbus...).

— Depending on customer requirements, We group our range of controllers into two groups:

- Compact controllers: only the control of the equipment is integrated and the power elements are located in the customer's CCM.
- Modular controllers: have both both the power part and the control part.

# STATIC WEIGHING



// vidmargroup.com

**Trucks and trains  
weighbridges**

**48-49**

**Special weighing  
systems**

**50-51**

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*At **Vidmar**,  
we use **our own  
technology** for  
the **development  
of any type of  
weighing system.***

*Designing special  
equipment in  
accordance with the  
**needs of each client.***







# TRUCKS AND TRAINS WEIGHBRIDGES

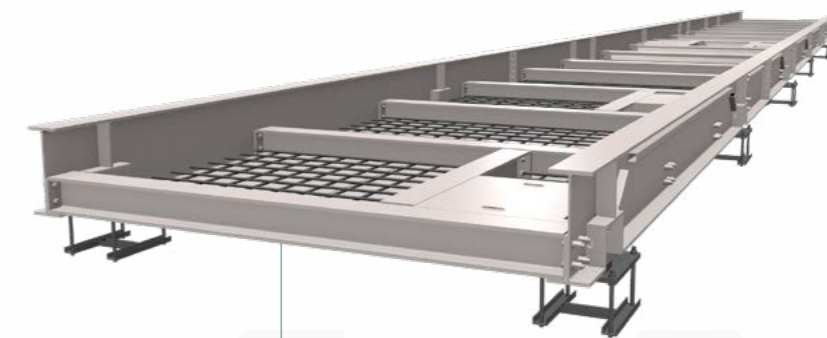
## BPV MODEL



MODULAR TRUCK WEIGHBRIDGE



METAL TRUCK WEIGHBRIDGE



CONCRETE TRUCK WEIGHBRIDGE



TRAIN WEIGHBRIDGE

**OWN MANUFACTURE** OF SCALES FOR WEIGHING TRUCKS AND/OR TRAINS, WITH DIFFERENT VERSIONS AND DELIVERY TYPES BASED ON THE REQUIREMENTS.

We have completely metal or mixed (steel + concrete) models.

These models can be installed on a surface or in a pit.

## GENERAL CHARACTERISTICS

— Standard dimensions with lengths ranging from 8 metres up to 40 metres. However, they can be designed and manufactured in bigger sizes based on the needs of each client.

— Our designs allow for a simple and fast assembly and easy access to the load cells, which makes inspection and maintenance work easier.

— In our engineering department, all the structural profiles are calculated with precision so that they can support the expected loads without any problems.

## TECHNICAL FEATURES

**DELIVERY**  
Embedded or on the floor.

**SURFACE**  
Metal or concrete.

**WIDTH**  
Standard width of 3 metres and special widths upon request.

**LENGTH**  
Standard length of 16, 18 and 24 metres. Other sizes upon request.

**LOAD CELLS**  
Analogue or digital.

**INDICATORS**  
Indicators of weight with analogue outputs and serial communication or field network.

**RESISTENCE**  
At high vehicle frequency.

## APPLICATIONS

This type of equipment for weighing systems for heavy-duty vehicles, such as:

- Weighing trucks
- Weighing trucks or train wagons on the move

Our supply includes indicators and load cells using digital or analogue technology, both for new scales and for the transformation of existing scales, as well as for weighing silos, hoppers, conveyor screws, etc.

## ACCESSORIES

- Dirt-proof rubber profiles.
- Lateral rails.
- Metal ramps.



## SPECIAL WEIGHING SYSTEMS



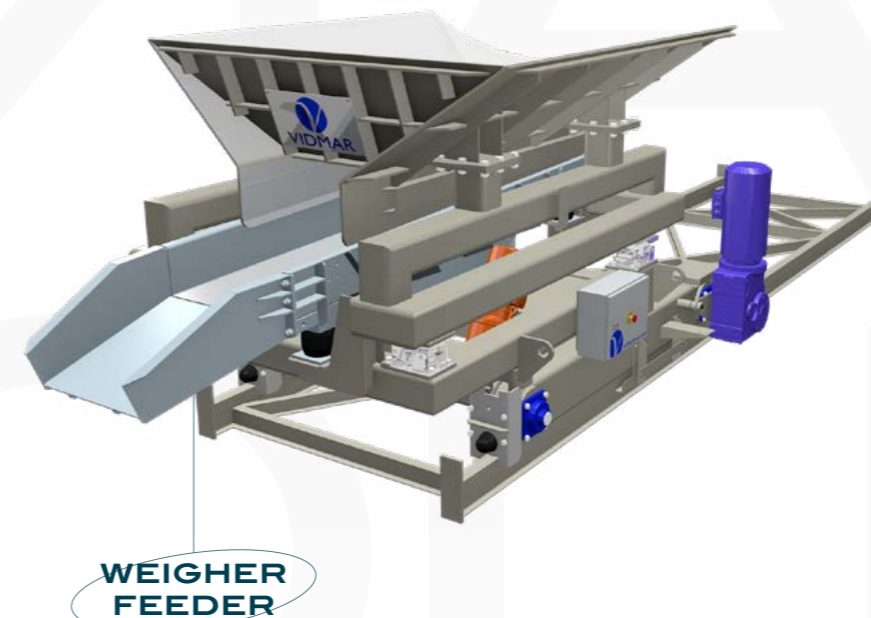
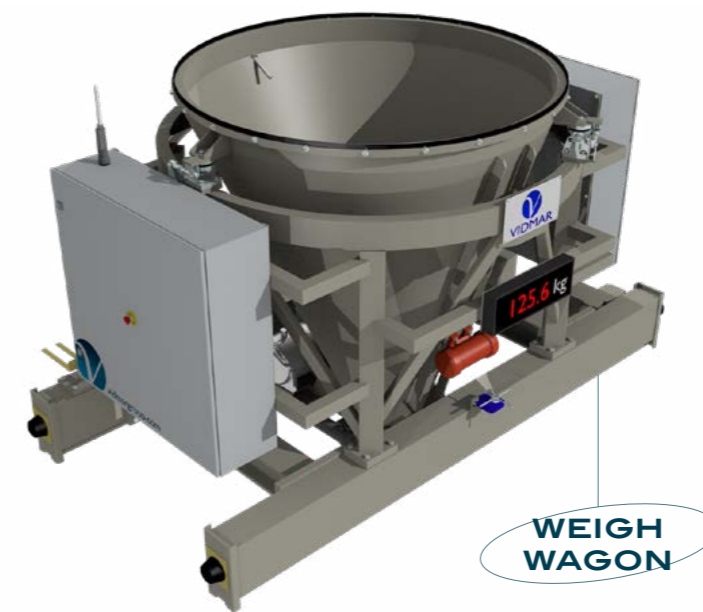
WE USE OUR **OWN ENGINEERING SERVICES** FOR THE DEVELOPMENT AND MANUFACTURE **OF ANY TYPE OF WEIGHING SYSTEM.**

For products on manual or automatic mode, adapted to installation needs and the technical requirements of the client.

This type of systems are ideal for when we need to weigh (manually or automatically) one or more products like Big-Bags, sacks, silos, etc. to determine the dose for other equipment, such as reactors, mixers or other types of equipment that require us to add different products.

## GENERAL CHARACTERISTICS

- Custom-made systems.
- Mechanical finishing adapting to the requirements of the process
- Static or mobile systems.
- Very safe systems equipped with anti-tipping and anti-rotating systems.
- Adaptation to existing systems.



## TECHNICAL FEATURES

### WEIGHING

From 10 gr in hoppers for additives up to 1000 t in silos.

High precision.

For small and great weighing capacities.

Possibility of certification.

## APPLICATIONS

- Portable, fixed scales, scales guided by tracks, etc.
- Weighing fixed structures: reactors, hoppers, silos, etc.
- Static scales for dosing by batches or recipes.
- Complete structures for loading and/or unloading Big Bags.
- Check Weigher.
- Bulk Weigher.

