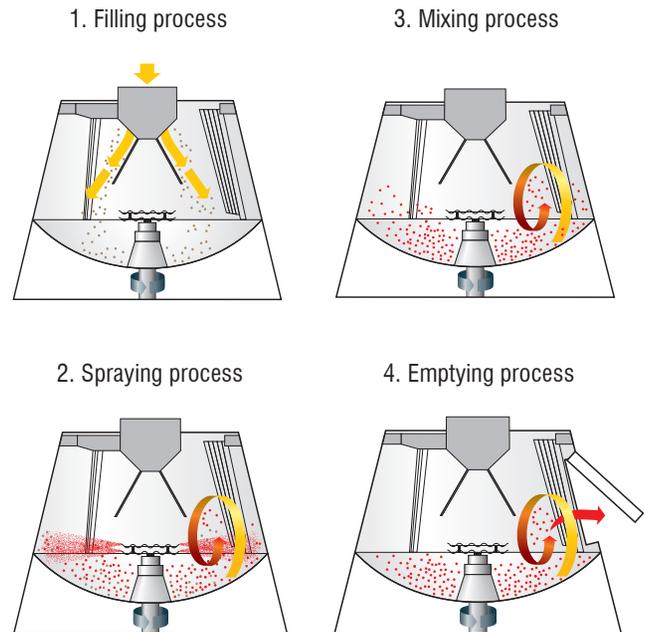




Batch treating process flow



The **PETKUS Chemical Batch Treater C 100 / C 200** are used for chemical seed treating, precision coating and pelleting of seed.

Advantages:

- Absolutely even and complete coating of the grain surface
- High-precision, gravimetric dosing of the seed and coating agent
- Gentle treatment of the seed due to rotor-stator-principle
- Documentation of the process data
- Fully automatic process flow with self-emptying function
- Freely programmable control
- Self-cleaning effect

Description:

The seed is transported over a weighing unit into the impeller type mixer and is evenly distributed over a symmetric inlet, which is easily removeable for cleaning. The seed dressing is dosed by a metering pump on a spraying disc and evenly sprayed on the seed, creating a fine mist. During the mixing process and because of the centrifugal force, the seed is moved up the walls of the impeller type mixer in an outer veil, and due to the conical shape of the stator, the seed falls back to the rotor in a smaller inner veil. This process creates a completely even coating.

At the end of the process, the impeller type mixer is completely emptied by an electro-pneumatic flap. The treated product is moved to the outlet. Dust is extracted from the seed in all process stages.

Construction:

The Chemical Batch Treater consists of a weighing unit, the impeller type mixer with the spraying disc, the stator and rotor, and the dosing unit with the pump.

The drive is operated with a gear motor. The chemical seed treater is controlled by a control cabinet with a touch panel.

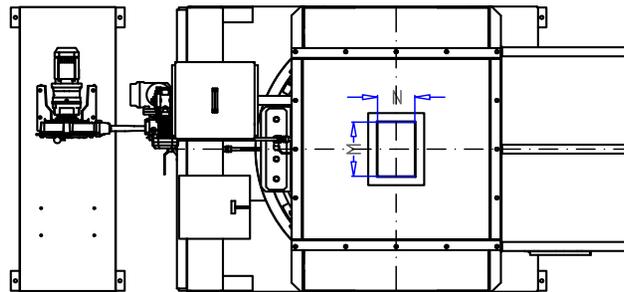
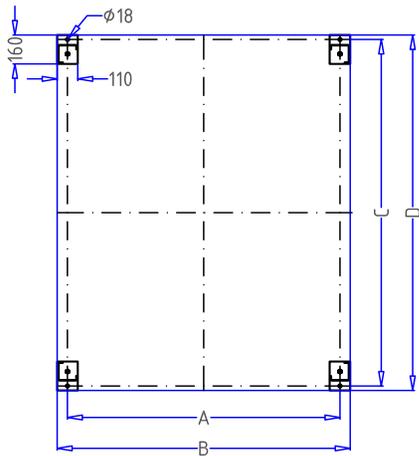
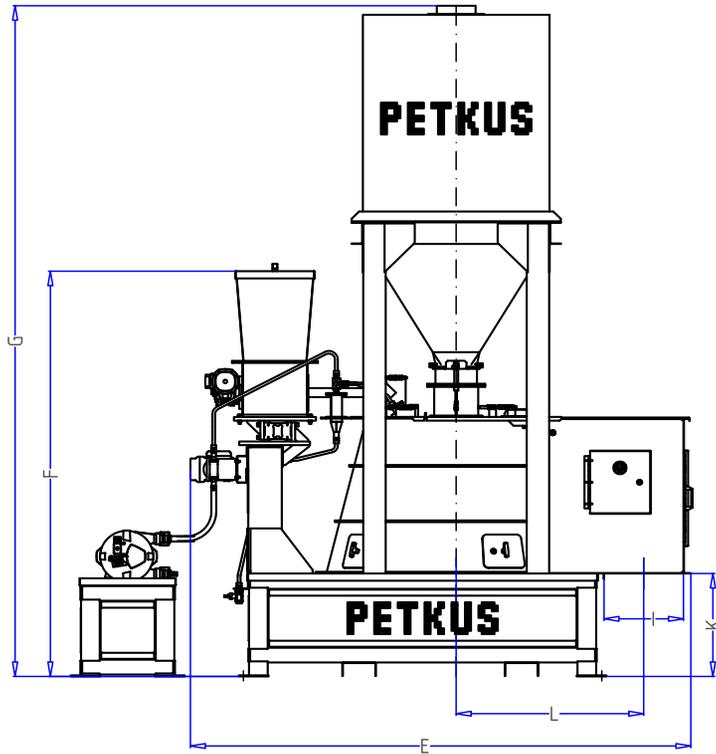
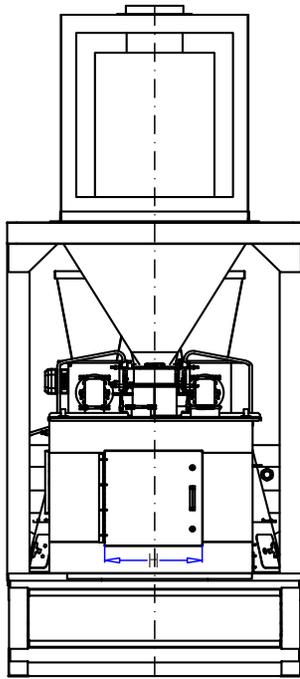
Standard Equipment:

- Bolted housing made of sheet steel
- Mixing container with rotor and stator
- Dosing unit with a pump
- Control cabinet with touch panel and control software
- Weighing unit
- Product outlet
- Sensors for monitoring and control

Options:

- Additional pumps
- Powder dosing
- Equipment for coating and pelleting

Chemical Batch Treater C 100 / C 200



	A	B	C	D	E	F	G	H	I	K	L	M	N
C 100	46.25	50.50	68.75	70.75	96.25	87.00	142.50	15.75	14.25	23.50	40.50	10.00	6.00
C 200	57.50	62.50	75.50	77.50	106.00	91.50	157.75	19.50	16.75	25.50	48.00	11.50	6.00

Technical Data		C 100	C 200
Capacity (based on wheat)	lb/h	up to 33 000	up to 55 000
Quantity / Batch	lb	110 - 220	220 - 440
Cyclotime / Batch	s	normal 20	normal 20
Motor rotor and impeller disc	hp	15.0	20.0
Motor fan	hp	3.0	3.0
Gear motor dosing pump	hp	0.5	0.5

Technical alteration reserved.