



PETKUS Indented Cylinder Separators are processing machines for sorting and separating granular products according to the particle length and available in a large range of combination. The machine consists of the indented cylinder separator for short grain separation (K) and one indented cylinder for long grain separation (L).

Application:

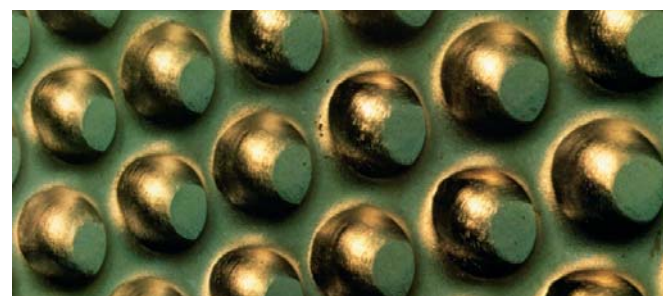
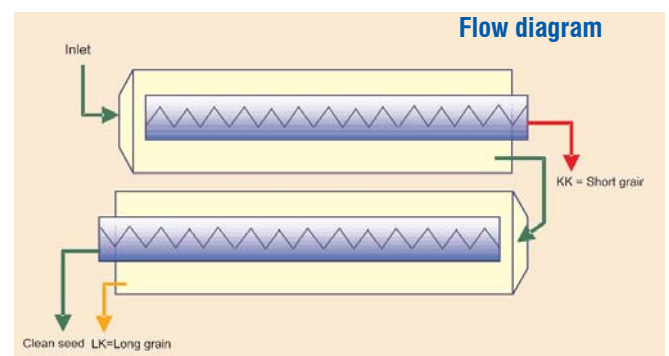
- seed cleaning of all kinds of cereals, wheat, oats, rye, grain, corn, sorghum, rice, others.
- in mills and malting industry for processing and sorting of wheat, rye, oats, barley and paddy.

The PETKUS Indented Cylinder Separator Plants are completely enclosed machines consisting of two indented cylinder with indents in the form of pockets and a discharge trough with screw each.

The indented cylinder is provided with indents inside, designed to suit the particular separation needs of each product. The adjustment of the trough and the selection of the respective indent size is important for the quality of the separation.

Construction:

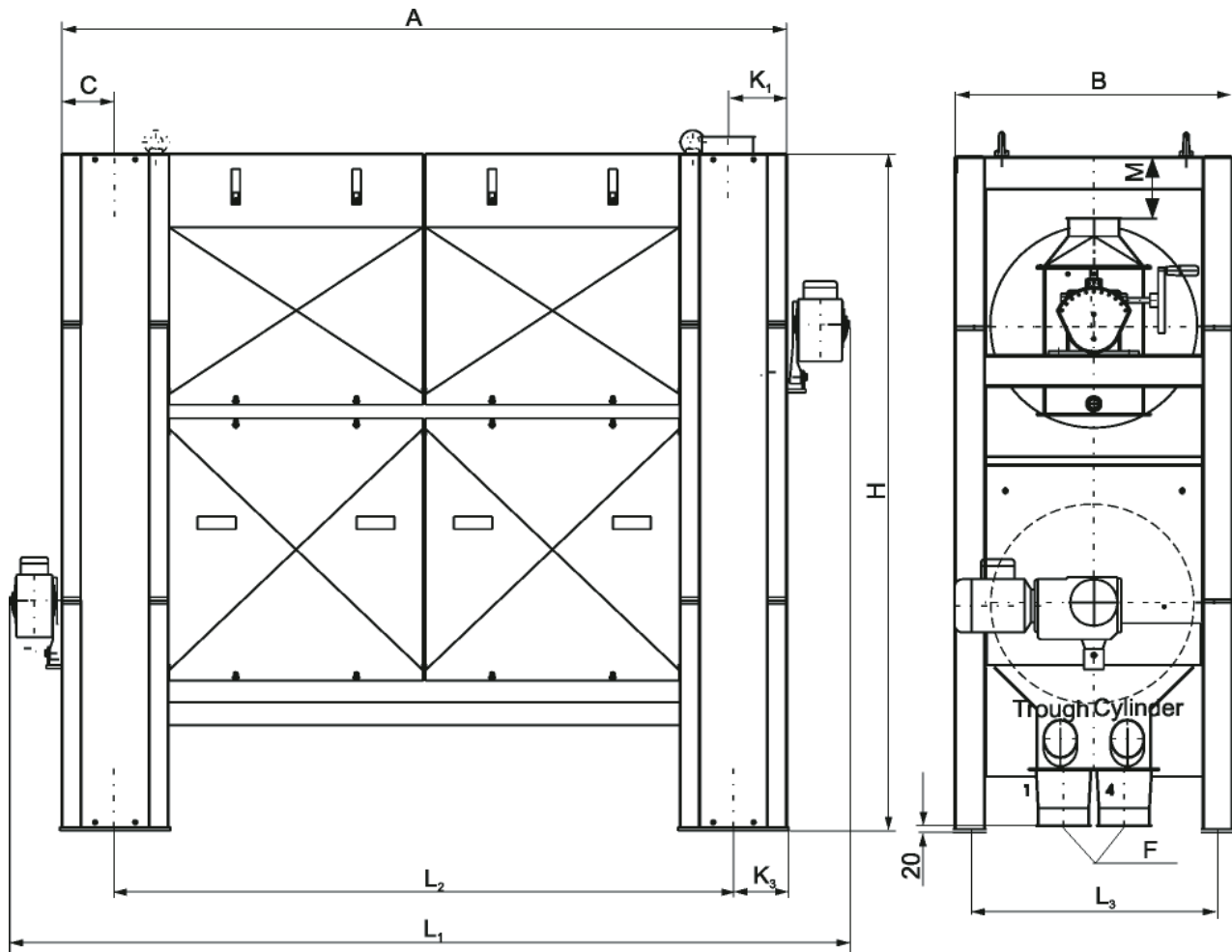
- compact steel construction,
- dust proof construction,
- precision indents,
- vibration free,
- separate drives for each cylinder,
- trouble free operation,
- maintenance free bearings,
- low noise level,
- easy adjustment,
- multiple separated cylinder segments,
- sample points for checking the separation result for each separation cylinder.



Indent cells



Indented Cylinder Separator Type TA



Type	A	B	C	K ₁	H	K ₂	F	L ₁	L ₂	L ₃	M
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
TA 615	2165	830	155	180	2060	155	Ø 150	2550	1845	740	190
TA 625	3165	830	155	180	2060	155	Ø 150	3570	2845	740	190
TA 730	3665	960	155	180	2060	155	Ø 150	4090	3345	870	190
TA 930	3665	1150	155	180	2550	165	Ø 150	4135	3345	1060	340

Type	Capacity Wheat with 3% impurities t/h	Cylinder Diameter/Length mm			Drive kW	Revolution U/min	Aspiration		Weight kg
		K (Short)	L (Long)	Length			m ³ /min	Pa	
TA 615	3,0	600	600	1500	2 x 1,1	41	16	200	1200
TA 625	5,0	600	600	2500	2 x 1,5	41	16	200	1300
TA 730	8,0	700	700	3000	2 x 2,2	38	20	250	1440
TA 930	12,0	900	900	3000	2 x 4,0	33	24	300	1950

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