

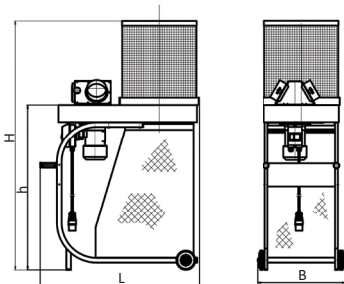
EGO – wood dust capturing from wood processing machines



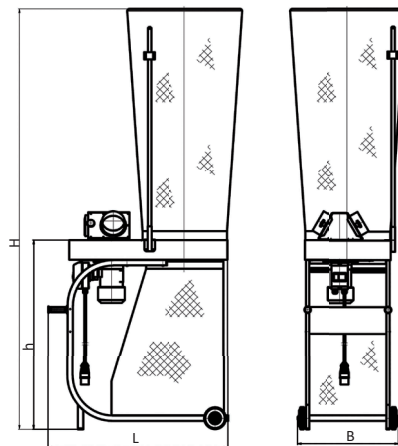
Purpose

EGO-type dust separators are efficient in wood dust extraction, from wood processing machines as well as are appropriate for removal the impurities formed during other similar technological processes. The dust capture efficiency is up to 99,5%.

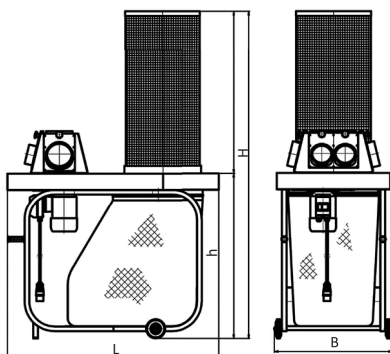
EGO-2N/M



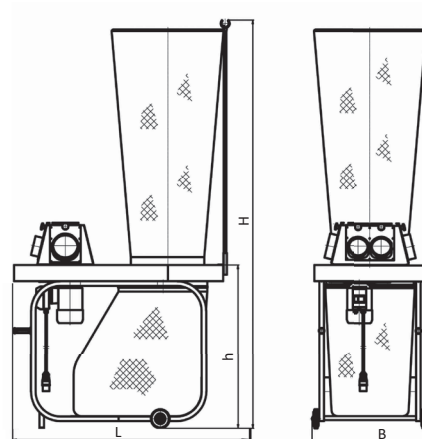
EGO-2W/M



EGO-4N/M



EGO-4W/M



Dimensions

Type	L [mm]	B [mm]	h [mm]	H [mm]
EGO-2W/M	1008	568	1058	2358
EGO-4W/M	1382	756	1062	2652
EGO-2N/M	1024	568	1058	1601
EGO-4N/M	1360	756	1062	2105

Structure

Dust separator consists of a housing based on a frame with wheels for easy displacement.

The motor with impeller is installed to the housing. Impeller is adapted for transporting the air polluted with wood, dust and chips. Underneath the housing is fastened a fabric waste bag, whereas above the housing is located a cellulose-polyester cartridge filter or a filtration bag – depending on the version.

According to the needs of Customer, the separator can be equipped with following hose connectors:

- T-piece (two connections),

- connection head with slide dampers (two connections in EGO-2, four connections in EGO-4),
- elbow (one connection).


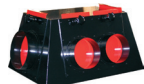


Directly on the motor housing is located a motor protective switch with short-circuit- and overload protection and the power supply cable with a plug. The processing machines and other workplaces for dust collection ought to be joined with hoses to the connections of the EGO dust separator. Inside the device takes place the separation of the impurities: heavy parts (wood dust, chips) are falling into the waste bag, whereas smaller particles are accumulating on the inner surface of the filters that have to be shaken manually. The lower waste bag needs emptying when it reaches the fill-up state.

Technical data


Type	Part no.*	Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Supply voltage [V]	Motor rate [kW]	Filtration surface [m²]	Acoustic pressure level [dB(A)]	Weight [kg]
EGO-2W/M	800O80	2950	1650	3x400	1,1	2,5	83	49
EGO-4W/M	800O82	3950	2000	3x400	1,5	5	85	80
EGO-2N/M	800O81	3150	1850	3x400	1,1	10	83	60
EGO-4N/M	800O83	4300	1950	3x400	1,5	15	85	94

* The Part no. applies to the EGO dust separator and does not comprise hoses and connection elements.


Connection elements

Sort of connection	Type	Part no.	Connection ferrules		Designed for	Remarks
			Quantity	Diameter [mm]		
 connection head	G-2	800G91	2	125	EGO-2	Each connection can be equipped with an appropriate reducer – see catalogue card INSTALLATION ELEMENTS.
 connection head	G-4	800G92	2 2	125 160	EGO-4	
 T-piece	TR-2	800T91	2	160	EGO-2	
	TR-4	800T92	2	200	EGO-4	
 elbow	K-2	800K91	1	160	EGO-2	
	K-4	800K92	1	200	EGO-4	


Hoses – to connect the suction connections of the EGO dust separator with the suction hoods

	Type	Part no.	Inner diameter [mm]	Bending radius [mm]	Maximum length [m]	Remarks
	PUR/PU-80	863P69	80	56	10	Material: strengthened polyurethane, completely covered steel spiral, high abrasion-resistant, transparent.
	PUR/PU-100	863P70	100	70		
	PUR/PU-125	863P71	125	88		
	PUR/PU-160	863P72	160	110		

Replaceable parts

Sort	Type	Part no.	Weight [kg]	Application
 cartridge filter	CP-2	852F103	7,85	EGO-2-N/M
	CP-4	852F104	9	EGO-4-N/M
 filtration bag	WF-2	876W16	0,4	EGO-2-W/M
	WF-4	876W26	0,5	EGO-4-W/M
 waste bag	T2	838W12	0,1	EGO-2
	T4	834W10	0,1	EGO-4

Dust collecting hood

	Type	Part no.	Connection diameter [mm]	Length of the suction slot [mm]
	S-100/L	819S01	100	300
	S-125/L	819S13	125	500