

Threshing and polishing machines

# POL Series *Selecta*



**PETKUS**



## SMOOTH POLISHING

The rubbing process is very smooth as it is done by long rubber flaps that turn around in a cylinder.



## DUST FREE PRODUCT

POL 3.0 and 3.0C – the cylinder is split in two parts. One part has a perforated side where the dust is sucked out during the polishing to reduce the dust in the seeds.



## PROCESS CONTROL

The process is controlled by a timer so the polishing time is the constant for every seed lot and the risk of seed damage from over exposure is eliminated.

**The finest for Quality Seeds.**

The POL Series is specially designed for rubbing and/or polishing of seeds. By using beaters with rubber flaps the rubbing is relatively smooth but very effective and the threshing compartment remains very clean while the seeds can not stick into brushes like with other type of rubbing machines. The machine is designed for quick, easy and thorough cleaning.

The POL 2.0 and 3.0 are ideal for rubbing small seed lots in vegetable or flower seed (breeding). The POL 3.0C is a continuously operating machine for bigger seed lots up to 500 kg/hour. These machines operate very smoothly to avoid damaging the seeds and are easy to adjust.

## Operation

The rubbing process is very smooth as it is done by long rubber flaps that turn around in a cylinder. The cylinder is split in two parts. The top part is mounted in the machine, the bottom half can be opened very easily. It is hanging in two hinges so that the inside of the cylinder is very easy accessible for inspection and thorough cleaning. Parts of the cylinder of the POL 3.0 and 3.0C are made of perforated steel plates to aspirate the dust during operation.

The POL 2.0 and 3.0 are batch type machines for smaller seed lots and the 3.0C is a continuous system for larger seed lots up to 500 kg/hour. The capacity of the 3.0 C is high for a compact machine like this.

The POL 3.0C is a very smooth rubbing machine designed to process seeds like tomato and carrot seeds for debearding, or melon, squash, cucumber, egg-plant, beet, spinach seeds to remove hulls and skin sticking to those type of seeds. POL 3.0 can be used for lighter polishing of most other seeds as well.

The POL 2.0 can even be used for small plant parts or one ear of corn etc.

## Features

- + Very smooth polishing/rubbing process, no damage to the seeds
- + Easy access and thorough to clean
- + No loss of any seed
- + Very easy operation and settings, all are stepless and reproducible.
- + Very clean operation, almost dust free product
- + Exchangeable beater types; stronger or smoother flaps or even steel beaters
- + POL 3.0 and 3.0C: The bottom of the rubbing cylinder is made of perforated steel.

## Options

- + The POL 3.0 can be delivered for semi-automatic operation; the machine is interactive with the operator.
- + POL 3.0C: Depending on the level and type of debris the feeding can be done by a VIDOS vibrating feeder or by belt feeder.



## Technical Data

		POL 2.0 <i>Selecta</i>	POL 3.0 <i>Selecta</i>	POL 3.0C <i>Selecta</i>
Length	(mm)	600	1 400	1 650
Width	(mm)	300	1 400	800
Height	(mm)	850	2 400	2 300
Weight	(mm)	35	400	600
Drum diameter	(mm)	180	380	300
Drum length	(mm)	200	700	660
Height feeding hopper	(mm)	850	1 300	2 160
Power supply	(kW)	0,37	1,5	5,5

Descriptions and measurements are approximate. We reserve the right to implement technical changes.