# EXTRACTION AND CONVEYING EQUIPMENT



// vidmargroup.com

Apron Feeder

54 · 55

Armoured  
conveyor

• Panzer

56 · 57

Belt  
conveyor

• TBV

58 · 59

• TCV

60 · 61

Bucket  
elevator

• BEV

62 · 63

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Equipment design and manufacture  
for **storing industrial products.**

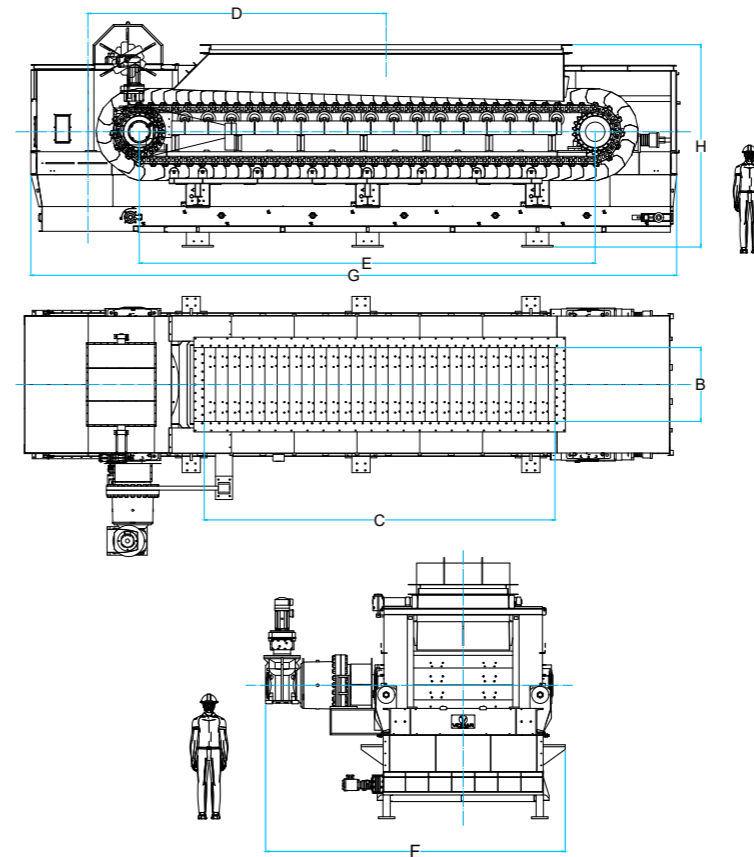
As well as equipment for  
**product conveying.**

// vidmargroup.com





# APRON FEEDER



## TECHNICAL FEATURES

**WHEEL DIAMETER**  
From 400mm to 900mm

**PAN WIDTH**  
From 500mm to 3000mm

**WHEEL & LENGHT**  
According to client specifications.

**LENGHT OF THE INFEEED**  
Up to 9000mm

**PANS & LINING**  
Geometry and manufacturing material selected on handled material.

**CHAIN**  
Self-lubricated undercarriage chain.

**APRON WEIGH FEEDER**  
A weighing system can be integrated to convert the apron into a dosing equipment.

**ROBUST DESIGN PREPARED FOR THE MOST DEMANDING CONDITIONS FOUND IN THE HEAVY INDUSTRY.**

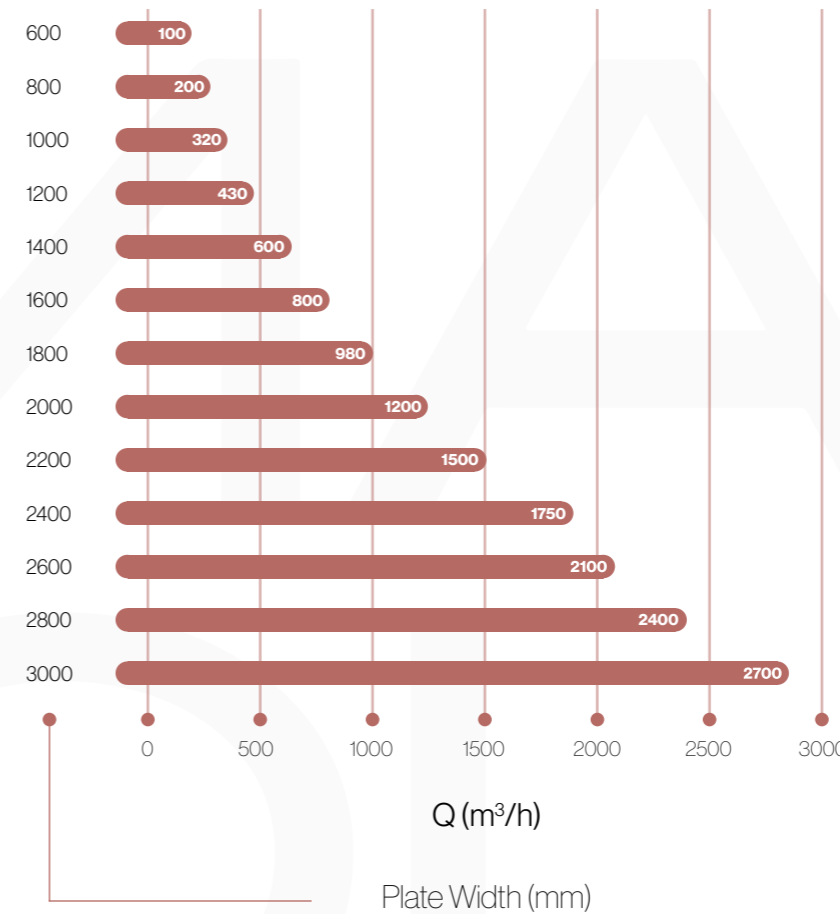
Drive elements selected from interchangeable parts of self-lubricating undercarriage track chain.

Supply of abrasion resistant liners in the parts in contact with material.

Surface treatment and finishing painting in accordance to customer specification.

## GENERAL CHARACTERISTICS

- Easy access to all elements.
- Screw take-up.
- Includes a rotation detector in the driven shaft.
- The use of direct-coupling gearmotors and inverter duty high-efficiency motors ensures optimum power transmission.
- Material infeed supplied with manually adjustable outlet gate.



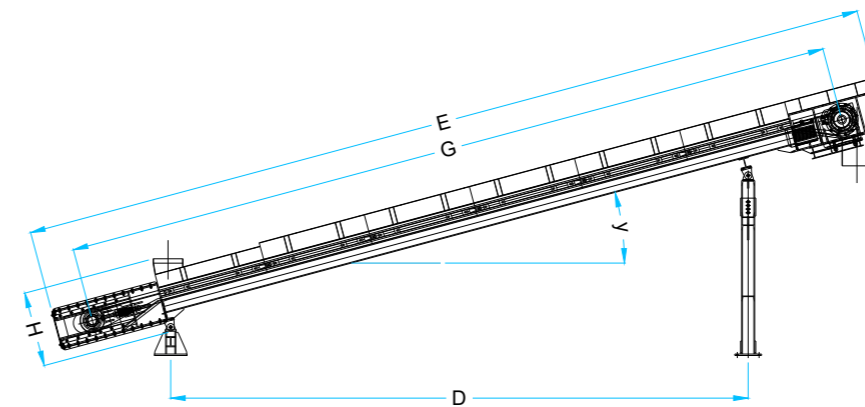
## ACCESORIES

- Bars gate.
- Fines conveyor.
- Automatic greasing.
- Deagglomerator.
- Dosing controller with touch screen and variable frequency drive.



# ARMOURED CONVEYOR

## PANZER



### TECHNICAL FEATURES

**FLOW RANGE**  
From 5t/h to 200t/h

**LENGTH**  
Up to 12m

**MAXIMUM WIDTH**  
700mm

**TOTAL HEIGHT**  
Limited depending on the inclination.

**INPUT HOPPER**  
400mm diameter.

**ENGINE**  
On the right side according to march direction, both for conveyor reducer and scraper.

**TRANSPORT**  
400mm wide by 61mm high.

**MATERIAL OUTLET FLANGE**  
400mm diameter.

**DISTANCE BETWEEN RETURN HEAD AND DRIVE HEAD**  
According to length.

**DRIVE**  
By one or two motors group.

**DRAG**  
By single central, double or triple chain.

**CHAIN BREAKING LOAD**  
From 10Tm to 33Tm

THE **ARMOURED CONVEYOR** IS IDEAL FOR **MATERIAL TRANSPORT INSTALLATIONS** IN AREAS WITH **EXTREME ENVIRONMENTAL CONDITIONS** AND **HIGH TEMPERATURES** AND/OR **HIGH ABRASIVITY** PRODUCTS.

