

AIR CANAL

The Air Canal “RAKA” is used to separate light impurities (e.g. husk parts) from the granular product with the help of an air flow.



FUNCTION

The product enters the machine through the wide inlet (RAKA) or through the round inlet with vibratory feeder (RAKA-VS). In the machine, the product is permeated by a constant, adjustable air flow. Light particles are entrained by the air flow and leave the machine at the top end through the aspiration connection. The cleaned product leaves the machine through the outlet at the bottom of the machine. 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.

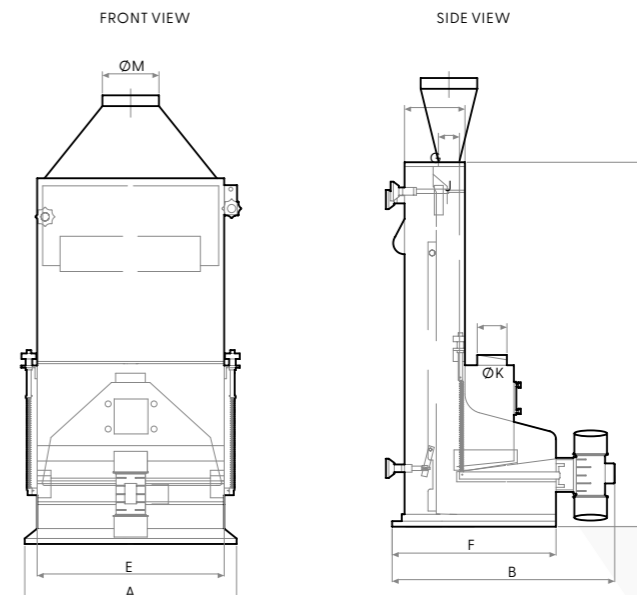
The machine with a wide inlet is used in conjunction with a Grain Separator or a Multi-Cleaner. The machine with vibrating feeder is used in combination with a Scourer or as a stand-alone machine.

FEATURES

- › Simple Construction
- › 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)

OPTIONS

- › External fan with dustcyclone or -filter
- › Wear protection
- › Custom painting (standard: RAL9003/ RAL3003)



TECHNICAL DATA

Type	Capacity ¹ [t/h]		Aspiration [m³/min]	Motor Power [kW]	Weight [kg]		Volume [m³]
	Shrivalled Kernels	Dust- and Huskseparation			Net	Gross	
RAKA-60VS	2	3,5	55	0,085	135	250	2
RAKA-60	3	6		–	105	205	1,6
RAKA-75VS	2,5	5	75	0,085	170	295	2,2
RAKA-75	5	9		–	130	240	1,8
RAKA-100VS	3	6	90	0,17	180	355	3,6
RAKA-100	6	11		–	150	255	2,2
RAKA-150VS	4,5	9	135	0,17	225	405	3,6
RAKA-150	8	16		–	195	355	2,9

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	E	F	G	J	ØK	ØM
RAKA-60VS	800	847	1455	600	770	324	170x548	120	250
RAKA-60	810	632			632		150x596	–	
RAKA-75VS	950	847		750	770		170x698	150	300
RAKA-75	960	632			632		150x746	–	
RAKA-100VS	1.200	847		1.000	770		170x948	150	350
RAKA-100	1.210	632			632		150x996	–	
RAKA-150VS	1.700	847		1.500	770		170x1448	150	400
RAKA-150	1.710	632			632		150x1496	–	