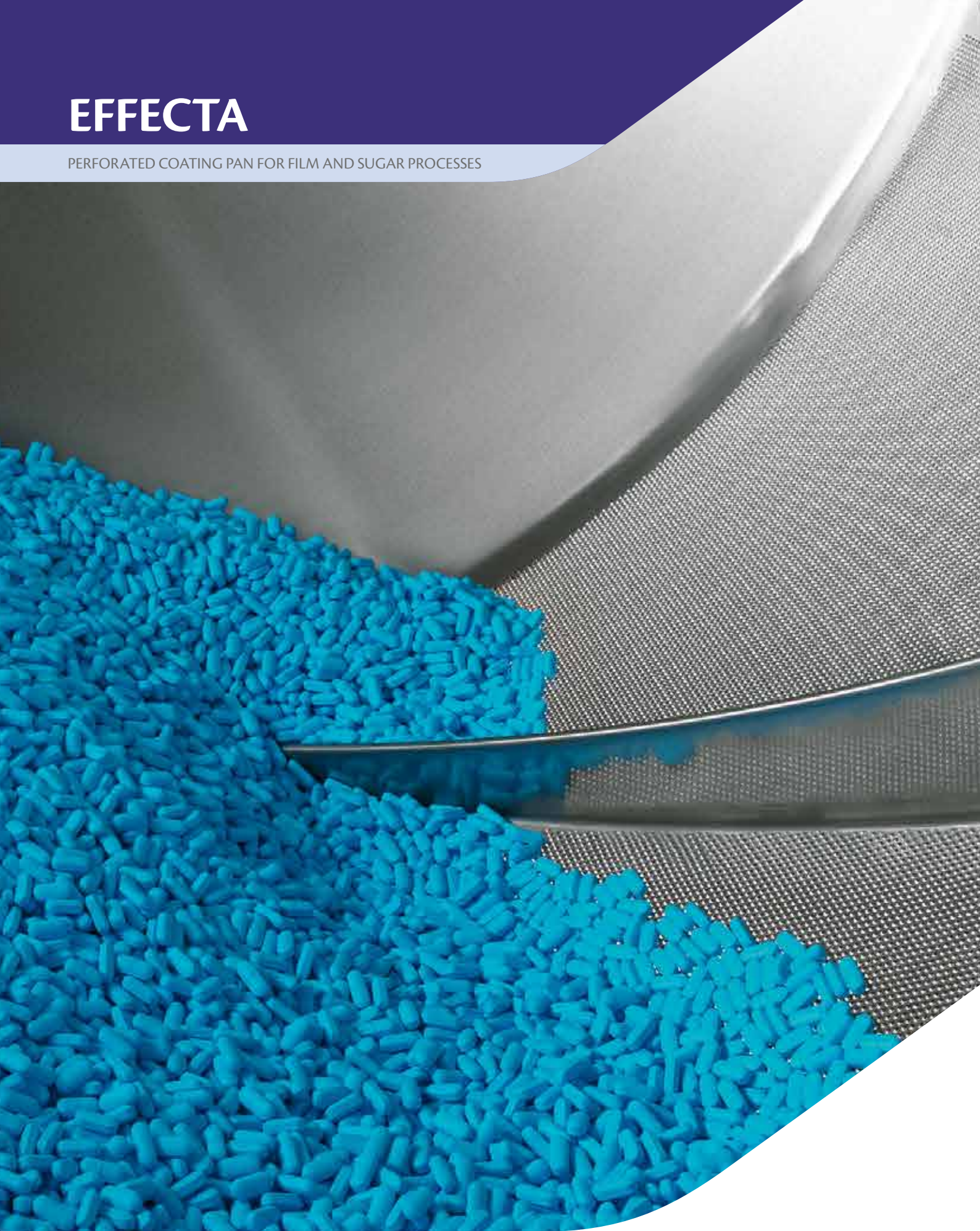


EFFECTA

PERFORATED COATING PAN FOR FILM AND SUGAR PROCESSES

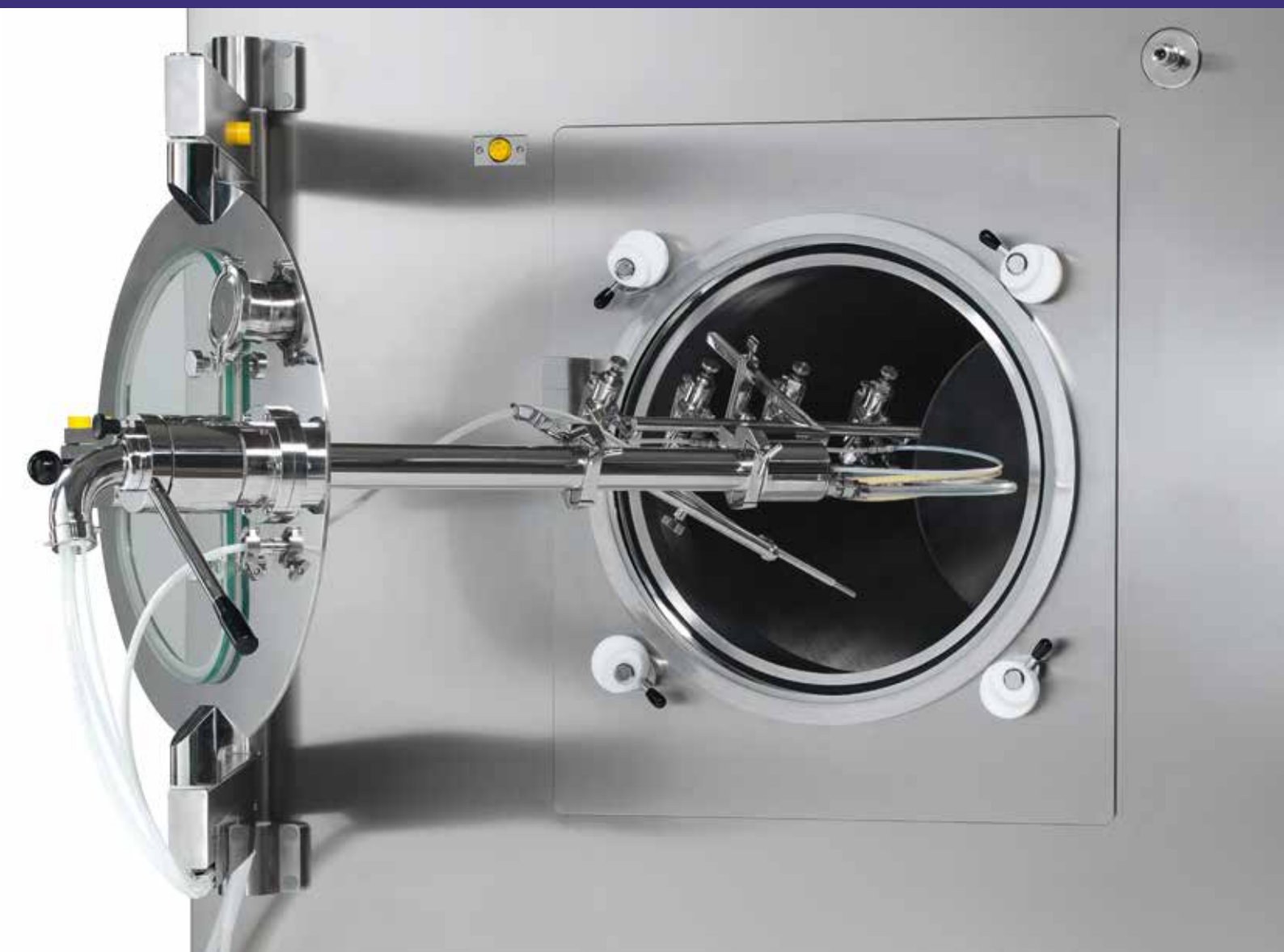


EFFECTA

EFFECTA is the straightforward solution to maximise in the coating processes. The machine achieves excellent results, ensuring hassle-free productivity.

EFFECTA perforated coating pan for tablet film and sugar coating has been designed to meet the requirements of the pharmaceutical and nutraceutical industry, with particular reference to the production of generics and OTC. High-grade components include a functionally-shaped perforated drum and specially conceived baffles for effective mixing of the cores and uniform distribution of the sprayed coating dispersion.





Spray gun support arm

MACHINE DESIGN

- Strategically positioned and dimensioned outlet air duct for optimal core drying and energy saving.
- Specially designed baffles positioned in the central sector of the drum to ensure excellent mixing and uniform distribution of the sprayed coating dispersion.
- Dosing unit housed in the machine frame to save space within the production area.
- Easy inspection through the hinged side doors.
- Through-the-wall machine installation possible.
- HMI for enhanced usability: the synoptic plays a strategic role in improving operator efficiency.