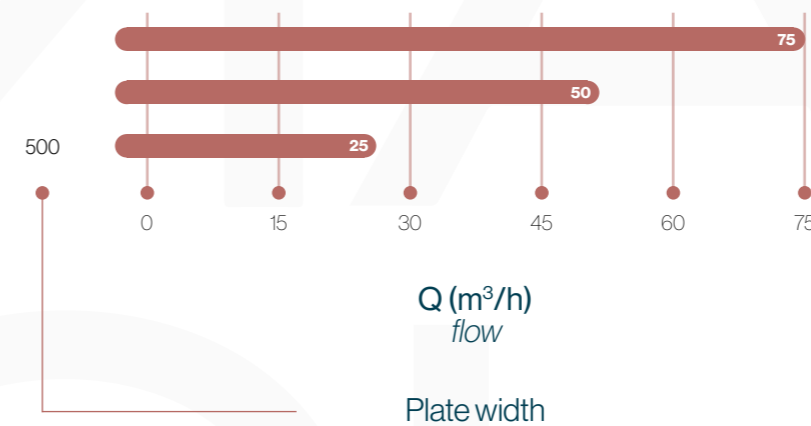
Different models and lengths are manufactured according to customer requirements.

Its use, though mainly in mining (salt, coal, copper, iron, etc.), can also have multiple applications in all kinds of industries with similar working conditions: quarries, aggregate treatment plants, cement, lime and plaster production plants, etc.

### GENERAL CHARACTERISTICS

– The armoured conveyor consists of a series of modules joined together. These modules can be straight or curved depending on the changes in terrain inclination.

– The product is dragged by transverse platens to the conveyor load guides, which are driven by two or three parallel very tough special mining chains greater than 64HRc on the surface, ensuring operation even when the conveyor is covered with material.





# BELT CONVEYOR



**VIDMAR BELT CONVEYORS ARE EQUIPMENT ADAPTED TO EACH PROJECT AND NEED OF OUR CLIENTS.**

**WE PROVIDE EACH SOLUTION WITH A DIFFERENT TYPE OF CONVEYOR, BASED MAINLY IN THE DESIGN AND CALCULATION OF THE RESISTANT COMPONENT SUCH AS THE FRAME.**

This component defines us the different models and their designations, covering this form all the necessities of transport by band.

Belts of different qualities, resistant to abrasion, cutting, at high temperatures, to oils and fats, food... offer customer long-term installations duration and low maintenance.

The cement, glass, mining, biomass, all kinds bulk, food..., among many others, benefit from the experience accumulated by VIDMAR over many years in the calculation, design, manufacture and after-sales service of Belt Conveyors.



## GENERAL CHARACTERISTICS

- Robust and optimized construction.
- Lattice Frames, Monobeam, Folded Sheet, Tube...
- Top brand components, motor group, rollers, band, bearings, sensorization...
- Spindle or counterweight tensioners based on power and length.
- Upper fairings galvanized and folding.
- Protections and access according to CE marking.



## TECHNICAL FEATURES

**CONVEYING SOLUTIONS**  
Horizontals, reversible horizontals, reversible and mobile horizontals, inclined, motorized rotating pivots, horizontal to inclined transition with longitudinal curve, "Z" of great inclinations or verticals.

**BELT WIDTH**  
From 200mm to 1600mm for belt conveyors PVC, green, white FDA... and from 400mm to 1600mm in black rubber bands and reinforced with a rigid frame.

**PULLEYS**  
From Ø140mm for PVC bands to Ø1000mm for large capacity conveyors.

**LENGHT**  
Depending on each project and up to 200-250m.

**INCLINATIONS**  
Up to 18° with smooth belts, 30-32° with ribbed belts and 90° with our lateral bellows belt and transversal lug solutions.

**BELT CLEANING**  
Interior with diagonal "V" or "I" scrapers for reversible and elastic bands or polyurethane or tungsten sheets in the primary and secondary discharge.

**OPCIONAL ACESORIES**  
— Unilateral maintenance walkway with a head turn or on both sides with ladder of steps.

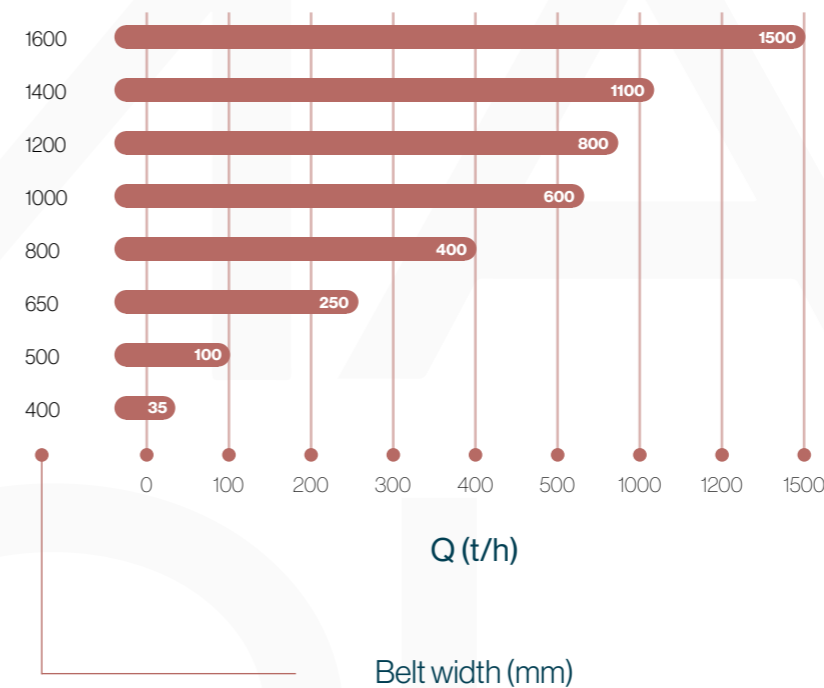
— Galvanized top cover hinged from both sides.

— Wear Plates in transfers.

— Stations garland rollers.

— Longitudinal unloading tripper trucks on one or both sides.

— Telescopic sleeves motorized in the discharge.





## BELT CONVEYOR

TCV



Conveyor design with **large dimensions for material handling very low density**, it can be **dry or wet**.

### GENERAL CHARACTERISTICS

- Watertight drawer that allows to keep sealed and clean installation.
- Recovery of returned materials under belt conveyors, plates and hoppers.
- Design appropriate to the properties of the material.



# BUCKET ELEVATOR



**VERTICAL TRANSPORT EQUIPMENT ADAPTED TO EACH PROJECT, SPACE AND LIFTING NEED OF OUR CLIENTS.**

We provide each solution with the appropriate elevator, with different qualities of buckets fixed on a band or chain, central or double. The different designs of the intermediate part, double cane or a common one for loading and return branch, define the different models and their designations, thus covering all lifting needs.

Belts of different qualities, resistant to abrasion, cutting, high temperatures, oils and greases, food and central or double chains for fixing the different PVC, stainless steel, carbon steel buckets, ... offer the customer installations of long life and easy maintenance.

The sectors of cement, glass, biomass, alternative fuels, all types of bulk, ..., among many others and always with a low percentage of humidity, benefit from the extensive experience of the VIDMAR team in their calculations, design engineering, manufacturing and post-sale service for Bucket Elevators.



## GENERAL CHARACTERISTICS

- Robust and optimized construction.
- Double intermediate canes or common central.
- Top brand components, motor group, buckets, belt, chains, bearings, sensorization...
- Spindle or counterweight tensioners based on power and lifting height.
- Safely opening inspection windows and doors.
- Protections and accesses according to CE marking.

## TECHNICAL FEATURES

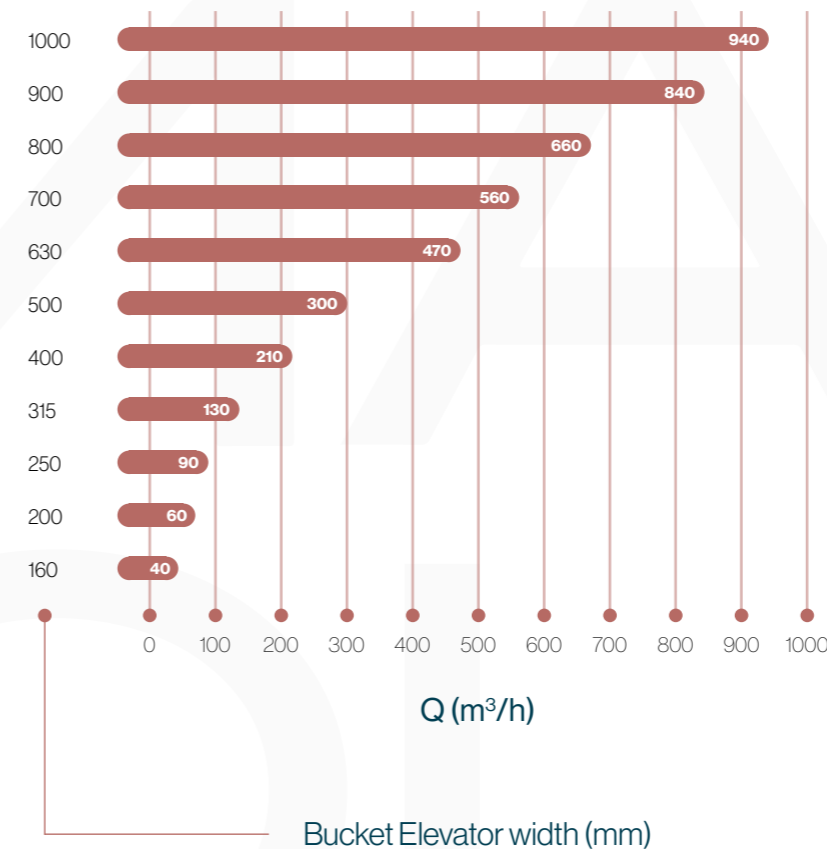
**CONVEYING SOLUTIONS**  
Vertical with band and Vertical with central chain or double chain.

