



ML = Moist Linen	Located above floor	S = Steam	DN 50	2660 mm	Entrance Dimensions: 1180 mm (Tumbler dismantled) 300 mm Height = 2400 mm Width = 2400 mm
DL = Dry Linen		C = Condensate	DN 25		
E = Electrical Supply	300 mm	A = Compressed Air	DN 12		
IA = Inlet Air	d=446 mm	2660 mm			Recommended minimum wall clearance = 600 mm
EX = Exhaust	d=396 mm	2960 mm	HO = Hot Oil	DN 50	
LR = Lint Removal			HW = Hot Water	DN 50	

Foundation load each leg approx. = 575 kg

Subject to alterations

BATCH TUMBLER**FL 646 STEAM****FILLING CAPACITY**

132,5 kg	106 kg	88 kg
at filling ratio	1 : 20	1 : 25
		1 : 30

WATER EVAPORATION

filling ratio	1 : 30	250 l/h = 4,1 l/min.
steam heating - 10 bar saturated steam		249 kg/h = 4.1 kg/min.
evaporation depending on local conditions		

DRUM

-diameter x depth	1510 x 1485 mm
-volume	2650 dm ³

APPLICATION

drying, pre-drying and loosening of extracted laundry

STANDARD VERSION

Solid design
 Tilting tumbler with rigid supply connections
 in stationary machine part on the right side
 Cyclic front loading and unloading
 by 2-way-tilting through large and wide lifting door
 Cool down system, time controlled
 Recirculation system for optimal finish
 and low energy consumption
 Exhaust-/recirculation ratio adjustable
 Computer control with LED display for
 up to 9 drying programs individually adjustable
 Display of actual program step and remaining time
 Thermostatic-electronic display of
 inlet and exhaust air temperature
 All program variables are retrievable

Steam heating up to 15 bar
 Drum of stainless steel
 Color: structure finish RAL5018 turquoise blue
 Radial-diagonal air flow
 Drum drive by friction wheel, reversible
 by V-belts
 Heat- and noise insulation
 Easy maintenance and inner surface cleaning
 Electric supply: 3/N ~ 50 Hz, 400/230 V
 Control for automatic operation as
 single unit
 Lint removal into large lint bags
 Machine equipped in accordance with
 relevant safety standards

SPECIAL VERSION

Stationary machine part on the left side
 Thermostatic-electronic temperature control
 of inlet and exhaust air temperature (SAT) by a
 steam valve with membrane resp. motor drive
 Thermostatic-electronic over drying protection ÜS
 Drum poly-coated
 Sprinkler device
 Steam trap

Special voltage, special frequency
 CSA-, Nema / UL-regulation
 Special finish
 Special pedestal heights: 300 mm, 500 mm
 Additional pedestal heights upon request
 Heating battery in stainless steel
 Heating battery for hot oil (225°C) or
 hot water (200°C)
 Heating battery with TÜV- resp. SA-Certificate

ACCESSORIES transport units for loading and unloading

CONNECTED LOAD AND CONSUMPTION RATE

<u>CONNECTED LOAD AND CONSUMPTION RATE</u>	<u>CONNECTED LOAD</u>	<u>CONSUMPTION</u>
Electric - without transport units	13,8 kW	11,7 kWh
Saturated steam 10 bar	560 kg/h	425 kg/h
Nominal heating capacity 245 kW		
Hot oil 225/180°C or hot water 200/180°C	10600 l/h	max.10600 l/h
Compressed air 6 bar, 6 charges/h suction capacity	520 l/h	400 l/h
Consumption depending on local conditions		

EXHAUST AIR RATE

Exhaust air rate with recirculation drying cycle in operation	2600 - 5300 m ³ /h
with cool down cycle max.	10600 m ³ /h
Counter pressure from local exhaust pipe max. permissible	3,0 mbar

PACKING

Shipping Dimensions:
 2800 x 2300 x 1800 mm
 2000 x 2000 x 1800 mm

WEIGHTS

Tumbler net 2200 kg, op. weight approx. 2400 kg
 Packing: planks and PVC-cover, gross 2300 kg

Subject to alterations