



Continuous Treater C 025

New and improved user friendly operation

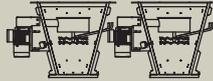
The new PETKUS Continuous Chemical Seed Treater C 025: A mixing chamber with an 80% opening, parallel and consecutive designs, a new dosing system and an alternative post mixer were designed and built to improve ergonomics, user flexibility and performance. In addition the paddle mixer can now be completely removed easily for cleaning.

Assembly Combinations

Module 1
Beltweigher or
Rotary Valve



Module 3
Parallel or Consecutive
Arrangement Primary
Distribution



Module 5
Octagon Drum or
Paddle Mixer



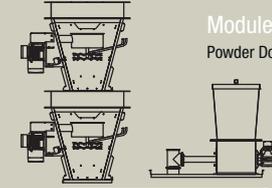
Module 8
Drying



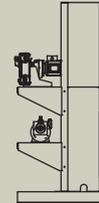
Module 2
Aspiration



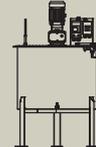
Module 4
Powder Dosing



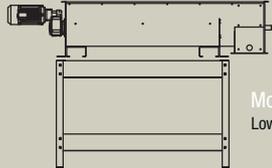
Module 6
Control with
Dosing Pumps



Module 7
Chemical Mixer



Module 9
Lower Frame



80 Percent Opening of the Mixing Chamber

The primary mixing chamber has a conical design. The two side panels can be completely removed thereby allowing for 80% access to the chamber. The paddle mixer in the secondary mixer can now be quickly accessed and removed with a bayonet locking device. Both modifications simplify machine cleaning and save valuable operator time.

Parallel or Consecutive Design

The new continuous treater design allows for the connection of several primary mixing chambers either in parallel or in series. Each chamber is equipped with double spraying discs. When combined with a parallel setup a significant capacity increase can be realized. In the series setup the number of liquids used can be significantly increased. For example: with two chambers in series 4 liquids can be dosed and sprayed. Powdered product can also be dosed in both cases in the secondary paddle mixer.

Dosing – new CDS System

Dosing can be carried out either gravimetrically using a belt weigher or volumetrically using a rotary valve. An alternative or additional option now available is the new Chemical Delivery System (CDS). Through the CDS several different liquids can be dosed and fed either individually or mixed. The CDS is controlled by a touchscreen and can be operated from different locations.

Alternative Secondary Mixer

Both a paddle mixer and an octagonal mixing drum are available for secondary mixing. The octagonal mixing drum is very gentle and effective for sensitive product and optionally available with a dryer.

New and improved user friendly operation

- Significant opening of the side panels on the primary mixing chamber and easy removal of the paddle mixer allow for simplified cleaning
- Exact coating and separate liquid in-feed through double spray discs
- Higher flexibility through powder in-feed in the secondary mixer
- Capacity improvement or in-feed of several different liquids through parallel or series primary mixer setup
- Volumetric or gravimetric dosing
- Paddle mixer or octagonal mixing drum (optionally with post drying) for secondary mixing
- Paddle mixer can be completely removed for cleaning
- Flexible pre-mixtures using the CDS system
- Flexible operation with touchscreen controls

Technical Data C 025

Capacity (Basis Wheat)	25-40 t/h
Drive power	
Primary distribution	0.75 kW
Secondary paddle mixer	1.5 kW
Pump	0.37 / 0.55 kW
Rotary Valves	0.37 kW
Belt weigher	0.75 kW
Octagonal mixing drum	1.5 kW