




Indented Cylinder HOTYP



Your Direct Benefits

HOTYP indented cylinder machines are designed to precisely separate cereals and seeds by length (short or long). It is designed for industrial use with a highly flexible modular system. The machine is fitted with a built-in two-way distributor in the outlet module for change-over of short and long material.

Due to the unique geometry of the indentations in the covers, you can rely on HOTYP to deliver extremely precise length separation which will help you maximise the amount of broken seeds removed from your crop.

-  HOTYP separators are designed for high-capacity industrial seed/grain separation. You can rely on the machine to remove almost 100 % of broken seeds or grains – which means that you can optimise the selling price of your grain or seed.
-  The HOTYP is designed to be as easy to operate as possible. For example, we have made the trough adjustment simple to perform, both manually and with the optional electronic trough controller.
-  Quality and safety the HOTYP is designed to be sturdy and stiff, making it ideal for industrial applications. It is fitted with food-grade non-stick seals to guarantee compliance with food safety regulations. And you can take out samples safely even while the machine is running.

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How it works

The HOTYP is fitted with two cylinders with indentations that catch whole seeds/grains and discard broken ones.

The short grain indented cylinder is provided with a stirrer for efficient separation, and the long grain indented cylinder is provided with optimizer for optimum exploitation of the covered area.

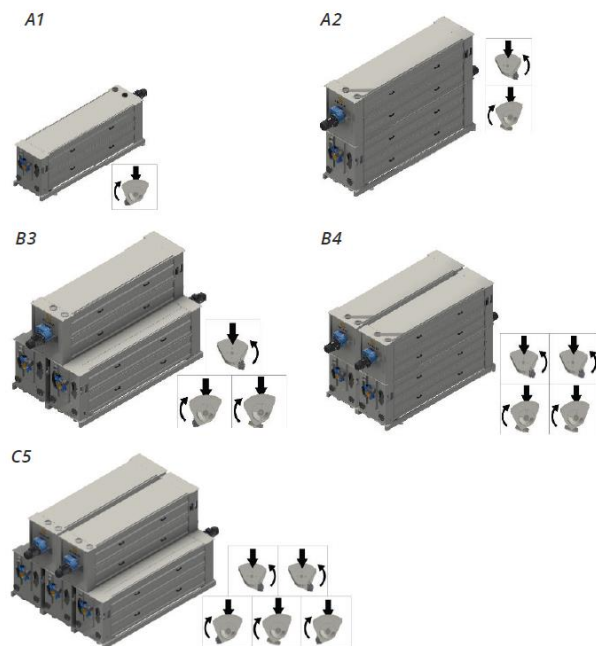
If both short and long seed separation is needed two cylinders can be located over each other so that the material is first short-grain separated in the upper cylinder and then long-grain separated in the lower indented cylinder. The Hotyp can be delivered with an optional electronic remote control of the through.



Unique Features

With the DAMAS modular system the most flexible indented cylinder arrangement in any combination can be built, see the standard combinations A1-C5. Without any difficulties it is possible to change or extend the indented cylinder battery. The outlet module is provided with a double two-way distributor, permitting to change the function of the indented cylinder.

The HOTYP's modular design permits custom-built arrangements with distribution indented cylinders for e.g. grass seed or with several parallel indented cylinders for malting barley or the like.



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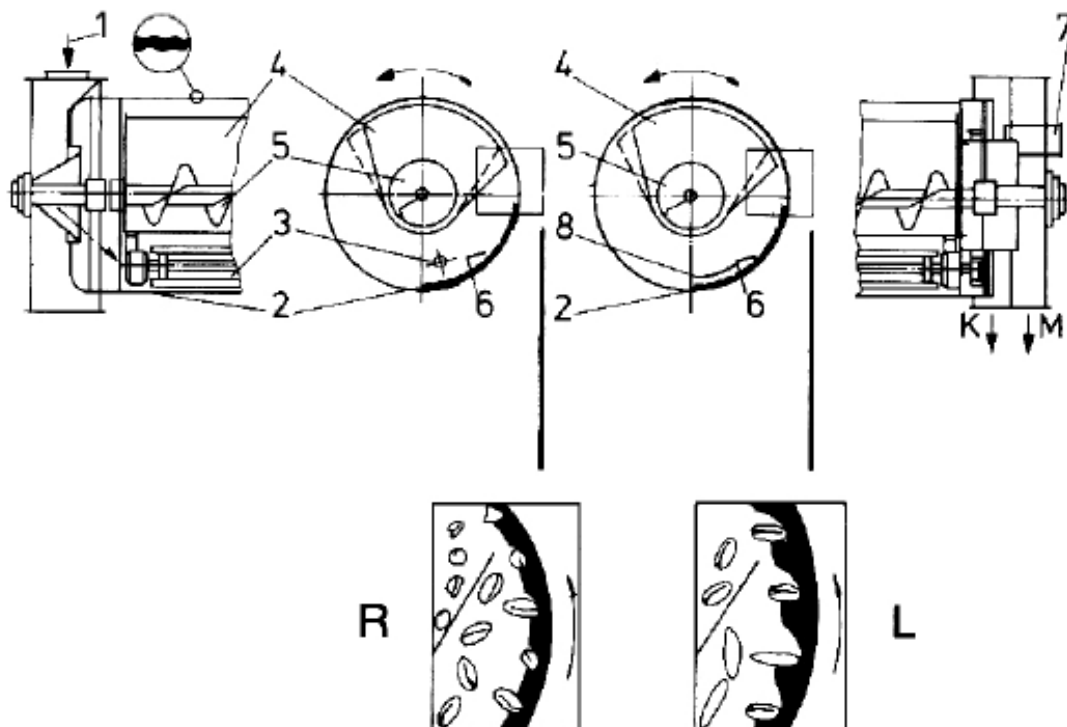


Function

The material to be treated (1) runs along the bottom of the indented cylinder cover (2). Through the rotation of the indented cylinder cover the short material is lifted up into the trough (4) and is carried to the trough outlet (M) by means of an auger (5). The long material falls out of the indents (6) before it reaches the trough (4) and continues towards the cover outlet (K). The inclination of the trough (4) can be adjusted during operation and is shown on a graduated scale, there are two versions manual/electrical.

When the indented cylinder is operating as short seed indented cylinder (R) it is equipped with a stirrer (3), ensuring that each seed comes into contact with the indents. As long seed indented cylinder (L) a special distribution arrangement (8) is incorporated, giving max. utilization of the cover.

Suction pipe branches (7) and doors for samples are standard equipment. The bottom frame of the indented cylinder can be delivered with legs in 5 different standard heights.



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Technical Specification		520	730	930	940
Cover diameter	mm	500	700	930	930
Cover length	mm	1980	2910	2910	3910
Motor	kW	1.5	3.0	3.0	4.0
Weight, A1 (incl. cover)	kg	500	1050	1600	2000
Weight, A2 (incl. covers)	kg	900	1950	3000	3800
Weight, B3 (incl. covers)	kg	-	2900	4500	5700
Weight, B4 (incl. covers)	kg	-	3800	6000	7200
Weight, C5 (incl. covers)	kg	-	4800	-	-

Guiding Capacity		520	730	930	940
Guiding capacity, barley and wheat, A1 and A2 (t/h)		4	8	12	15
Guiding capacity, barley and wheat, B3 (t/h)		-	12	18	20
Guiding capacity, barley and wheat, B4 (t/h)		-	16	24	30
Guiding capacity, barley and wheat, C5 (t/h)		-	24	-	-