**BELT / CHAINS WIDTH**  
Based on the necessary bucket, from 150mm to 1000mm and in chain likewise, the bucket will define the width between chains for the double and the inner width of the canes for those with the central chain.

**PULLEYS**  
From Ø500mm to Ø1000mm for bands and ceramic rubber coatings and toothed/grooved wheels and manufactured in segments with Dp from Ø600mm to Ø1100mm.

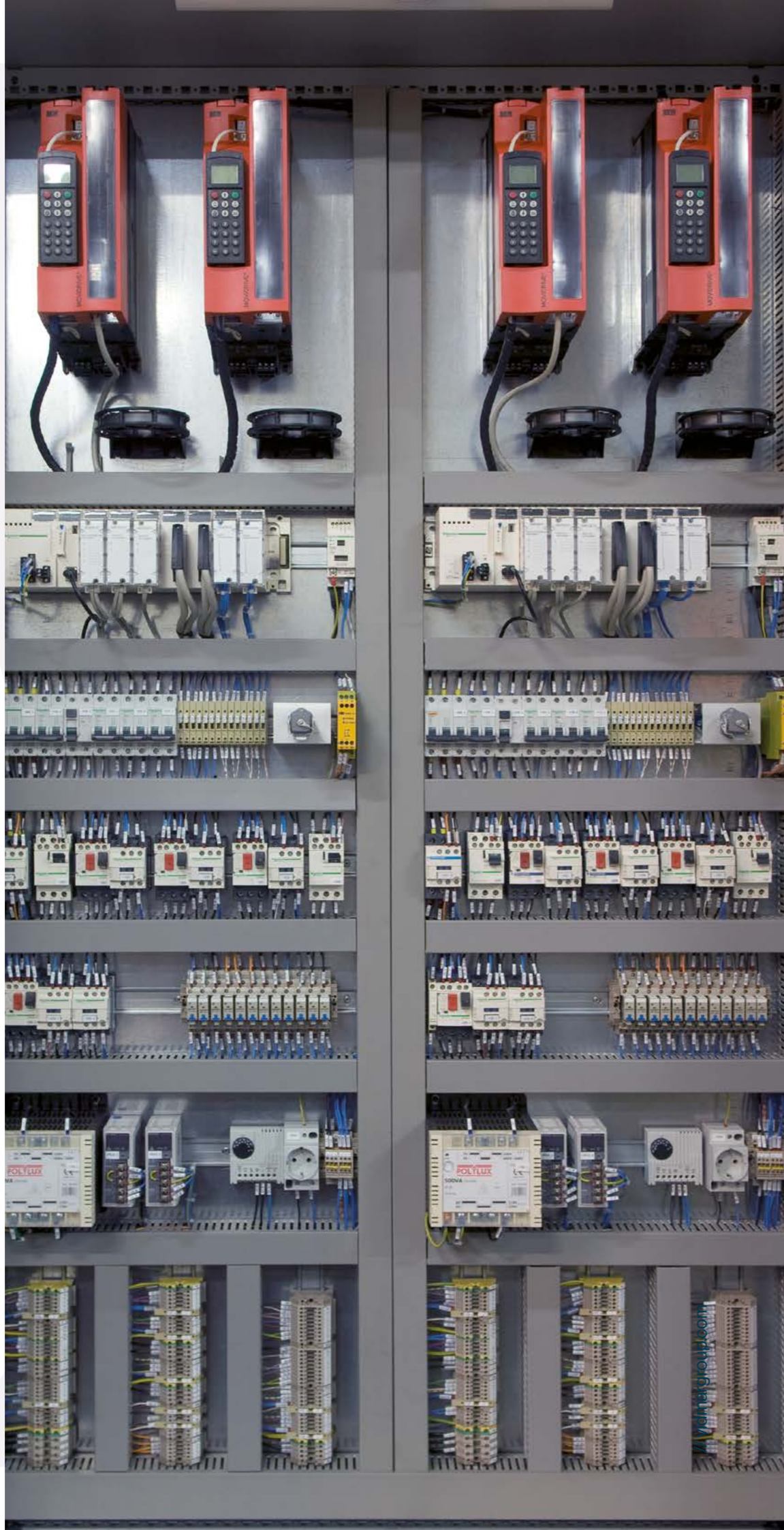
**HEIGHTS BETWEEN MOUTHS**  
Depending on each project and up to 100m.

- OPTIONAL ACCESORIES**
- Maintenance platform at the head or elevator inside the structure with perimeter stairs.
  - Anti-wear plates on the inlet nose and discharge involute.
  - Bucket deviation control sensors.
  - Fixings to silo, structure, wall...





# AUTOMATION



**Industrial processes**

**66 - 67**

**Overhead Cranes Automation**

**68 - 69**

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*We provide  
**complete  
automation  
solutions  
for industrial  
processes  
and machines.***





# AUTOMATION OF INDUSTRIAL PROCESSES

Generation of **process diagrams**.

Generation of **production** and **communication reports** with ERP systems.

**Electrical schematics** y **manufacture of electrical power** and control boards.

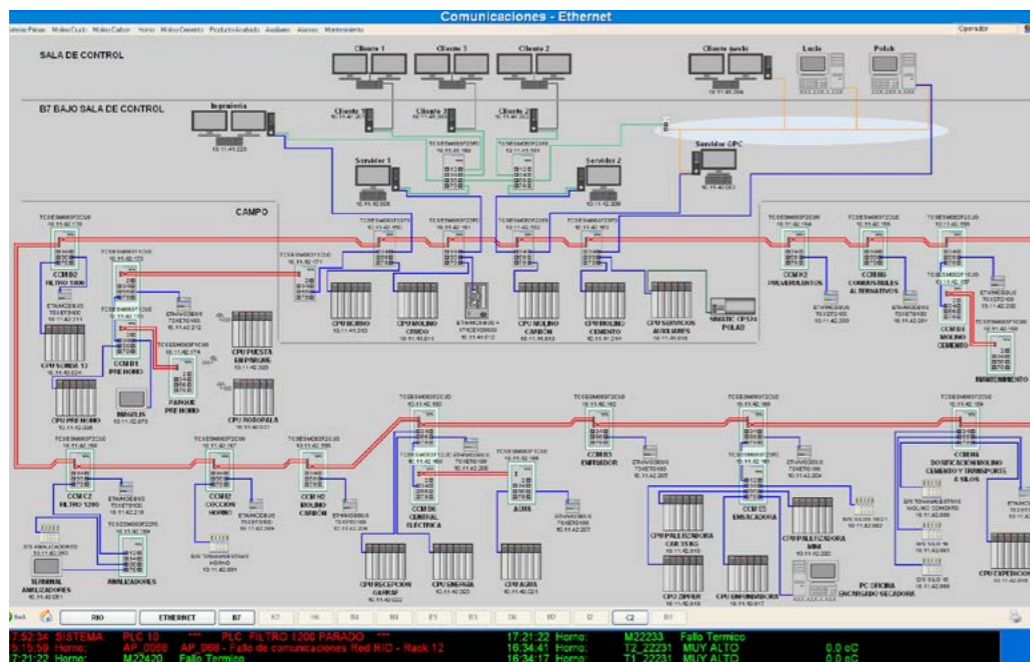
**Design and assembly** of control networks.

**Programming of control systems.** PLC, SCADA, HMI, etc....

Official integrator of **Siemens and Schneider**.

Communication with the **TRS.Net** control software of inputs and outputs to **authorize automatic truck loads**.

