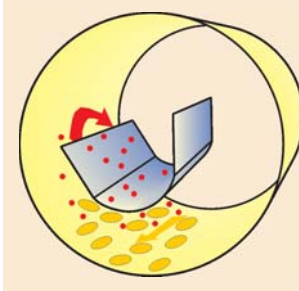


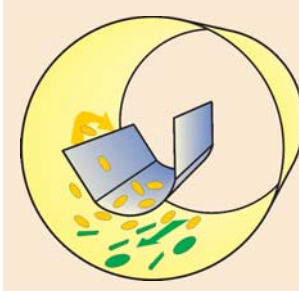
Indented Cylinder Separator Type TK/TL



Short grain separation



Long grain separation



PETKUS Indented Cylinder Separators are processing machines for sorting and separating granular products according to the particle length.

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 Separators can be used for:

- Short grain separation (TK) - The shorter grain within the product settle down into the indents. By turning the cylinder these short grains are discharged into the discharge trough. The trough settings can be adjusted during operation with the short grain being discharged by a screw conveyor mounted in the trough.
- Long grain separation (TL) - The product settle into the indents. By turning the cylinder it is thrown into the trough. The long grain components which have to be separated from the product do not settle into the indents and pass through the cylinder to the discharge.

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

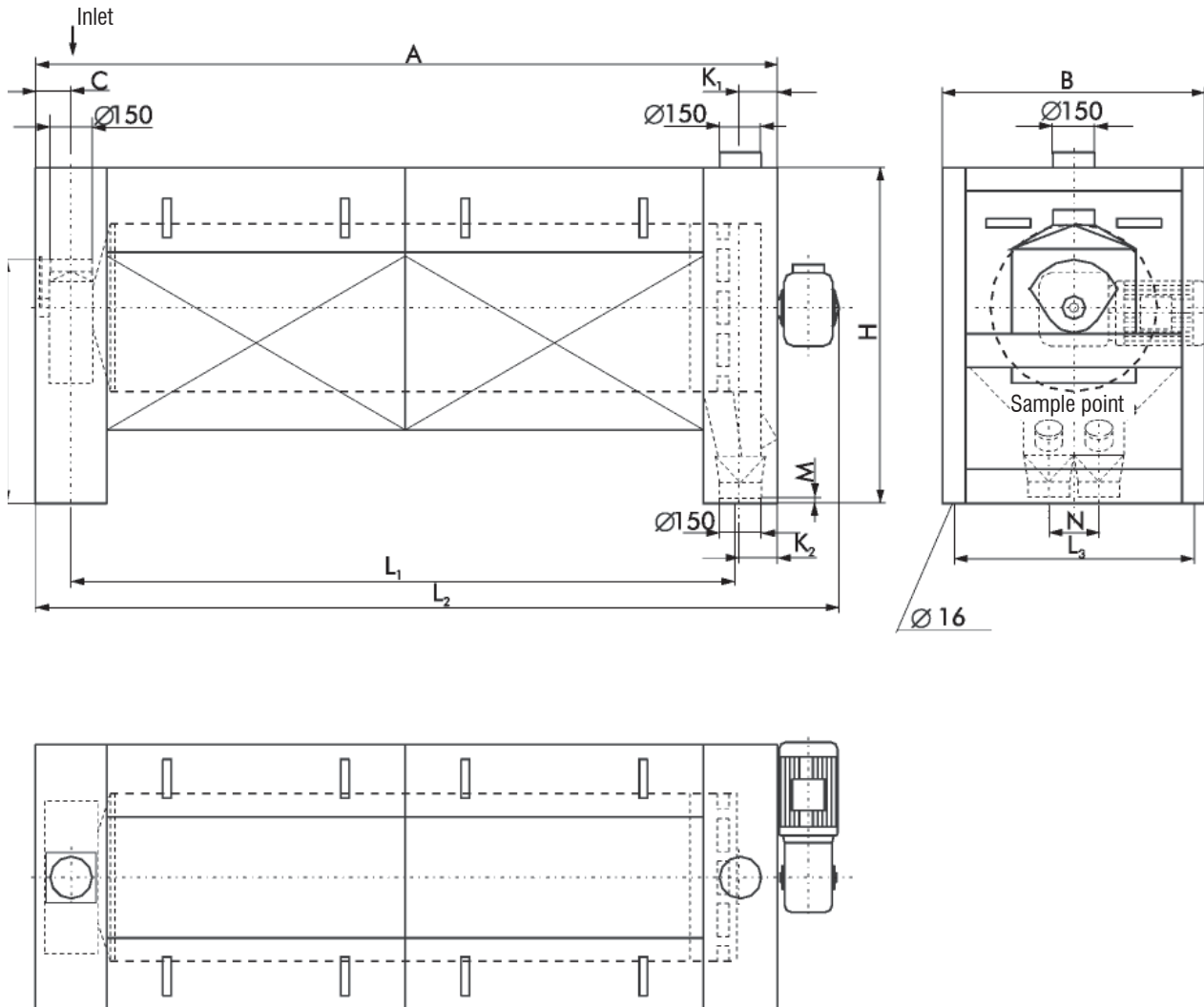
Description:

The PETKUS Indented Cylinder TK and TL are completely enclosed machines consisting of one indented cylinder with indents in the form of pockets and a discharge trough with screw.

The indented cylinder is provided with indents 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 result and quality of the separation.

Type	Type	Capacity Wheat with 3% Impurities	Diameter	Cylinder Length	Motor	Revolution	Aspiration		Weight	No. of segment
		t/h	mm	mm	kW	U/min	m ³ /min	Pa	kg	pcs.
TK	TL									
615	615	3,0	600	1500	1,1	41	8	90	600	3
620	620	4,0	600	2000	1,1	41	8	90	610	3
625	625	5,0	600	2500	1,5	41	8	90	660	3
725	725	6,5	700	2500	2,2	38	10	150	740	3
730	730	8,0	700	3000	2,2	38	10	150	770	3
930	930	12,0	900	3000	4,0	34	12	200	930	4

Indented Cylinder Separator Type TK/TL



Type	Type	A	B	C	D	K ₁	H	K ₂	L ₁	L ₂	L ₃	M	N
TK	TL	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
615	615	2165	830	155	1030	180	1270	155	1845	2380	740	20	180
620	620	2665	830	155	1030	180	1270	155	2345	2880	740	20	180
625	625	3165	830	155	1030	180	1270	155	2845	33480	740	20	180
725	725	3165	960	155	1090	180	1270	155	3345	3980	870	20	180
730	730	3665	960	155	1090	180	1270	155	3345	3980	870	20	180
930	930	3665	1150	155	1090	180	1525	155	3345	4025	1060	20	200

Technical Alteration reserved.

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