



LUXOR A light LUXORBIN A light

Drying systems

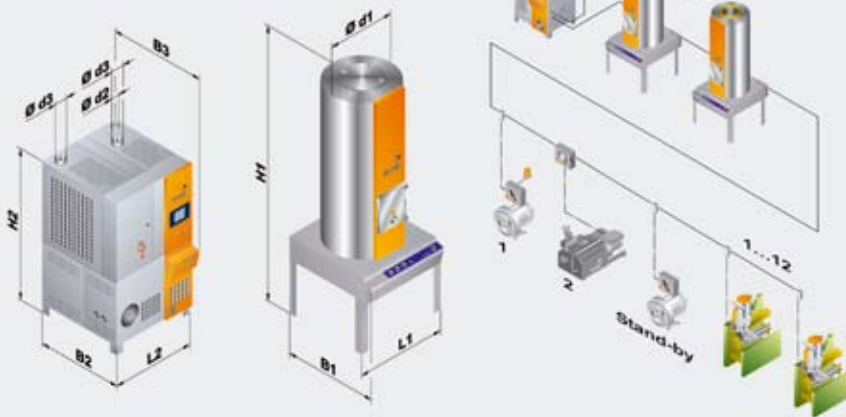
The processing of high quality materials makes high demands to material drying in particular. On account of the consequent development of the technology, Motan meets these requirements in all respects. The patented ETA-process® elements, such as heat exchanger in the drying and regeneration process as well as closed-loop cooling guarantee a very low energy consumption. In addition, the DryingOrganizer and the user-friendly LUXORnet light control have their share in reliability and economic efficiency.

The LUXOR A light drying systems are targeted to material feeding in the injection moulding shop. Via the LUXORnet light control they control up to eight LUXORBIN A drying bins – including their own material feeding – and in addition, up to twelve hopper loaders on the machines. The existing drying system can be expanded at the local panel without additional programming provided that the number of controlled units is not exceeded.





LUXOR A light/LUXORBIN A light



Technical data

Dry air generator Type LUXOR A light	250	400	600	900	1200	1800	2400
Dry air flow rate (m³/h)	250	400	600	900	1200	1800	2400
Connected load (kW)	7.1	15.0	19.0	29.0	41.0	54.0	69.0
Power supply (V/Hz)	3/ IPE 400/50						
Compressed air oil and water-free (bar)	5 - 7						
Dimensions (mm)							
L2	800	1000	1350	1350	1600	1600	1600
B2	829	1051	1250	1250	1250	2750	2750
B3	976	1176	1393	1393	1393	-	-
H2	1600	2000	2150	2150	2150	2100	2100
Ø d2	60	60	80	80	80	150	150
Ø d3	100	100	150	150	150	300	300
Weight approx. (kg)*	300	520	900	920	1200	2710	2860
Colour RAL orange/grey	2011/7040						

* Depending on equipment.

Technical data

Drying bins Type LUXORBIN	LB 100	LB 150	LB 300	LB 600	LB 900	LB 1200	LB 1800	LB 2400	LB 3000*	ETA Box
Drying bin volume (l)	100	150	300	600	900	1200	1800	2400	3000	-
Type L: Connected load (kW)	1.5	1.5	3.0	-	6.0	10.6	10.6	21.1	31.5	31.6
Max. drying temperature (°C)	140	140	140	-	140	140	140	140	-	140
Type H: Connected load (kW)	1.5	3.0	-	4.5	9.0	21.1	21.1	31.6	42.0	52.6
Max. drying temperature (°C)	180	180	-	180	180	180	180	180	-	180
Power supply (V/Hz)	1/N/PE 230/50			3/ IPE 400/50						
Dimensions (mm)										
L1	750	750	1000	1000	1250	1250	1250	1500	1500	800
H1	1810	2145	2300	2545	2757	2960	3410	3678	4150	2000
B1	917	917	1167	1167	1415	1415	1415	2011	1500	1450
Ø d1	508	508	669	859	1017	1017	1177	1434	1434	-
Weight approx. (kg)**	120	130	200	240	340	370	450	800	350	370
Colour RAL orange/grey	2011/7040									

* Heating and heat exchanger are located in a separate unit (ETA-Box). The bin is made of aluminum.

** Depending on equipment.

Subject to technical changes.

LUXOR A light LUXORBIN A light

Your benefits

- Flexibility through modular principle**
 Expansion of the existing drying system, for example, the number of drying bins or machine/hopper loaders can be configured at the local panel without additional programming (a maximum of eight drying bins and twelve hopper loaders on the machine).
 - Dew point control**
 Depending on material moisture and throughput, the dew point control optimises the change of the desiccant beds (optional).
 - Two component function**
 The LUXORnet light control offers the possibility for the integration of two-material machine loaders or mixing valves which premix virgin and regrind as needed by the customer (optional).
 - Simple and user-friendly operation**
 Intuitive operation by colour graphic touch screen.
 - Interprocess communication**
 Through the Ethernet interface, the LUXORnet light control can be integrated into the Motan CONTROLnet without any problems. This enables, for example, decentralised control or centralised monitoring of the system.
 - Trend chart**
 With the process air trend chart, the drying temperature trend of the past eight hours can be observed.
 - High economic efficiency**
 Due to the patented ETA-process® technology and the DryingOrganizer (optional), very cost efficient operation of the systems.
- ## Cost savings through
- Low energy consumption
 - Long maintenance intervals
 - Automatic material feeding
 - Flexible application due to the modular design
 - Expandability thanks to the intelligent LUXORnet light control

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