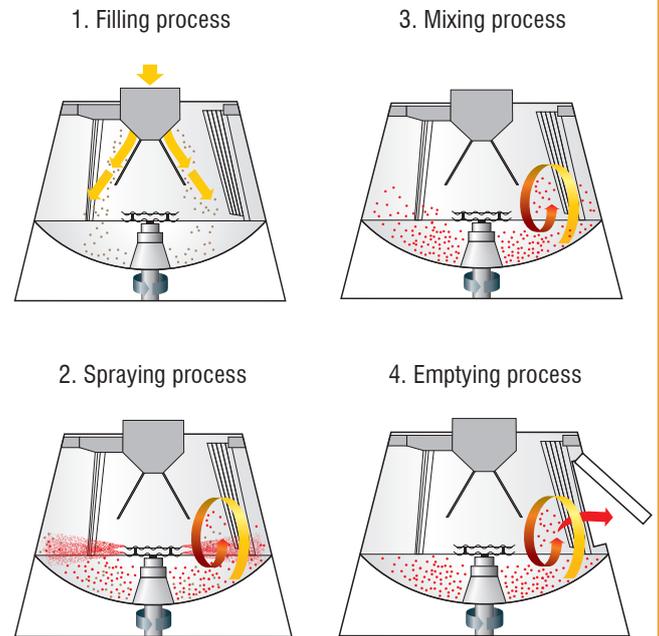




Batch treating process flow



The **PETKUS Chemical Batch Treaters 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.

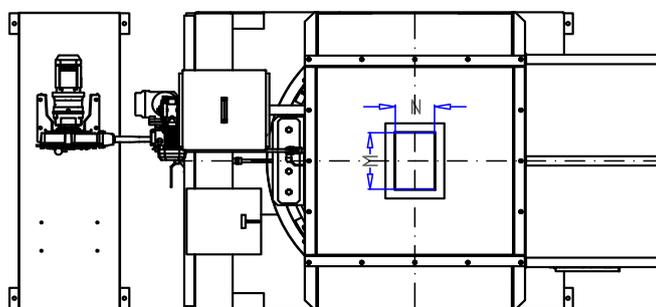
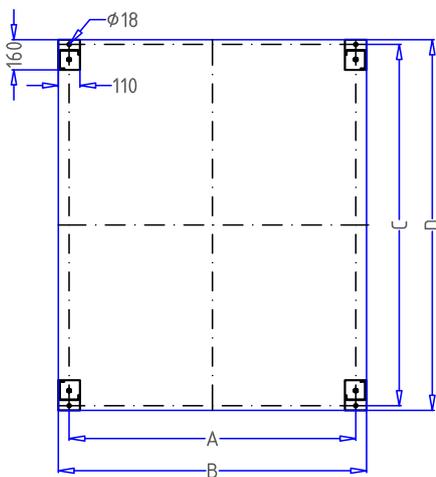
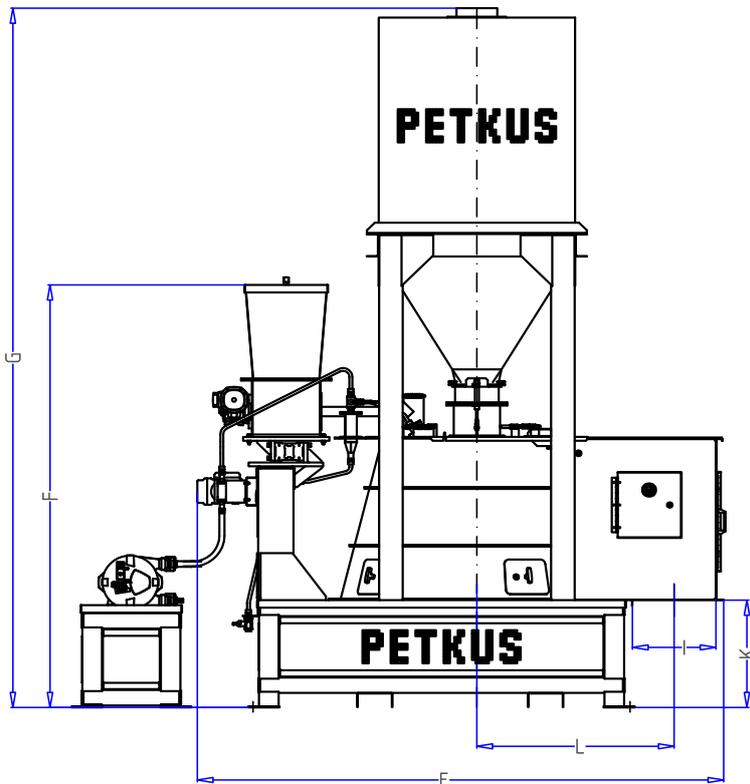
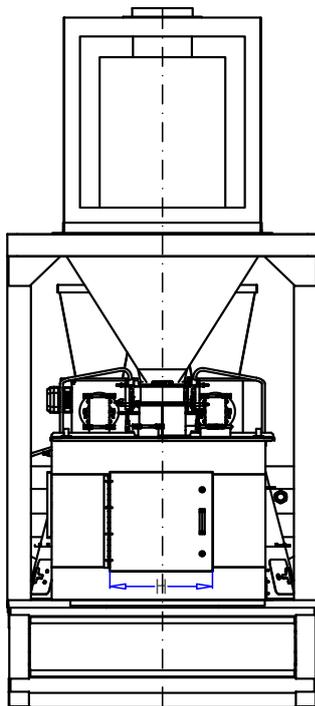
Standard Equipment:

- 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	1174	1285	1745	1795	2441	2210	3615	400	360	600	1027	250	150
C 200	1460	1580	1920	1970	2690	2325	4005	496	425	650	1217	300	150

Technical Data		C 100	C 200
Capacity (based on wheat)	t/h	up to 10	up to 24
Quantity / Batch	kg	40 - 80	80 - 170
Cycletime / Batch	s	normal 25 - 30	
Motor rotor and impeller disc	kW	11.0	15.0
Motor fan	kW	2.2	2.2
Gear motor dosing pump	kW	0.37	0.37

Technical alteration reserved.