



METROLUX

Drying and conveying

The processing of engineering plastics demands the right raw materials handling. Correct drying and conveying is crucial to the quality of the product.

Both versions of the METROLUX unit are compact and mobile. The integrated drying bin can either be filled automatically using a hopper loader or by hand.

The METROLUX A offers a machine dedicated solution with **integrated** dry-air conveying. The small material receiver feeds the required quantity of dried material directly to the throat of the processing machine.

The METROLUX S unit is designed for use with existing conveying systems or hopper loaders. Granulate can be pre-dried. When a material change is required the unit is simply wheeled up to the processing machine and connected.

METROLUX – the ideal solution for the efficient drying and conveying of small material quantities.





METROLUX

Your benefits:

Cost savings through

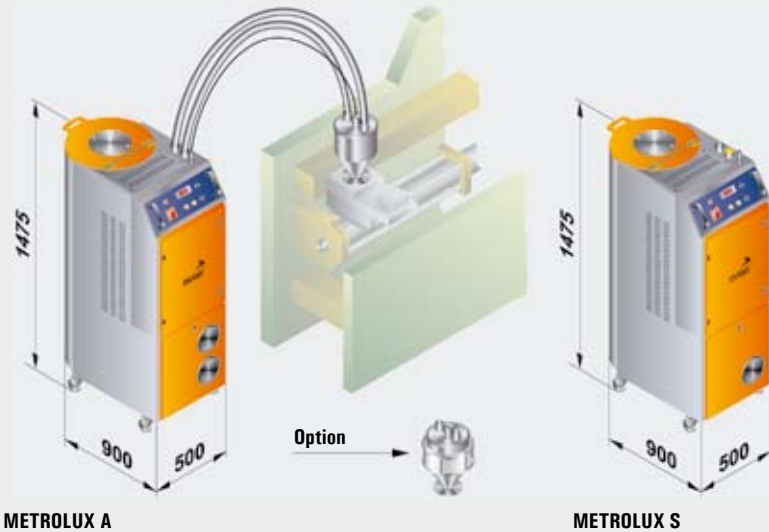
- compact – foot-print of unit less than 0.5m²
- large bin capacity – can eliminate the need for refilling during production
- fast material changes – material is pre-dried in a mobile unit
- low energy usage (< 1kW) – because of temperature and time controlled regeneration
- fast bin emptying using large material dump valve

Production reliability through

- material level control with full length sight glass in bin
- exact temperature control and safety thermostat

METROLUX A:

- receiver made of stainless steel
- continuous dry air conveying
- low conveying speed eliminating production of dust or angel hair
- dry hot air blanket in material receiver, no reabsorption of moisture



METROLUX A

METROLUX S

Technical data

Dry air generator Type METROLUX	METROLUX A	METROLUX S
Drying bin volume (l)	100	100
Dry air flow rate (m ³ /h)	40	40
Temperature range (°C)	70 - 120	70 - 120
Connected load (kW)	4,4	4,0
Power supply (V/Hz)	3/N/PE 400/50	3/N/PE 400/50
Compressed air oil and water-free (bar)	5 - 7	5 - 7
Weight approx. (kg)	133	118
Colour RAL orange/grey	2011/7040	2011/7040
Material feeding to the machine	Integrated dry air conveying	Using existing loaders
Max. conveying distance/height (m/m)	3/3	Defined by loader
Filling of drying bin	Hand or loader	Hand or loader

Material data

Material	Drying temperature (°C)	Residence time (h)	Performance range (kg/h)	
			METROLUX A*	METROLUX S
ABS	80	3	15	20
LCP	120	6	10	10
PA	75 - 80	5	12	12
PBT	120	4	14	14
PC	120	3	15	21
PEEK	120	5	10	10
PDM	110	3	15	20
PPS	120	5	12	15
PSU	120	4	14	18

* Performance limited by integrated conveying.

Subject to technical changes.

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