



GERVASI SPA

AUTOMATIC FIBER DISPENSER SYSTEMS



GERVASI SPA

The company



Headquarter and Production Plant

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About Us

Gervasi Spa manufactures systems for dispensing and dosing bulk or bagged fibres together with other types of reinforcing or additive materials.

Gervasi Italia Spa is a leading company in Industrial Automation. We are particularly specialized in the Construction/Concrete Industry.

Our Concrete Block and paver machines, mixing system, cubers and handling systems can quickly and efficiently produce a wide range of concrete products.

Manufactured to the highest standards, our machines and systems have positioned us as a global market player.

Over the years, in addition, our research in the steel, mining and energy sectors has led the company to engineer and manufacture innovative systems.

These turnkey recycling special applications include for example fly ash or other metals treatment, pelletizing and briquetting.

The company was founded in 1992 by Eng. Moreno Gervasi.

During these 30 years it has revolutionized the world of automation.

Due to these outstanding results it has grown to become synonymous of quality and reliable machines, excellent service, eco-sustainable research and development.

Nowadays, Gervasi has branches and production sites in Italy, Argentina, Australia, Belgium, Brazil, China and South Africa to serve our worldwide clients.

We are continuously improving our technologies thanks to the endless and fruitful cooperation with our customers.





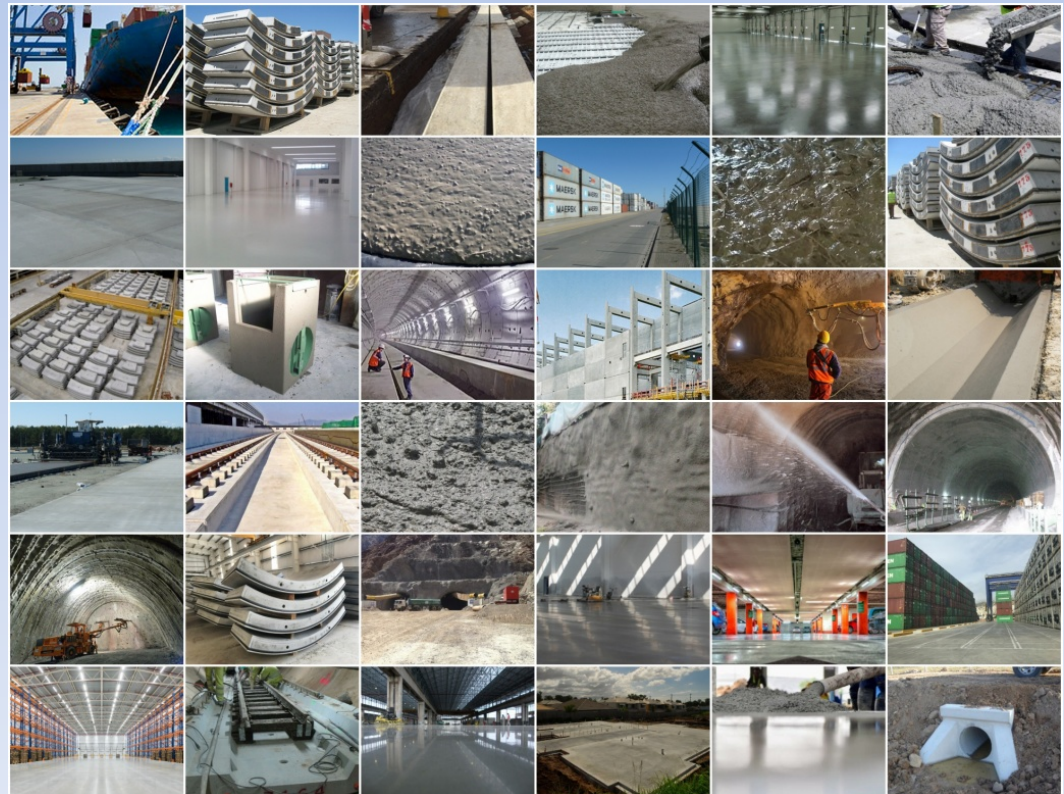
Dosing Fibre: Applications Fields

Gervasi Spa Fibre Dispensers and Dosing Systems are used in the following industries:

- ☐ Industrial and Civil Flooring
- ☐ Lining in Mines and Tunnels
- ☐ Ultra High Performance Concrete (UHPC)
- ☐ Infrastructure (roads, tracks, bridges)
- ☐ Precast Elements
- ☐ Ready-mix Concrete
- ☐ Agricultural buildings
- ☐ Civil Engineering

Special applications:

- ✓ Thermal insulation
- ✓ Soundproofing
- ✓ Waterproofing
- ✓ Coating
- ✓ Finishing
- ✓ Decoration



STATIONARY SYSTEMS LOADING MACHINES

❑ **PREFEEDER : Loading Fibres from BigBag**

Storage and feeding system to stock from 1 up to 6 BigBags or Supersacks and feeding them to the dosing machine via Special Inclined Belt conveyor.

