



CAPSUJET
capsule conveying

Capsule Conveying Systems



The Most **Reliable**
System For **Safe**
Capsule **Transfer**

hanningfield





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For Exciting Discoveries You Need Courage To Explore New Territories



The Capsujet, originally developed and patented by Hanningfield Process Systems in 1995, remains the best and most comprehensive solution for hard shell capsule conveying applications.



Why Choose Capsujet?

A proven system used for the transfer of hard-shell capsules. Designed and built to overcome the problems associated with conventional equipment used for automatic loading of capsule filling machines. A gentle, low velocity air stream is generated by a fan or blower to convey capsules without damage. Suitable for use with both empty and filled capsules.

Features	Benefits
Excellent current GMP/Polished stainless steel	For sanitary processing environments
Gentle conveying	Capsules transferred without damage
100% of capsules transferred every time	No Waste
Level sensor easily fitted to filling machine to control flow of capsules	Overfill protection
	Improves sanitary environments
Can be loaded away from filling machine avoiding fibre shedding materials in clean area	Allows installation in any room
	Can convey all capsule sizes using one machine
Transfer tubing supplied to suit installation	Safe operation
No change parts between capsule sizes	Low operating costs
Very quiet operation	Low power consumption
Maintenance free	No ladders/catwalks for increased safety
Requires only single phase electrical supply	No need to repeatedly load the capsule filler hopper
Low filling height	
Large receiving hopper on C20 (Empty Capsule Conveyor)	For use with all hard shell capsule types and sizes
Versatile design	Keeps pace with high speed capsule filling machines
High transfer rate	

