

“Rotary coater with a medium up to high capacity”

The HR600 rotary coater is the most common used size rotary coater. It is made for coating / pelleting medium seed lots up to high production capacities.

With the HR600 it is possible to coat, depends on your seed / recipe, about 800 liters per hour (Based on a batch time of 45s and a polymer/pesticide mix application of 35g/kg).



The HR600 is available in different configurations, varying from manual machines till fully automated machines. Hoopman equipment & engineering b.v. also delivers bespoke HR600 configurations.

Product characteristics:

- High speed coating
- High speed pelleting
- Easy to operate
- Simple straight forward design
- Modular system
- 100% top access
- “Off centre” liquid supply
- Exit door opens in rotary direction (Faster and cleaner emptying of the machine)
- Standard with gray high quality finish
- PLC machines are equipped with a modem for external support
- CE-European Industry standard

Standard available control boxes:

- | | |
|--|--------|
| • Manual seed feed | M |
| • Manual seed feed but with PLC for coating with recipe | SEMI |
| • Filmcoating configuration (coat with only liquids) | ASFC |
| • Pelleting configuration (coat with powder and liquids) | ASFCP |
| • Filmcoating configuration with preparations for RFBD dryer | ASFCD |
| • Filmcoating / pelleting configuration with preparations for RFBD dryer | ASFCPD |

(a combination of the above mentioned configurations is also possible. Hoopman equipment & engineering also delivers bespoke rotary coaters)

Options:

- Integrated powder feeding (with or without gravimetric feed)
- External powder feeding (with a Hoopman equipment & engineering powder feeder)
- Peristaltic pump for liquid supply (1.7 – 5400 ml/min)
- Flowcontrol with only recognizing flow or no flow
- Accurate flowcontrol, measuring the liquid supplied.

Specifications

- Average batch size* : 15 kg / 15 litre
- Average capacity : 1200 litre per hour
- Disc diameter : 600mm

* The specifications of the capacity is only an indication and depends on your seed / recipe. You can contact us to know how much seed you can coat with this machine with your seed / recipe.

Dimensions (HR600M)

- Length : 1000mm
- Width : 610mm
- Height : 950mm

Because of the increase of the application rate of pesticide / polymer, it is almost inevitable to dry the seed after coating. Hoopman equipment & engineering also delivers different drying systems which can keep up with the high speed of rotary coating. You find more information about our dryers on our webpage, or contact us for more information.



HR600 with external powder feeder



HR600ASFCP with PFR-601