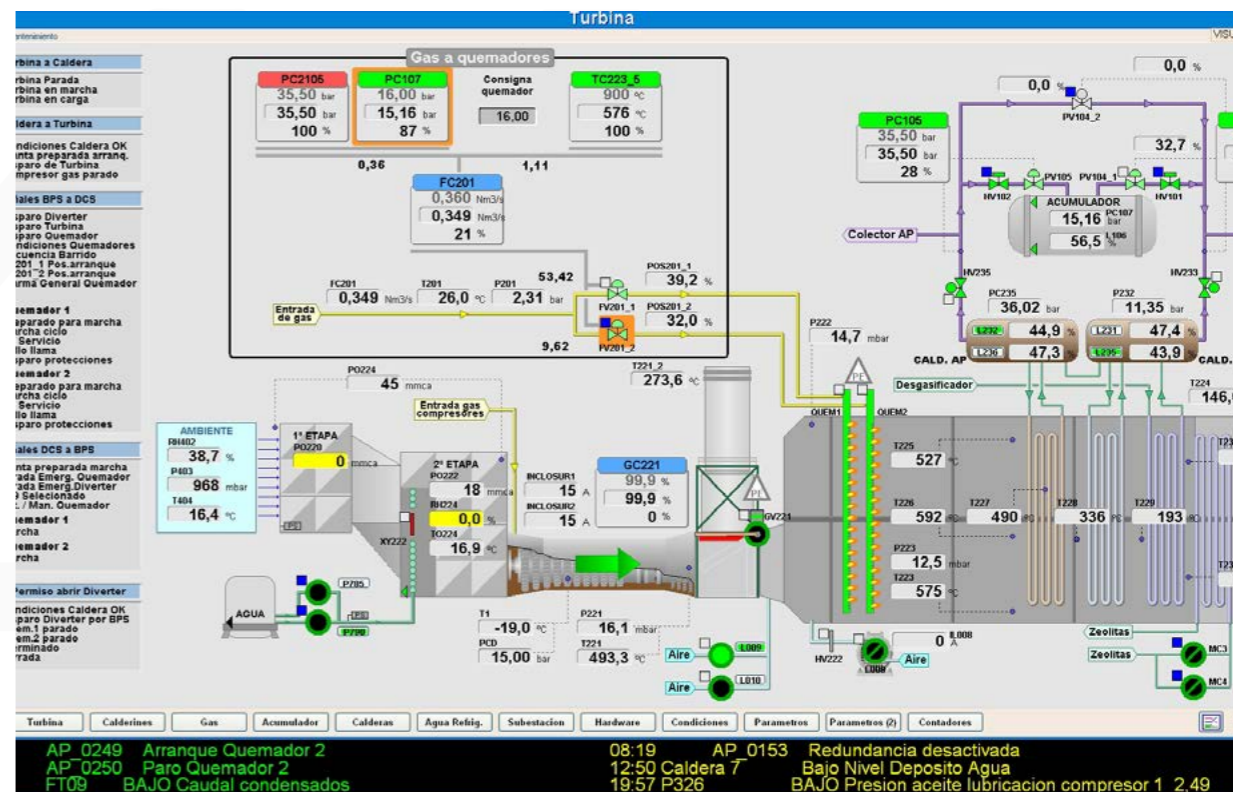
As well as the **integration of dosing systems** with **software applications** that makes it possible to **control dosing equipment from the plant control PLCs**.



One of the important activities in which we have a great experience and extensive list of references is the **automation of industrial processes**, most of which **include dosing and weighing systems**, and **automatic production chains**, in which we contemplate all phases; the study, realization of the project, delivery of equipment, assembly and commissioning of the installation.

**We offer complete engineering control for process plant automation.**

Based on the installation process diagram, electrical diagrams are defined for both power and control, appropriate electrical cabinets are built, and PLC and monitoring systems are programmed.





## OVERHEAD CRANE AUTOMATION

Vidmar is **specialized in facilities, industrial weighing systems and process automation** with **extensive experience in waste handling and pit management using fully automated overhead cranes** (PG), acquired over more than 30 years in the supply of automatic fuel handling facilities alternatives in cement plants.

The last PGs automated by Vidmar have been for the company Tirme (Mallorca) in the slag collection sections: lines 1/2, lines 3/4 and organic matter pit.

Much of the existing electrical installation and automation was used, expanding or changing only the necessary equipment to achieve 100% automatic operation without an operator.

The supervision system is completely modified to obtain a **simple access to the different configuration parameters** and thus **be able to manage any action at the moment or alarm generated by the overhead crane**.

We also offer the supply of the complete set: PG and ladle with the integrated control system, "Turnkey" mode.

The main characteristic of the PG automation system (hardware and software) is its **simplicity, robustness and running reliability** and this is achieved using highly proven and easily available market equipment that has been meticulously selected by our engineers avoiding always the use of "black box" equipment.

The intelligence of the VIDMAR automation system for PG resides in the PLC and HMI software itself, developed and evolved by integrating all the knowledge acquired over more than 30 years.

### PURPOSE OF THE AUTOMATION OF OVERHEAD CRANES

- Automatic management of collection and dosing.
- Continuous operation 24h / 365 days.
- Movement optimization and increased production.
- 100% safe PG work area integrating pedestrian access control and vehicular.
- Avoid personal contact with products harmful to health.
- Manage scheduled tasks (feeding, collection, homogenization, etc.) deciding the automatic system based on of priorities.
- Record of weighing.
- Inclusion of the PG in the process network for greater control over the installation.

### NECESSARY EQUIPMENT FOR AUTOMATION

- Variators: For PG elevation and translation motors. They allow to generate ramps of acceleration/deceleration, necessary also to minimize movement bucket swing.
- Encoders: Calculate current position of each axis.
- Height measurement laser: Read heights of the material located in the pit obtaining a mapping, thus being able to carry out collections and homogeneous pours.
- Load cell: Reads the weight of the bucket, allowing to obtain control of the fed flow.
- Reference sensors: Located at fixed points, they allow the position to be recalculated automatically.
- Limit switches: They activate the stop when the axes reach the limits of the work area.
- Touch terminal: Informs the current status of the PG and manages the different modes of operation.
- Control PLC: Receives information from all field instruments and activates the necessary elements for the PG to work automatically.

### APPLICATION FOR MANAGEMENT AND SUPERVISION

The application developed by Vidmar for the management and automatic supervision of PG, has the following characteristics:

- Simple and intuitive interface.
- Full control of the PG status.
- Management of active alarms and history.
- Task control and priority management.
- Configurable work areas.
- Make and report weighing records.

### INSTALLATION TYPE

- Alternative fuels in cement plants: The PG collects and supplies materials to systems kiln dosing.
- Slag and organic matter in waste plants: The overhead crane cleans residual slag discharge pits from furnaces and feeds residues to said furnaces and plants of treatment.



# INDUSTRIAL SOFTWARE



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TRS.Net

72-73

ICE.Net

74-75

OREMOL

76

CEMLAB

77

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We develop  
**software solutions**  
for **industrial**  
**applications.**

Applications aimed  
at improving the  
**management,**  
**traceability, control,**  
and **visualization**  
of industrial processes.





## TRS.NET INTEGRAL CONTROL OF EXPEDITIONS



Software for the automated control of shipments. entry/exit, loading/unloading in bulk and packed product, applicable to trucks and rail.

It can be completed with an access control system for vehicles and people integrated in the same system.

TRS.Net offers a robust, reliable and flexible solution for your company, through a simple and attractive graphic interface, with the possibility of communicating with a large number of peripherals and protocols.

It allows a bidirectional dialogue of data with your ERP (SAP, AS400, JD Edwards, etc.) and the possibility of choosing a database (SQL, Access, Oracle, XML files, etc.), fully configurable to adapt your installation to the needs of each business area.

### ACCESORIES

#### Standard peripherals used:

- RFID card readers.
- Barcode readers.
- Tag readers.
- PLC and touchscreen.
- Message viewers and macro viewers.
- Ticket printers and DIN-A4.
- Weight equipment.
- IP cameras and OCR license plate identification.
- Card dispensers and collectors.

### GENERAL CHARACTERISTICS

- Idioma configurable en: Español, Catalán, Inglés, Francés, Ruso y Árabe.
- Gran infinidad de listados para poder visualizar, imprimir o exportar a cualquier formato (Excel, Word, Pdf, etc...).
- Sistema de ficheros de datos de fácil interacción con el usuario.
- Comunicación con la periférica vía: Ethernet, RS-232, RS485, etc...
- Suministro de terminales robustos y personalizables para la gestión automática del sistema.
- Software abierto con posibilidad de modificaciones a medida según las necesidades del cliente.

