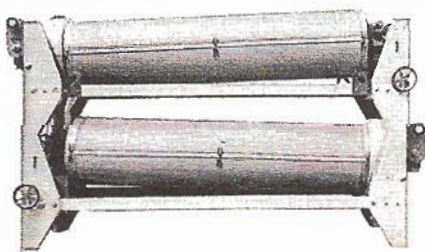
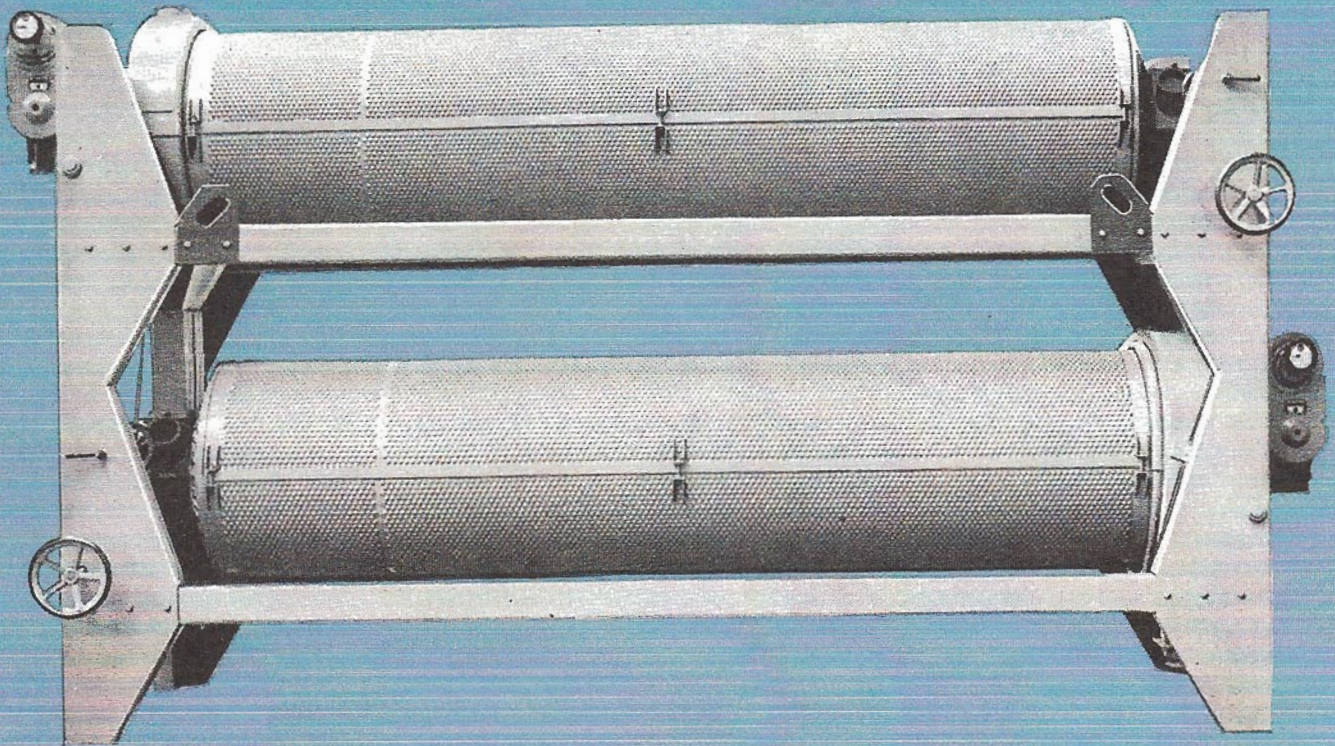


Universal Indented Cylinder Unit



SPECIAL INDENTED CYLINDER UNITS

with infinitely variable regulation of the rpm and adjustable inclination of the cylinders.

FOR SEED CLEANING

of grass and clover seeds, seed grain and similar products.

FOR GRADING

according to length of hybrid seed maize, beans, lentils, green coffee, peanuts (shelled or unshelled) and similar products.

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According to demand and experience a modern

UNIVERSAL-Indented Cylinder Unit

has been developed which provides universal cleaning facilities for all types of seed.

The standard unit consists of two cylinders – built into a modern all-steel framework – with the following features:

Each cylinder's speed is independently controlled and is infinitely variable.

The inclination of the cylinders may be adjusted according to need from 0 to 5°.

