



Volumetric Dispensers for talcum and any other powdery product.

DISPENSER DP-5/40 INOX

Catalogue.
Main Technical Specifications
and Equipment

DOSIFICADORES[®]
garcía fernández





The DP 5/40 dispenser is the standard type parent of an entire family of small dispensers that come as standard or can be tailored.

Although in principle it was designed as a machine by pulse dosage, on request and due to the many possible applications, this machine can be manufactured with continuous and packaging dosages.

Wide range of dosages for a multitude of different additives and agents in all kinds of industries and manufacturing processes.

A portable machine, easy to move around with its wheels and its low weight. Very reasonably priced.

Dosage directly to the recipient machine with adjustable height thanks to its telescopic post.

The machine requires no installation by our technical service.

The customer receives it packaged in a s for assembly. It can quickly be started up and put into operation in any factory.

DP 5/40

MAIN TECHNICAL SPECIFICATIONS

Pulse dosage system

Main supply line: 220 V. (I) 50 / 60 Hz

Nominal power: 0,18 Kw (0,24 C.V.)

Nominal Amperes: 0,16 A.

Total weight in Kg of the machine when empty: 39

Hopper capacity in litres: 37

Accuracy: 95 ± 5 %

Ratio: Above 60/1

MAIN STANDARD EQUIPMENT

Mechanical Safety Elements

Hopper lid protects against entry of foreign objects

Hopper grille protects against entry of unwanted elements

Electronically controlled self-cleaning system

Electric Safety Elements

Electric components protected with grounded

Protection against short circuiting on all lines

Engine overload protection

Low voltage operation and marking: 24 V.

Activation Elements

Stop-enclavamiento-marcha (stop-locking-run) selector

Regulation and Signalling Elements

Dosage of product (Programming of 0.1 by 0.1 Kg/h)

Product density (Programming of 0.01 by 0.01 Kg/l)

Signalling electronic circuit testing

Signalling engine running

Signalling overload engine

Support Structure Elements

Hopper with grille

Telescopic post, height adjustable from 1,230-1,830 mm.

High stability support bracket with wheels and brakes

Lockable electric switchboard

Conveyor tube in special technical plastic for foodstuffs, 90 cm long (other lengths optional)

Materials and Finishes

Stainless steel. High resistance to any corrosive product in all parts and components of the machine. Other components made of technical plastic and special aluminium

Certification, Standards and Guarantee

Each machine is accompanied by European Certificate (E.C.) manufacturer's approval certificate where directives in industrial application guidelines for application and harmonized regulation for compliance. All of the elements are guaranteed, of the highest quality, and meet all the legal requirements in force

MAIN OPTIONAL EQUIPMENT

Wide range of possibilities: Dosage in Kg/h, gr/h, Kg/pulse or gr/pulse in pulse mode, continuous (Ratio: 10/1) or packing mode

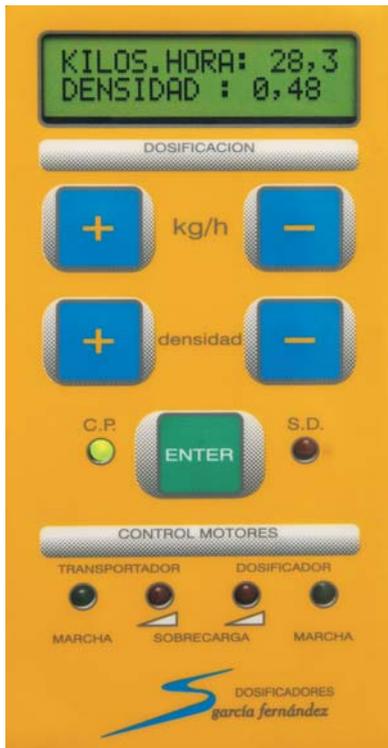
Conveyor tube in lengths to be studied according to product

Conveyor tube with bigger diameter for handling certain products

Sensor and alarm indicating empty hopper and/or minimum product level

DP DISPENSERS FAMILY: SMALL MACHINES, WITH BIG POSSIBILITIES

Manufacturer's Certificate of Conformity in compliance with the directives and harmonized standards that apply.



Two possible types of programming keyboards, depending of apply specifications.

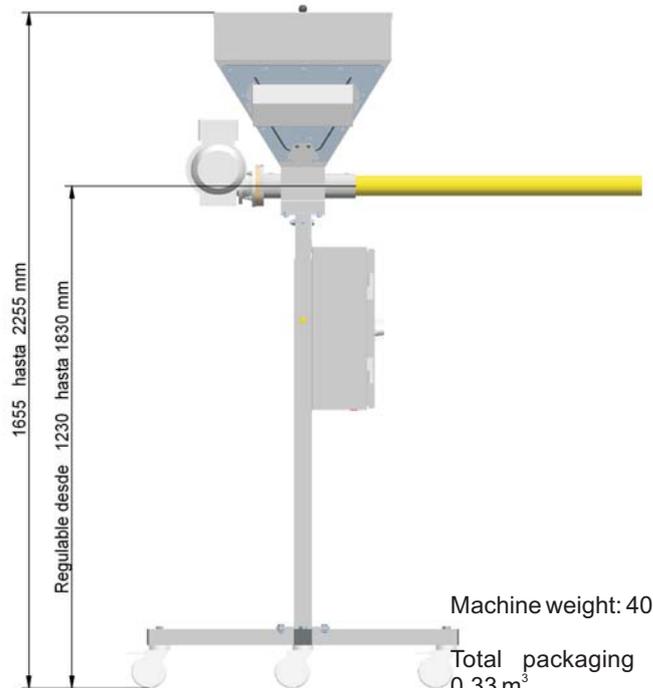
Keyboard type 1

Manufactured with own technology and DGF micro process.



