

AIR RECYCLING TARAR

The Air Recycling Tarar “RUTA” is used to separate light impurities (e.g. husk parts) from the granular product with the help of an air flow. Due to the integrated fan and the air recirculation mode, the machine generates only a small amount of exhaust air.



OPTIONS

- > Rotation speed monitoring Ventilator
- > Bearing temperature monitoring Ventilator
- > Wear protection
- > Custom painting (standard: RAL9003/ RAL3003)

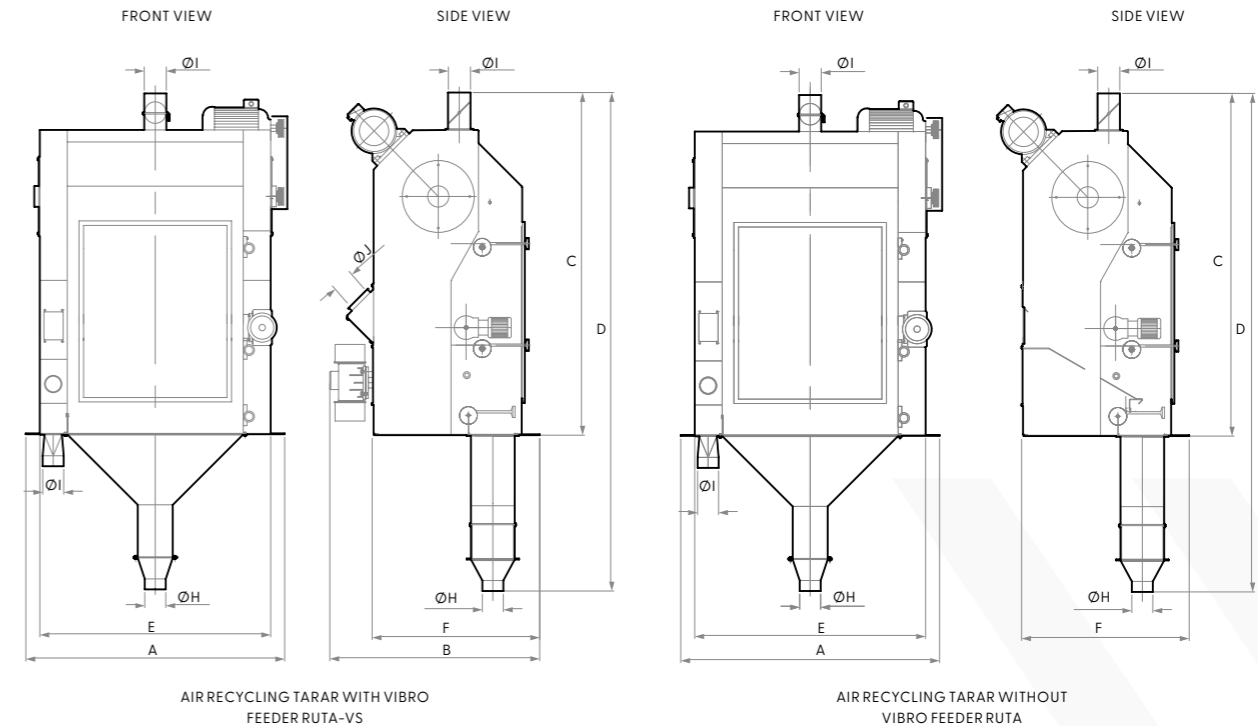
FUNCTION

The product enters the machine through the wide inlet (RUTA) or through the round inlet with vibratory feeder (RUTA-VS). Inside the machine, the product is permeated by a constant, adjustable air flow, which is generated by the integrated fan. Light particles are entrained by the air flow, separated from the air flow in the integrated dust separator and discharged to the side by a discharge screw. The cleaned product leaves the machine through the outlet at the bottom of the machine. A large amount of the air is fed back into the process, a small amount leaves the machine through the aspiration connection at the top, the amount of exhaust air can be regulated with the integrated adjustment flap. The air speed can be infinitely regulated by adjusting the rear wall. The large, transparent rear wall and the integrated LED lighting with integrated switch enable a clear view to the process.

The machine with a wide inlet is used in conjunction with a Grain Separator or a Multi-Cleaner. The machine with vibrating feeder is used in combination with a Scourer or as a stand-alone machine.

FEATURES

- > Low air requirement due to air recycling system
- > Easy adjustment of the proportion of exhaust air using the integrated throttle valve
- > No external fan and dust separator required
- > Precise and easy airflow adjustment
- > Good process overview thanks to the integrated LED-lighting
- > Uniform air flow across the entire width of the machine
- > Suitable for use in potentially explosive areas (inside/outside)



TECHNICAL DATA

Type	Capacity ¹ [t/h]		Aspiration [m³/min]		Motor Capacity [kW]			Weight [kg]		Volume [m³]
	PRE-Cleaning	Cleaning	PRE-Cleaning	Cleaning	Ventilator	Screw	Feeding	Net	Gross	
RUTA-600	40	10	10	8	3,0	0,37	-	495	720	5,3
RUTA-600VS	-									
RUTA-1000	65	18	12	10	4,0	-	-	650	930	7,6
RUTA-1000VS	-									
RUTA-1500	100	28	16	12	-	-	-	770	1.070	10,5
RUTA-1500VS	-									

¹ Capacities are non-binding values, which are based on wheat (0.75 kg/dm³). The Capacity may vary depending on product, humidity, contamination and environmental conditions.

DIMENSIONS (MM)

Type	A	B	C	D	E	F	ØH	ØI	ØJ
RUTA-600(VS)	1.080	1.177	1.945	2.535	920	947	120	120	150
RUTA-1000(VS)	1.480			2.829	1.320		150		
RUTA-1500(VS)	1.980			3.043	1.820		200		