## TRS.NET TERMINAL

- Modular and adaptable terminal to different locations and operational procedures.
- Wide design, narrow design (depending on the components).
- Easy access to components by side doors, without disrupting the traffic.
- Terminal ready for indoor or outdoor installation:
  - Stainless steel (outdoor)
  - Carbon steel (indoor)
- Modular configuration: for trucks and persons.
- Exchangeable front panel, for equipment extension / substitution.
- Customizable design with the company logo.

### TERMINAL WITHOUT BASE, DESIGNED FOR PERSONS ACCESS ON FOOT



### TERMINAL WITH BASE, DESIGNED FOR ACCESS FROM TRUCK'S CABIN





# ICE.NET CONTROL AND AUTOMATION OF ICE LOADS



## ACCESORIES

### Standard peripherals used:

- RFID card readers.
- Barcode readers.
- Tags readers.
- PLC and touchscreen.
- Message viewers and macro viewers.
- Ticket printers and DIN-A4.
- Weight equipment.
- IP cameras and OCR license plate identification.
- Card dispensers and collectors.

System for the automatic dispatch of ice in fish markets.

Simple and intuitive graphic interface with the possibility of communications, a multitude of peripherals to provide the best solution to your needs.

The ICE.Net group manages ice request in self-service mode through one or several dispatch cabinets and in direct communication with its own software installed on a PC.

ICE.Net allows to store the data of each supply, offers a multitude of reports and leaves the information available to the client's ERP.

## GENERAL CHARACTERISTICS

- Language configurable to: Spanish, Catalan, English, French, Russian and Arabic.
- Large number of listings to be able to view, print or export to any format (Excel, Word, Pdf, etc...).
- Data file system with easy user interaction.
- Communication with the peripheral via: Ethernet, RS-232, RS485, etc.
- Custom terminal supply for automatic system management.
- Open software with the possibility of customized modifications according to the client's needs.

The main feature of our technology is the adaptability of our devices to the needs of each market. **ICE.Net** different weighing systems can be configured:

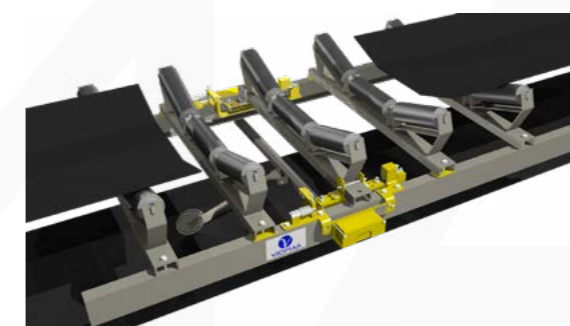
### Belt Weigh Feeders and weighing controller:

The most complete choice when it comes to renewing ice weighing and transport systems. Adaptable scale in different bandwidths, according to the need for weighing.



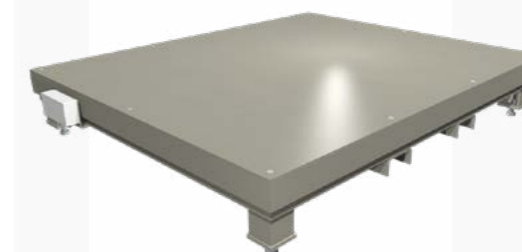
### Belt scale and weighing controller:

Option to incorporate our technology in existing facilities. Our best scale will improve the weighing of the ice supplied.



### Weighing platform for static weighing:

The alternative to performing static weighing of ice in a precise and comfortable way.





## OREMOL ACOUSTIC METER FOR THE CONTROL OF THE LOAD LEVEL IN BALL MILLS



### ACCESORIES

#### Included:

- 25m of special cable for microphone.
- Microphone support with isolator.

#### Optional:

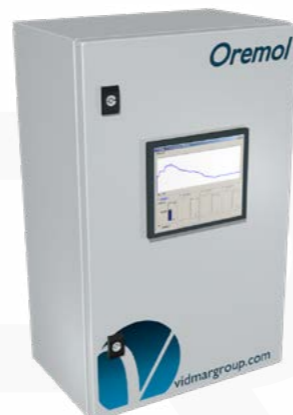
- Telescopic support for microphone height adjustment.
- Galvanic isolations for analogue signals.

### GENERAL CHARACTERISTICS

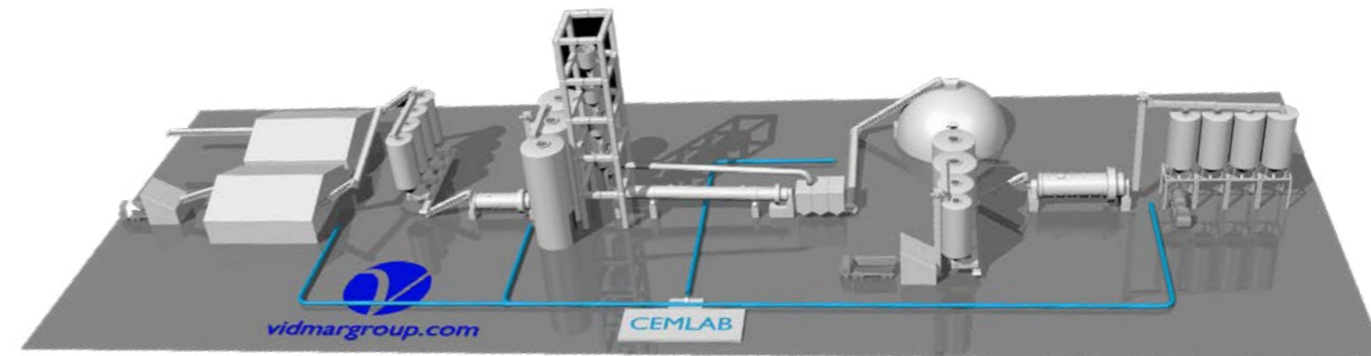
- Compact equipment.
- Control of up to 4 mills.
- Designed for operation in harsh environments.
- Load graphs and frequency treatment of the signal of each mill.
- Simple and intuitive adjustment system. Possibility of selecting the most representative frequency range of the equipment to be controlled (between 0 and 5kHz).
- Crosstalk function between the four audio inputs.
- Possibility to remotely access the computer using remote control software.
- Programmable analogue output levels, with simulation for signal testing.
- Software-configurable filters for audio acquisition and analogue output.
- Possibility of varying the calibration parameters, without the need to carry out a milling process again.

The use of the electronic ear **OREMOL-5** allows you to obtain information in real time regarding the loading level of a ball mill.

This allows you to make instantaneous decisions and the necessary corrections for the final performance improvement, both in terms of quantity and quality of the production, as in energy consumption per Tm produced and in maintenance costs.



## CEMLAB MANAGEMENT OF LABORATORY'S SAMPLES



Management software of laboratory samples and dosing process regulation for raw and cement mills.

The basic equipment consist of **Cemlab** software, which is installed on a server that communicates with each of the analysers to collect the results of the samples obtained through the samplers taken in different areas of the cement factory.

The system can be complemented by a sample automation system that manages the collection of the samples in a fully automatic and coordinated manner, in accordance with the production of mills and kilns.

### GENERAL CHARACTERISTICS

- Taking field samples.
- Samples transport to the laboratory control.
- Laboratory robot control.
- Preparation of samples for analysers.
- Collection and management of analysis results.
- Dosage regulation automatically from the results of analysis.
- Report elaboration and return to the plant's administrative network.

### ACCESORIES

- Transport tapes to the analysers.
- Sample handling robot.
- Sample preparation equipment.
- Automatic sample-takers.

# ENGINEERING AND TURN-KEY PROJECTS



We develop  
**fully**  
**customized**  
**and turn-key**  
**solutions.**

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Engineering and projects

80

Turn-key execution of  
**industrial plants**

80

Study and development of  
**taylor-made solutions**

80







## ENGINEERING AND PROJECTS

At Vidmar we firmly believe in the corporate effort for the development of a project. We are a company with a culture of service, oriented to meeting clear objectives for the satisfaction of each client's needs. Therefore, for each project we commit to:

- Find an optimal technical/financial solution.
- Define a timeline for the development of the different phases of the project.
- Meet all the quality standards required.

We have highly qualified technical team in all of our areas, that allow us to design, manufacture and install under safe and effective procedures that guarantee compliance with the rules, regulations, directives and technical instructions that concern us.