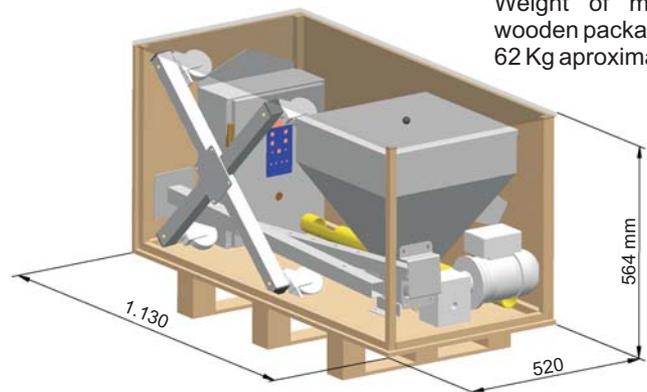
Keyboard Type 2

With electronic variable speed.



Machine weight: 40 Kg

Total packaging volume: 0.33 m³



Weight of machine plus wooden packaging: 62 Kg approximately

TABLE OF DENSITIES AND PRODUCTION LEVELS OF DP 5/40 STANDARD MACHINE (Densities and production levels most frequently used)

(This table is a summary. There are 176 possible adjustments because the density can be adjusted by 0.01 in 0.01)

Production between 1 and 61 Kg/hr. Minimum range 0.1 Kg

Density corrector between 0.25 and 2 Kg/l. Minimum range 0.01 Kg/l. E.g.: 0.25-0.26-0.27....1.98-1.99-2 Kg/l

Density (Kg/litre)	Minimum Production (Kg/hour)	Maximum production (Kg/hour)
0,40	1,6	28
0,45	1,8	31,2
0,50	2	35
0,55	2,2	38,5
0,60	2,4	42
0,65	2,6	45,5
0,70	2,8	49
0,75	3	52,5

Maximum production 61 Kg/h from density of 0.90 Kg/l
Optionally, with other designs (non- standard), different production levels are obtained

EACH INSTALLATION: PERFECT FOR ITS APPLICATION



The dispensers of the DP family with their small size, adapt to many applications in the pharmaceutical industry, in laboratories of analysis and control, sectors of paint manufacturing, chemical products, ceramic derivatives, a multitude of tinned food and other food industries, paper factories, etc.

Dispenser set up by the customer upon table with wheels in laboratory. Built in stainless steel.

Carrying out dosage for packing of different chemical products simply by programming the density of each one their production in this specific case in gr/dose.

A close-up of the dispenser's digital display screen. The screen shows two lines of text: "gr/DOSIS: 284" and "DENSIDAD : 0,43".

gr/DOSIS: 284
DENSIDAD : 0,43



The small size of this DP dispenser means that there is no problem with its set up in very small production plants, even in sheds with very little space. However, the work that it does is industrial and accurate.

Dispenser set up in intermediate shed, next to a wastewater and sludge treatment basin. This is an auxiliary installations, several kilometres away from the main plant. This feature saves costs and eases to a great extent the human effort involved.

At your Service

DOSIFICADORES *garcía fernández*® , as manufacturer of machinery and a broad range of dispensers has the means necessary to provide its customers and their machinery the service and care they deserve.

Our facilities are equipped with the technology, machinery and tools necessary so that, along with our qualified personnel, we can provide the appropriate services to satisfy your every need.

Start Up

Depending on the model acquired, the start up is carried out by the customer with the simplest models or by our technical service. When the installation is carried out at the customer`s installations, it is carried out by a specialized technician. Likewise the factory personnel are provided with concise explanations, both of operation and maintenance of the machine.

The complete start up consists of choosing the best placement for the device, mounting the conveyor tube correctly and connecting the machine to the supply line which the customer must provide. This takes approximately half a work day.

Specialised and Customised Technical Attention.

We answer all your queries. Your trainer will be one of our team of engineers.

- Enquiries about correct location of the doser and place of addition to optimize the use of the product to be dosed.
- Enquiries about maintenance and breakdowns.
- Any technical enquiry.

Export Department

We are available for you at all times to facilitate any procedural difficulties. We shorten distances with our quality personal care.

Delivery of Spare Parts

All original spare parts are in stock whenever you need them. Service of delivery in the same day that you make your order. We search for the best way and service to carry out deliveries effectively, quickly and at the best price.

Fast, Quality Repairs at the Customer Installations

Our Technical Service is run by professional trained by our company. Original spare parts and suitable tools are always used so that we can guarantee all repairs. Express Service within 24 hours except special cases.

Complete Guarantee

We will be responsible for any possible breakdown or defect which originates in manufacture.

Iberian Peninsula: Covers for a period of 12 months: parts, labour and travel expenses of technical services. In special custom-designed machinery, the particular guarantee period will be indicated, depending on the operating conditions of the machine.

All other countries: Covers parts plus all necessary technical advice.

This is the only one of our services which is rarely used by our customers. This is because quality is important at DOSIFICADORES *garcía fernández*® and because we hope improve our work every day for you.

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F.I.: October 2007.