The cylinder trough is easily and accurately adjustable.

The cylinder covers are completely interchangeable thus enabling their adaptation to every cleaning need and type of seed. The covers are divided lengthwise and are therefore easily removable. They are made of high quality, wear-and-tear free special steel.

The indents are pressed with precision and may be adjusted to any special requirements in size, shape and, especially depth.

Openings are provided for the taking of samples and for operation control.

These special advantages make possible not only the cleaning of small seed – especially grasses – but also of all other seed varieties including cereals. The UNIVERSAL Indented Cylinders are also especially designed for the grading of seed maize by length.

It is therefore no longer necessary to purchase special additional cylinder units for grass and other small seeds because seeds can now be cleaned to perfection with one unit as the adjustments are infinitely variable.

The adjustable rpm and gradient allow individual regulation for each seed variety and for each cleaning method so that optimum effectiveness at maximum output per hour are achieved. The use of modern Indented Cylinders increases not only the quality of cleaning but also the amount of seed processed.

The output per hour depends on the kind of seed to be cleaned and on the quantity of foreign material to be eliminated.

The unit is normally supplied with two cylinders, but a single cylinder unit with the same regulating facilities is available as are combinations of 3, 4 or 6 cylinders.

Technical Data:

Type	Capacity per hour ¹⁾ kilos based on wheat	Indented cylinders of standard unit				Dimensions		
		equipped with ²⁾		∅	length	length	width	width
		UTR	UTL					
I - 1	4000	1	or 1	600	2000	3320	1350	
I - 2		1	1					
I - 3		3 cyl. at choice						
II - 1	5000	1	or 1	600	2500	3820	1350	
II - 2		1	1					
II - 3		3 cyl. at choice						
III - 1	7000	1	or 1	700	3000	4320	1350	
III - 2		1	1					
III - 3		3 cyl. at choice						

¹⁾ for barley approx. 80% - oats approx. 60% - grass-seeds approx. 10-20% of the rated output

²⁾ UTR = Indented cylinder fo

The cylinder covers for grass and other small seeds with indents smaller than 4 mm are supplied with specially pressed indents ensuring highest precision of separation.

For grading of hybrid seed maize by length specially pressed cylinder covers are supplied which guarantee an excellent quality of separation by length.

The infinitely variable regulation of the rpm and cylinder gradients are also very useful for the grading of maize.

All cylinders are provided with attachments for dust aspiration. The outlets are tightly sealed by rubber caps to ensure efficient operation even when no aspiration possibility is available.

All outlets can be supplied with connecting attachments for the use of standard tube systems with 120 mm diameter.

The modern all-steel construction combined with accurately machined castings, massive ball bearings and distortion-free base frames guarantees maximum smooth running and an unvarying performance even under severe working conditions.

The indents are made by a special process using tools made for this purpose in our tool workshop. Their depths and forms differ radically from those usually found in cylinders for maize and cereals.

Worthy of note is the high durability of the special steel used. This durability is improved still further during the pressing of the indents. The result is a very long operational life for the cylinder covers and a reliable, uniform cylinder performance during long-term, intensive operation.

We supply

Complete installations for the cleaning of cereals, sunflower seed, sorghum, peas, beans, and similar products.

Complete installations for the cleaning and grading of hybrid seed maize (corn).

Special installations for the cleaning of clover seeds and lucerne (alfalfa), furthermore for grass and vegetable seeds.

We erect

Complete factories for seed processing with silos and buildings.

height with underframe	Power kW	weight kp			Volume m ³
		without (with underframe)			
		net	railworthy	seaworthy	
1200	1,5	600 (827)	835 (1062)	955 (1182)	6,7
2300	2 x 1,5	1200 (1427)	1545 (1772)	1720 (1947)	11,8
3400	3 x 1,5	1800 ()	2260 ()	2490 ()	16,9
1200	1,5	675 (913)	940 (1178)	1070 (1308)	7,7
2300	2 x 1,5	1350 (1588)	1730 (1968)	1920 (2158)	13,5
3400	3 x 1,5	2025 ()	2530 ()	2780 ()	19,3
1250	1,5	750 (1000)	1040 (1290)	1180 (1430)	9,0
2350	2 x 1,5	1500 (1750)	1920 (2170)	2125 (2375)	15,5
3450	3 x 1,5	2250 ()	2800 ()	3075 ()	22,1



THE CLINDER COVER ARE REMOVED, BUT AVAILABLE