EFFECTA



Peristaltic pump for film coating





Film coating spray guns

SPRAY SYSTEM

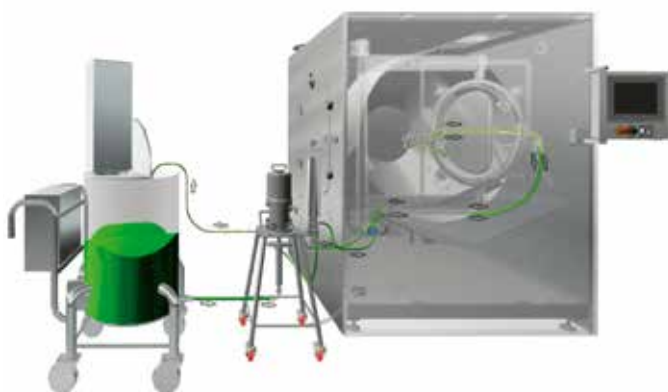
The coating dispersion is conveyed from a dosing pump to the spray guns positioned over the product and fixed on the appropriate support arm; fine atomisation spray is delivered to achieve proper finishing of the cores.

EFFECTA can be supplied with switchable spray guns for either a film or sugar process. The dosing unit is complete with a peristaltic pump and a volumetric dosing system depending on the coating process, and is completely housed in the machine frame to save space within the production area.



