



GE Additive

Improved automation
in powder handling

Arcam EBM PRS 30



Easy and safe powder handling

In addition to Arcam EBM machines we offer auxiliary equipment for easy and safe powder handling that lives up to industrial standards—the Powder Recovery Station (PRS). The new Arcam EBM PRS 30, offers enhanced features for the user which includes:

- Increased automation with automated blasting, self-diagnostic and easy trouble shooting.
- Simplified cleaning by automatic cleaning of blast chamber, exchangeable cyclone and tubes and a combined blasting and air cleaning nozzle.
- Improved ergonomic with a new improved HMI, improved work light and larger window.

The benefits of the PRS 30

- The PRS 30 is perfect for customers who are ramping up for volume production. It's designed for easy cleaning which allows a shortened time when switching between jobs with different powder batches and materials.
- Exchangeable cyclone and tubes make it possible to have dedicated cyclone and tubes for different powders, if needed.
- A combined blasting and air cleaning nozzle provide a closed powder feed to the blast gun. This results in less equipment in the blast chamber and enables easy emptying of feed hoses from powder.

- The blast chamber features automatic cleaning. The transport tubes are made of stainless steel which eliminates plastic in the powder.
- The blast cabinet and major parts made from magnetic stainless steel are easy to clean. And the magnetic particles are picked up by the magnetic separator.
- Ergonomics and usability are enhanced with the improved Human Machine Interface (HMI), decreasing operator mistakes, and making it easier to find machine errors in progress.
- The blast chamber visibility offers enhanced work light and a larger window and improved work environment for the operator.

Additional details

- The blasting of the sintered powder is automated.
- A position-controlled motor lifting the build enables system height control and allows the system to adjust to the build heights when the automated blasting is running.
- Manual blasting is possible for complex builds.