Big stockage quantities/ Great Productivity

❑ **PREFEEDER : Loading Fibres from Vibrating Hopper**

Vibrating hopper machine that may hold a volume of fibres bigger or similar to the connected dosing machine.

It allows an uninterrupted and constant feeding so avoiding excessive accumulations in the hopper. It is particularly suitable for very light microfibres or special design synthetic/metallic macrofibres.

AUTOMATIC DISPENSER AND DOSING MACHINES



*Stop inaccurate and risky
manual feeding !*



*Gervasi Spa
Automatic Series FD
Storing/Untangling/Dosing and Feeding
the Fibres!*



Imagine feeding automatically bulk fibers into your batch!!

Do you have a **need for synthetic or metal fibers in your mix?**

Using bagged fibers and want to change, or just not sure how to do it?

We have the solution:

- Gervasi fiber dispensers can weigh fiber into your mix and can be added as an extra scale in your batching controller.
- Enter the quantity of fiber as a weight per cu. m. or print it in your batch formula.
- The fibers will be added to your aggregate belt as the aggregates discharge from the scale.
- Eliminate the manual labor of throwing fiber bags into the mix.
- Benefit from the lower cost of bulk fiber.
- Record fiber additions in your batch reports.





Stationary System Series FD

Our most popular machine is the FD model in its various versions (FD-Flex/FD-M/FD-S).

It uses the proven feeding system by means of the vibrating hopper.

The vibration unties any ball of fibre allowing them to move in an orderly manner along the vibrating spiral that goes up to the drain.

During this journey the excess of material falls to the bottom of the hopper.

The result is a continuous feeding and a loss in weight when the material falls on the aggregate belt or any other discharge system.

The machine can also be connected to the batching control panel or any other control system as an external signal.

There, the system can deliver a quantity of fibres in the exact percentage compared to the weight of the mixture and then print the production report.





Technical Data Sheet - Series FD

MODELS	TOTAL CAPACITY VOLUME	ESTIMATED CAPACITY VOLUME	DOSAGE KG/MIN	DOSAGE KG/MIN	WEIGHING CELLS	VIBRATORS	WEIGHT KGS (EMPTY)
FIBRES/MODEL			METAL FIBRES	SYNTHETIC FIBRES			
DF600	100	80	1-10	1-3	4	2X0,55 KW	150
DF800	235	180	5-20	2-6	4	2X0,55 KW	300
DF1000	470	380	20-80	3-10	4	2X0,75 KW	600
DF1200	790	650	20-100	3-12	4	2X0,90 KW	700
DF1500	1400	1.150	40-120	5-15	4	2X1,5 KW	900
DF1800	2.200	1.800	40-150	5-18	4	2X2,0 KW	1250
DF2000	3.000	2.500	40-200	5-25	4	2X2,2 KW	1550
DF2000MX	3.000	2.500	40-200	---	4	2X3,8 KW	1700



STATIONARY SYSTEMS DOSING MACHINES

- ❑ **Model FD -Flex** : Based upon Vibrating Hopper System.
Untangling, weighing and dosing the fibres.
Both for Metal and Synthetic Fibres
- ❑ **Model FD-M** : Based upon Vibrating Hopper System.
Untangling, weighing and dosing the fibres.
Specific for Steel Fibres
- ❑ **Model FD-S** : Based upon Vibrating Hopper System.
Untangling, weighing and dosing the fibres.
Specific for Synthetic Fibres
- ❑ **Model FD-VM** : Based upon Vibrating Hopper System.
Untangling, weighing and dosing the fibres.
This Machine has been engineered to be mounted upon
Concrete Volumetric Mixers
Both for Synthetic and Metal Fibres with Max Ratio L/D:40





STATIONARY SYSTEMS DISCHARGING FIBRES

☐ **FIBRE DISCHARGE BY MEANS OF CONVEYOR BELT**

The correct configuration is chosen according to the plant and the material used.

☐ **FIBRE DISCHARGE BY MEANS OF VACUUM SYSTEM**

The correct configuration is chosen according to the plant and the material used.



The best technology at your disposal

For further information, test upon your fibres
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