

## Science of Seed Processing

### General

Brand Saat Technologe  
 Product Name RECIRCULATING BATCH TYPE DRYER  
 Models Mini Dryer MD Series  
 Application Drying of Cereal grains and other seeds.

### MINIDRY

Available in various sizes and models with capacities from 0.65 to 14.9 m<sup>3</sup>.

#### Operating principle

The drying column is composed of air ducts buried in the grain.

The grain drops by way of gravity in a zig-zag pattern and is struck by a counter-current of warm air. The quantity of product discharged is regulated by a motorized electric extractor.

The product is collected in a hopper and sent down a vertical auger (optional bucket elevator), which repeatedly feeds the product into the drying column until the desired humidity level is reached (recirculating).

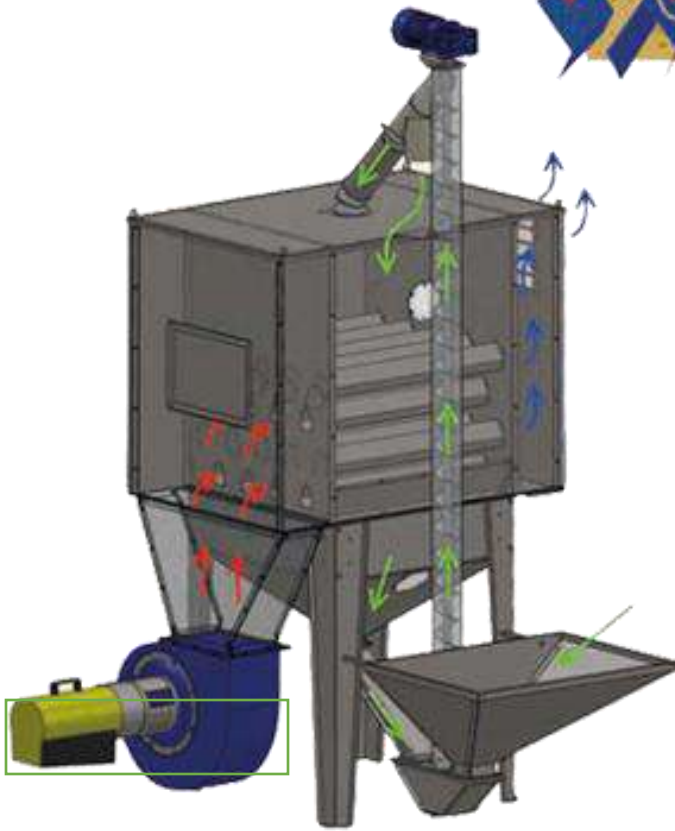
At the end of the drying process, the product is cooled and discharged by way of a bypass valve.

### CONTENT

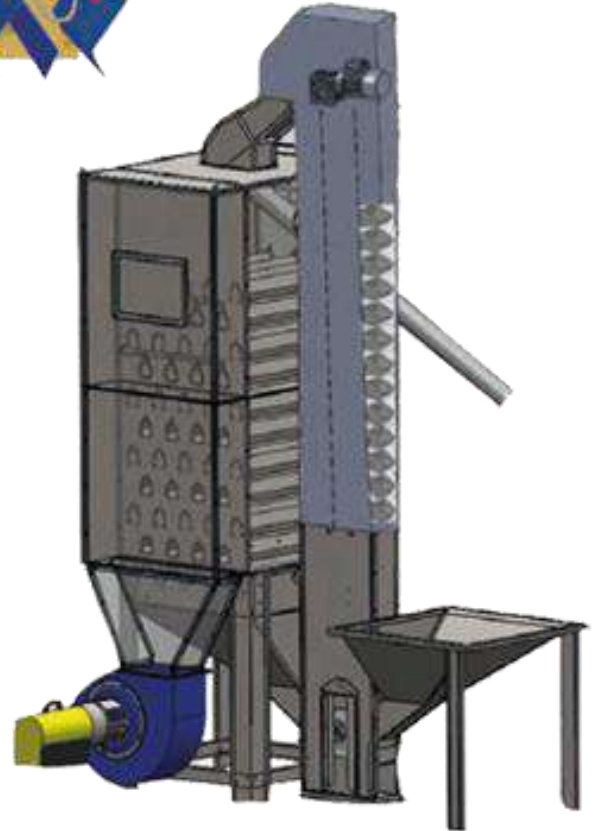
Feed hopper  
 Feed-discharge auger  
 Motorized electric extractor  
 Centrifugal fan  
 Burner (gas methane-diesel)  
 Control panel

### OPTIONAL

10 Km/h Trailer



**Mod. MD1-C**



**Mod. MD2-E**

MODEL	CAPACITY m <sup>3</sup>	WIDTH mm	LENGHT mm	HEIGHT mm
MD1-C	0,65	2320	1455	3060
MD2-C	1,3	2320	1455	4050
MD3-C	2,0	2320	1455	4940

MODEL	CAPACITY m <sup>3</sup>	WIDTH mm	LENGHT mm	HEIGHT mm
MD1-E	0,65	2720	1455	3310
MD2-E	1,3	2720	1455	4250
MD3-E	2,0	2720	1455	5190
MD4-E	4,4	2825	2250	4780
MD5-E	6,5	2825	2250	5800
MD6-E	8,6	2825	2250	6740
MD7-E	10,7	2825	2250	8030
MD8-E	12,8	2825	2250	8970
MD9-E	14,9	2825	2250	9990

**N.B.:** Indicated widths do not include the burner.