## TURN-KEY EXECUTION OF INDUSTRIAL PLANTS

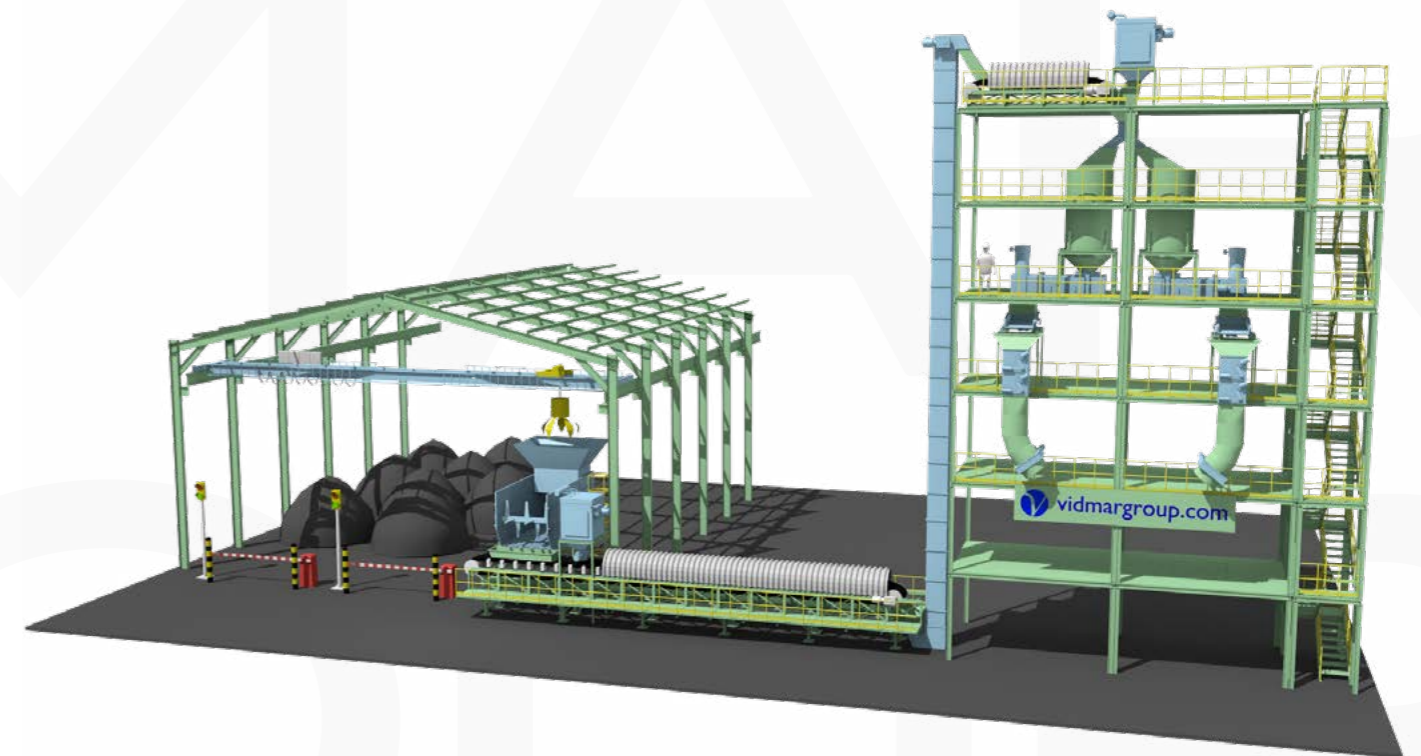
To meet the need of customers and avoid coordination and monitoring difficulties among multiple suppliers that lead to delays and misunderstandings in the execution of projects, we cover the entire project, from engineering to final delivery; including mechanical installation, electrical requirements, control, etc.

## STUDY AND DEVELOPMENT OF TAYLOR-MADE SOLUTIONS

We study and develop solutions tailored to the particular needs of each client; either for new equipment or adaptations of existing equipment.

Specific developments are made for applications, such as:

- Batch dosing
- Mixing houses
- Bridge crane automation
- Additive plants (mini and macro)
- Alternative fuel facilities
- Cement laboratory reforms
- Complete installations
- Waste treatment
- Ferrous sulphate



# ECOFUELS: ALTERNATIVE FUELS



**New Vidmar  
release**

*Study and design  
for **storage,**  
**dosing and**  
**conveying**  
**plants of solid AF**  
**(alternative fuels)**  
for decarbonization.*





## ECOFUELS DIVISION

**Taking advantage of the processing of various wastes and various materials to recover their energy value is one of the greatest environmental commitments that are taking place.**

For this, are necessary plants in which we have **storage systems**, dosing and classification, conveying and elevation systems to the kiln.

At **Vidmar**, our commitment is to implement initiatives that help minimize any environmental impact and for this we work on the **development and supply of solutions and systems** for the different cement plants that efficiently store, dose and convey any type of **Alternative Fuel to kilns of Clinker manufacturing**.

For this reason, our **ECO Fuels Division**, is one of the most important activities of Vidmar.

The first facilities of Alternative Fuels date back to the years prior to 2000, in which **the main Spanish cement companies trusted Vidmar** to reduce CO2 emissions into the atmosphere.

Since then, Vidmar is present in practically all South American countries, Central and North America (where we have an engineering, manufacturing and after-sales center in Mexico), North Africa and Central Africa, as well as in several European countries.

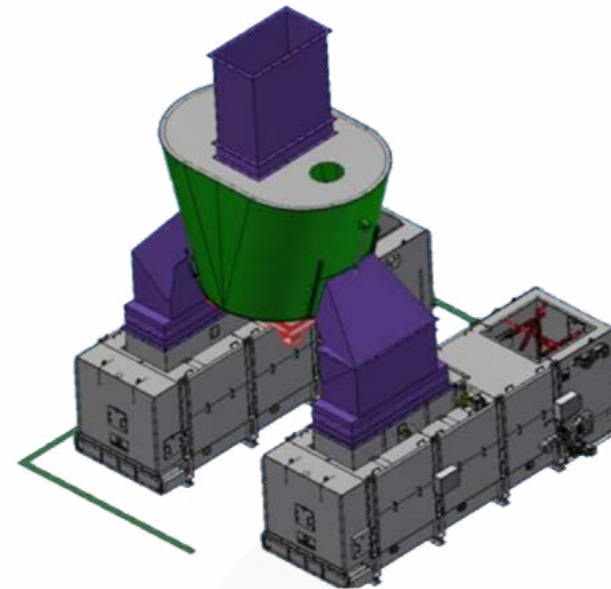
Therefore, the **extensive experience**, based on the installations carried out for the largest cement companies and cement groups, **makes this Division one of the most powerful of Vidmar**.

We contemplate all phases of each project, draft plans, engineering, manufacturing, automated, assembly and commissioning, service after sales and spare parts...



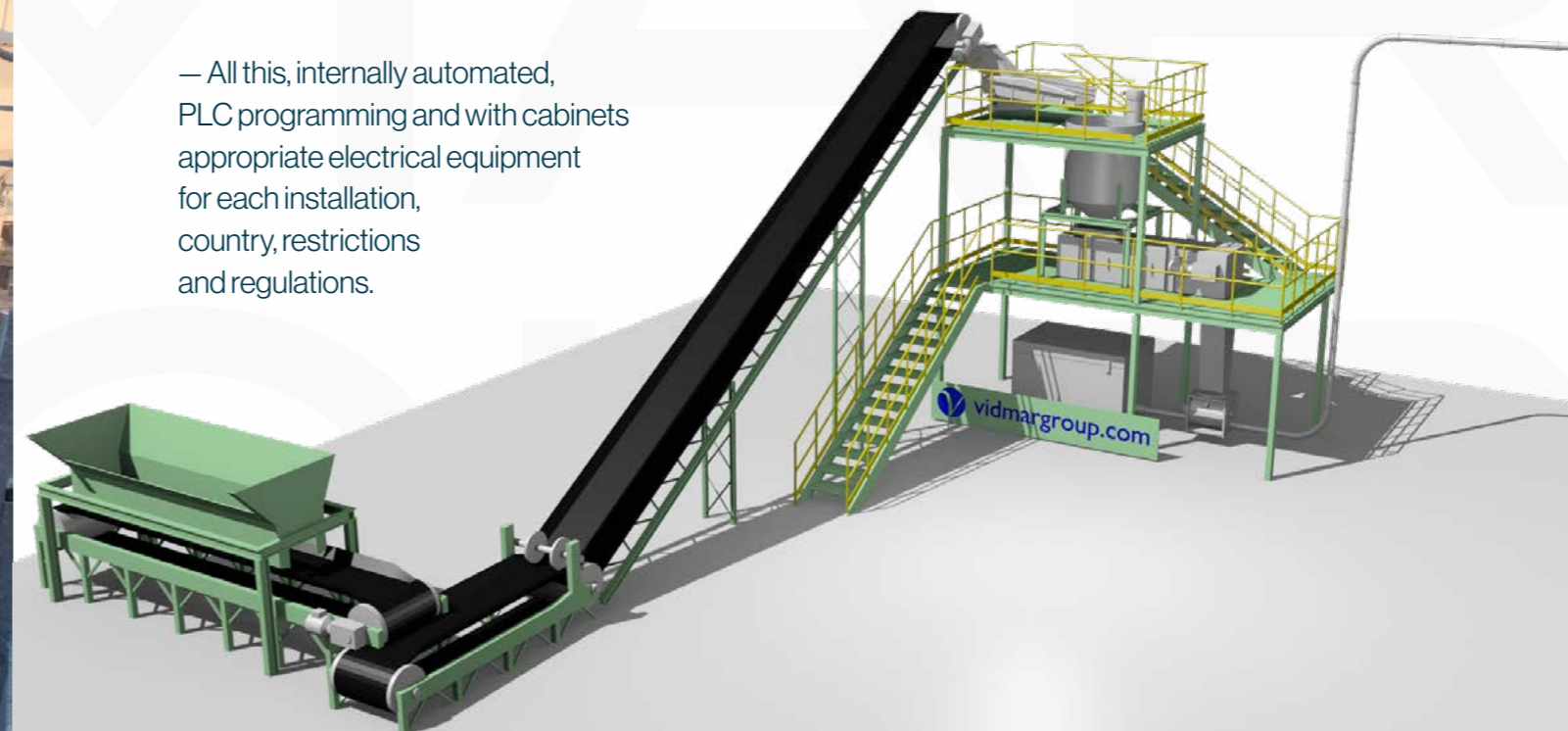
We have each and every one of the equipment and services required by Alternative Fuel plants:

- Reception of material from truck to our Mobile Floors, Docking station or directly to the reinforced Apron Feeders, or with our own control and programming overhead cranes that move, aerate and initiate the flow of material to the towers.
- Stock, distribution, weighing and dosing with our dosing scales developed and improved with the acquired experience for this type of plant.
- Transport and elevation, based on our conventional belt conveyors, aero-sustained, drag chain, quadruple augers and our activated hopper that allows, through its actuated gates, close the material.



- And finally, we have all the necessary components and accessories for the a safe plant, such as high-temperature gates and conventional gates, double flap valves, relief valves, integral pneumatic conveying systems, ...

- All this, internally automated, PLC programming and with cabinets appropriate electrical equipment for each installation, country, restrictions and regulations.



# GLASS DIVISION



**New Vidmar  
Release**

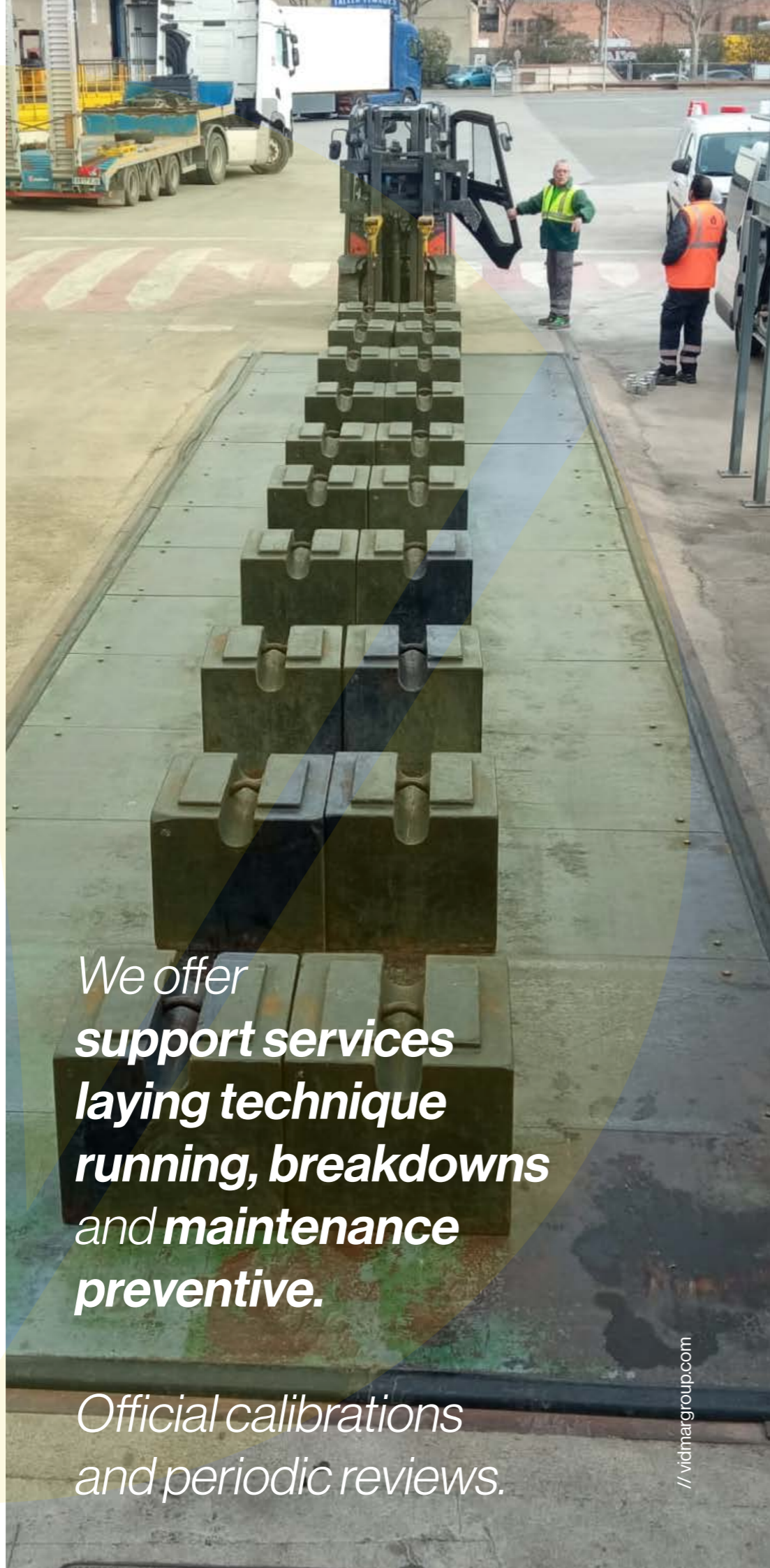
**- Soon -**

*Facilities of  
**houses of  
mixes with  
process control  
and dosage.***

*We supply  
**exclusive products**  
for the glass sector  
such as **dispensers  
and hoppers** for  
handling special  
**products.***



# SERVICES



We offer  
**support services**  
**laying technique**  
**running, breakdowns**  
**and maintenance**  
**preventive.**

*Official calibrations  
and periodic reviews.*

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**Services**

**84**

**Values**

**85**

**Vidmar**  
in the world

**86-87**





## SERVICES



ADJUSTMENTS



FINE TUNNING



MAINTENANCE



POST-SELF SERVICE



REPAIRS AND TECHNICAL INTERVENTIONS



TECHNICAL ADVICE



TRAINING COURSES



SCALE CALIBRATIONS

Thanks to our **years of experience**, Vidmar can proudly affirm that **we work to go beyond the expectations** and **offer our customers the best service**, variety, value and quality of all products and services.

## VISION

**We export more than 70% of our products to up to 30 countries** in Europe, Latin America, Asia, Middle East, Africa and the United States.

A proof of our constant growth and solidity, is the increase in human capital, not only overcoming the previous and current moments of crisis and economic uncertainty, but building synergies too.

**We can boast to have a proudly versatile team and strong team**, raising the name of a company **capable to grow and adapt the products and services** to the new market requirements.

**Vidmar** in this way is the result of an **efficient and qualified commercial and technical team**, and the proof of the spirit of those who have guided the company with **passion and professionalism**.

## VALUES



RESPONSIBILITY



ENVIRONMENTAL PROTECTION



INTEGRITY



LEGALITY



EFFICIENT USE OF RESOURCES



CONFIDENTIALITY

## MISSION

**We work everyday to be the best supplier in weighing systems and industrial automation in the worldwide.**

To achieve this, **we have established a culture** that **supports the members of our team** so that can **provide exceptional service to customers** and **develop high quality products** working side by side with them.

As a result of this, **we offer the best quality of all our products and services.**



**VIDMAR  
MEXICO**

**VIDMAR  
COLOMBIA**

**VIDMAR  
SPAIN**  
- headquarters -





# VIDMAR

*weighing your process*



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