

## Centricoater CC10/20 – Special



The CC10/20 – special is based on a fully automatic CC10/20, using a CC10/20 mixing chamber, with one pump-supported dosing line for the liquid agent. All dosing lines in the pricelist can be added, according to the needs of the client. The seed is measured by a built-in scale, using electronic loadcells, the indication of the weight is done by an HBM - display. Filling of the pre-scaled seed into the mixing chamber is done automatically. The coated seed is bagged manually after the process, and the bag removal and sewing is also done manually. A small PLC controls the heart of the process, the coating of the seed. This guarantees the same and reproduce-able conditions and quality for each batch.

The whole machine is ready prepared for operation, only the main power supply must be plugged in, and connecting the compressed air supply must be done. A spout for connecting the existing aspirating system is also prepared on the CC10/20 – special, the aspirating system must be provided locally. The glass cylinder must be connected by means of flexible hoses with the pump, fed by the chemical tank.

### Operation:

The operator of the CC10/20 – special will pre-scale the necessary amount of seed manually, using the built-in scale. This seed is filled manually into the pre-bin of the CC10/20 – special. A bag for the coated seed must be fixed at the discharge of the mixing chamber.

After preparing the CENTRICOATER the operator starts the coating process by pushing the START button. The seed is emptied automatically into the mixing chamber, the liquid is injected, and the seed is mixed and emptied into the bag. After removing the coated seed, a new batch can be done. Several safety features are included within the PLC, including prevention from adding new seed during operation and from beginning operation without a new bag at the discharge.

It is recommended to operate this machine with a minimum of two persons. One person prepares the seed, and a second person removes the coated seed, fixes a new bag at the discharge and starts the process again. This makes it possible to keep a capacity of approximately forty to sixty batches per hour.

### Recipes:

- dosing of the liquid within 5 .. 15 s
- mixing of the seed within 5 .. 10 s
- discharge of the seed within 5 .. 10 s

*values can differ depending on type of seed and quantity of liquid*

### Data:

Mixing chamber:	max. 10 / 25 kg, referred to wheat
Glass cylinder:	1 pc., 0,5 l , filled by pump VF10
Weighing display: for pre-bin (opt.)	HBM – scale indicator WE2108 using electronic load cell
Power supply:	3/N/PE, 400V, 50Hz, min. 16A
Pneumatic:	2,0 Nm <sup>3</sup> / h, 6 bar nominal
Aspiration:	300 m <sup>3</sup> / h
Painting :	RAL 3002 RED



with painting RAL 9010 White