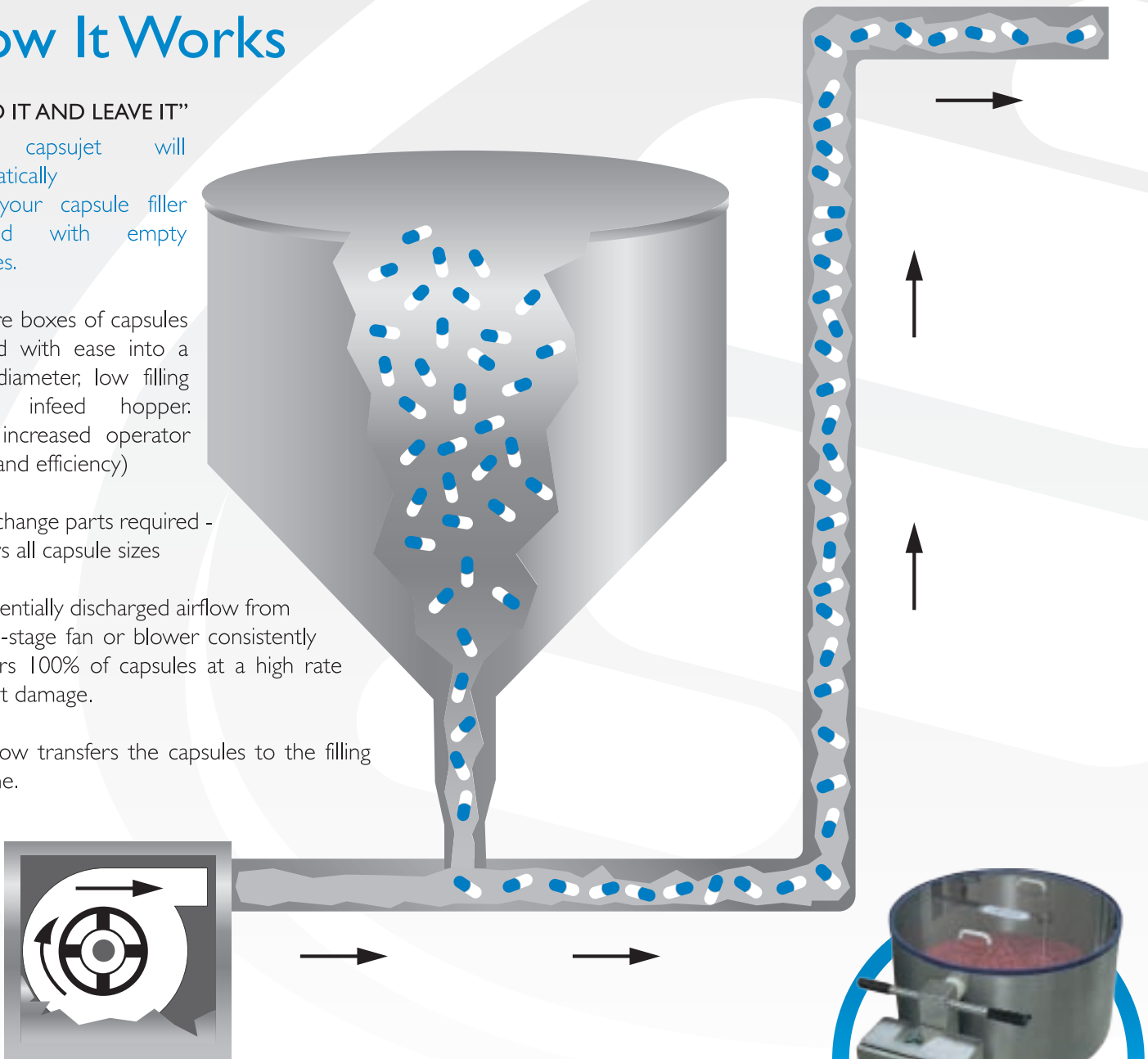


How It Works

“LOAD IT AND LEAVE IT”

The capsujet will automatically keep your capsule filler supplied with empty capsules.

1. Entire boxes of capsules are fed with ease into a large diameter, low filling height, infeed hopper. (gives increased operator safety and efficiency)
2. No change parts required - conveys all capsule sizes
3. Tangentially discharged airflow from a multi-stage fan or blower consistently transfers 100% of capsules at a high rate without damage.
4. Airflow transfers the capsules to the filling machine.



Design Options

All our systems are designed with our clients needs in mind. We can cater for any of your requirements. All our products come with full documentation (IQOQ, Mill Certificates).

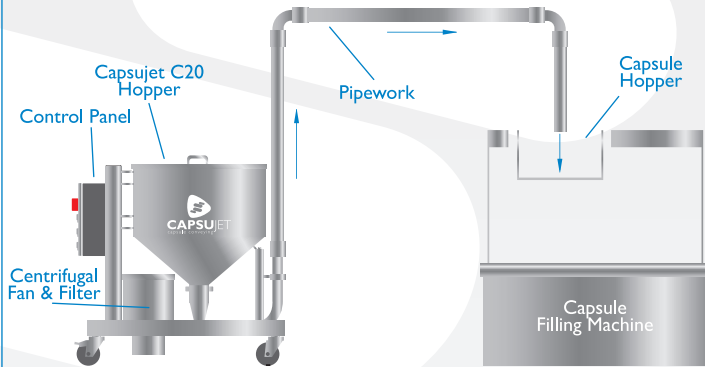
- HEPA filtration
- Customized Hoppers
- Easy connect elbows
- Passivated contact surfaces
- Rigid or anti-static conveying lines
- Ceiling mounting brackets for conveying lines



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Technical Specifications

Transporting Empty Capsules To The Filling Machine

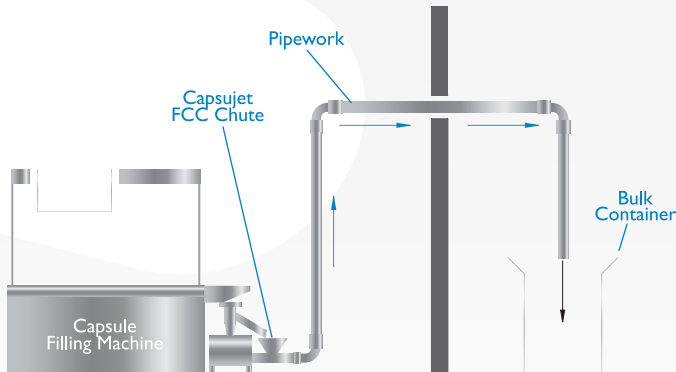


Empty capsules are fed into the C20 Hopper from shipping cartons.

Capsules are blown through a 2" conveying pipeline to the capsule hopper on the capsule filling machine.

Level sensor mounted on capsule filling machine controls on/off flow of capsules.

Transporting Filled Capsules After The Filling Machine



Filled capsules drop into the FCC Chute from the capsule filling machine.

Filled capsules are conveyed away immediately on a cushion of air through anti-static pipe work to packaging.

Technical Data

*Based on tests with size '3' Posilok Capsules, and sizes #5-0 Capsugel Capsules

Model	C20 (Empty Capsules)	FCC (Filled Capsules)
Transfer Rate (Capsules Per Hour)	*300,000	*200,000
Maximum Conveying Distance	Horizontal > 10m (33')	Horizontal > 5m (16.5')
	Vertical > 5m (16.5')	Vertical > 2.5m (8.25')
Standard Hopper Size	200L (100,000 Size "0" Capsules)	No Hopper
Dimensions	1100mm x 800mm x 1105mm	1000mm x 150mm x 316mm



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