Sugar coating spray gun

Sugar dosing system



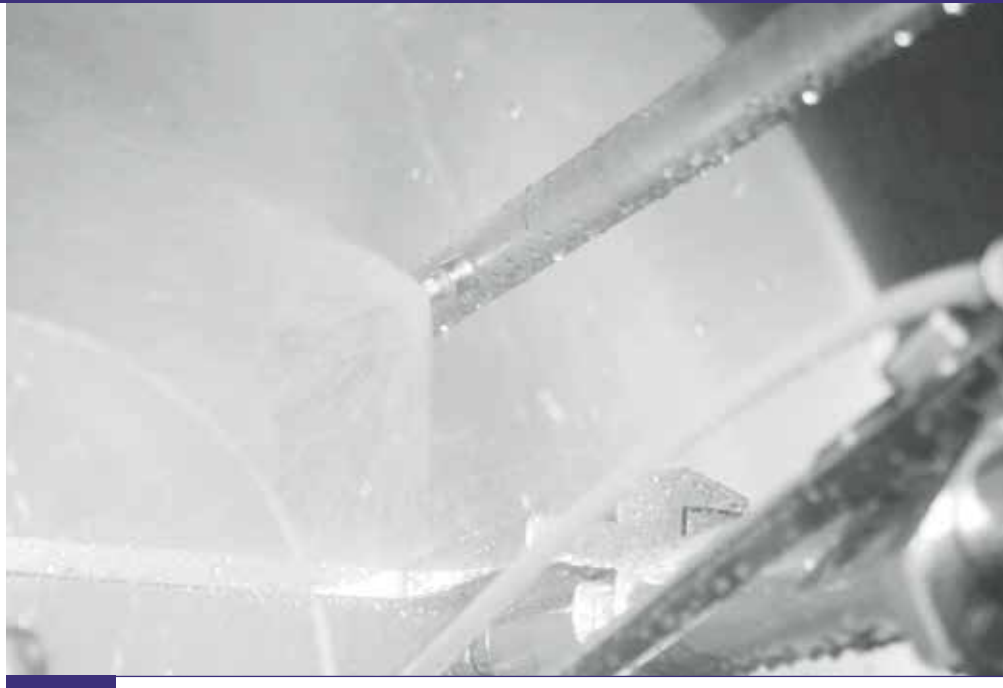
Film dosing system



EFFECTA

WASHING

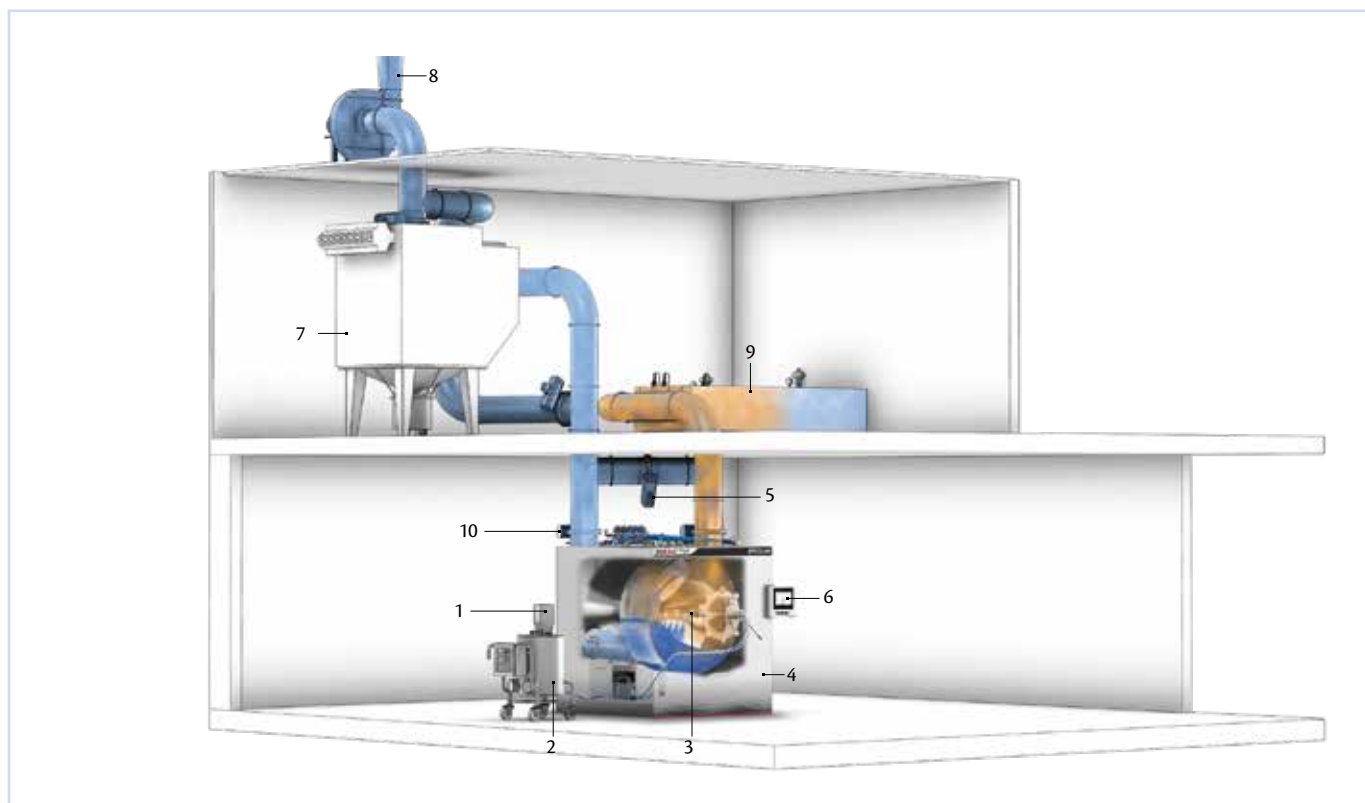
EFFECTA can be equipped with an automatic washing system: the cleaning sequence is optimised as it is divided into different steps to minimise water consumption and washing time. Water discharge is carried out by means of a valve placed on the bottom part of the pan and, as a final step, a drying phase is performed using filtered process air.



OPERATOR INTERFACE AND EQUIPMENT MANAGEMENT

EFFECTA is fitted with MAX the latest generation of IMA HMI, created paying maximum attention to User Experience. Based on Visual Design to enhance User Interaction, MAX ensures prompt responsiveness, enhanced predictability and easy learning. MAX HMI is based on iFix SCADA, IoT ready.

TECHNICAL DATA



- | | | | | |
|---------------------------------------|-------------------------------|------------------|-------------------|----------------------------|
| 1) Suspension storage tank with mixer | 3) Spray guns and support arm | 5) Coater bypass | 7) Dust collector | 9) Inlet air handling unit |
| 2) Dosing pump | 4) Perforated drum | 6) HMI | 8) Exhaust fan | 10) Dust collector bypass |



	EFFECTA					
Model	70	200 (120)	200	500 (360)	500	750
Minimum/maximum capacity (l)	18-70	30-120	60-250	90-360	140-550	180-750
Pan diameter (mm)	985	1,200	1,346	1,516	1,716	1,746
Pan mouth diameter (mm)	474	600	600	600	600	670
Pan motor power (kW)	1.5	4	4	5.5	4	7.5
Process air delivery (m³/h)	1,100	2,500	4,000	4,000	6,000	8,000

ima.it

IMA S.p.A. Unipersonale reserves the right to make any changes to the described machine characteristics.



IMA S.p.A. - **ACTIVE** division
marketing.active.it@ima.it • ima.it/pharma/brands/ima-active
FOLLOW IMA 