



SKIOLD DAMAS SIGMA



SKIOLD MAKES THE DIFFERENCE!

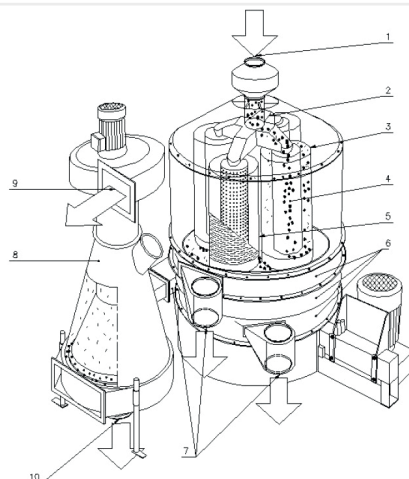


SKIOLDGROUP

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Function

The raw material (1) is conveyed to the screen drums (3) via the distributor (2). The drums rotate in a planetary movement, i.e. around their own axis (4) while the drum axes rotate around the centre of the machine at the same time. The centrifugal force flings the grains towards the screen walls (5) and separation is achieved when the smaller grains pass through the screens. Large and coarse particles are removed on the inner screens. The grain is collected in channels (6) at the periphery of the machine and discharged from the outlets (7). The clean material leaves the machine through the outlet (10) of the aspirator (8). Light particles (9) are drawn by a fan to a cyclone or similar dust collector.



TECHNICAL SPECIFICATIONS

Motors	754	1004	756	1006	1008
	A	B	2A	2A	2B
Main motor (kW):	18.5	18.5	18.5	18.5	30
Air part (kW):	0.37	0.37	2×0.37	2×0.37	2×0.37
Fan (kW):	5.5	7.5	2×5.5	2×5.5	2×5.5
Rotary seal (kW):	0.55	0.55	2×0.55	2×0.55	2×0.55
Air systems	754	1004	756/1006	1008	
	A	B	2A	2B	
Open air system I-III (1000 m³/h):	3-5	5-7	2×3-5	2×5-7	
Recycling air system IV (1000 m³/h):	1.2-1.5	1.5-2.0	2×1.2-1.5	2×1.5-2.0	
Cyclone type	6600	8400	2×6600	2×8400	

• Type A uses aspirator type 80 • Type B uses aspirator type 120

GUIDING CAPACITIES

Precleaning	754	1004	756	1006	1008
	A	B	2A	2A	2B
Wheat, 18% H ₂ O (t/h):	85	110	130	165	220
Barley, 18% H ₂ O (t/h):	80	100	120	150	200
Maize, 35% H ₂ O (t/h):	45	55	70	80	110
Maize, 45% H ₂ O (t/h):	40	50	60	75	100
Rapeseed, 17% H ₂ O (t/h):	60	80	100	120	160
Rice/sunflower, 18% H ₂ O (t/h):	40	50	60	75	100
Intervention cleaning					
Barley, 14% H ₂ O (t/h):	40	50	60	75	100
Malting barley					
20% separation (t/h):	8	10	12	15	20
15% separation (t/h):	12	15	18	22	30
10% separation (t/h):	20	25	30	37	50
Industrial cleaning					
Rapeseed, 9% H ₂ O (t/h):	30	40	50	60	80
Rapeseed, 17% H ₂ O (t/h):	20	25	30	40	50
Sunflower, 9% H ₂ O (t/h):	40	45	55	70	90
Sunflower, 15% H ₂ O (t/h):	30	35	40	50	70