

ASCO Dry Ice Production Technology

Advantages of an in-house Dry Ice Production

Decades of experience have taught us one thing: Having the right quantity of dry ice at the right time means a maximum of quality and flexibility in the daily working process and leads to remarkable cost savings.

ASCO is specialized to support customers in building complete dry ice production centers. As a one-stop provider we do not only take care of the dry ice production but also of the dry ice packaging and recovery of CO₂. We also advise our customers on the correct storage and logistics of dry ice and offer CO₂ safety gear.



Advantages

Independency

- No dependency on suppliers (cost and timewise)

High flexibility

- Dry ice is available at any time
- The exactly required quantity can be produced

Process reliability

- Always high quality of dry ice
- No delivery delays caused by dry ice supplier

Cost optimization

- No order, rental and transportation costs for dry ice and equipment
- No order of unnecessary safety stock



Possible extensions for your Dry Ice Production

ASCO Dry Ice Wrapping Machines: ASCO offers dry ice wrapping machines to wrap the freshly produced dry ice slices.

ASCO Pellets Bagging Machines: Pellets bagging machines are compact solutions for automated bagging of dry ice pellets into bags.

ASCO Dry Ice Repacking and Dosing Systems: Handy distribution concepts for dry ice pellets to be transferred from large containers into smaller packages.

ASCO Dry Ice Dosing System: This dosing system was developed to be able to fill dry ice pellets of various sizes precisely into different containers and shipping boxes.

ASCO Dry Ice Active Saw: The dry ice active saw was specially designed for cutting dry ice slices.

ASCO Dry Ice Storage: Optimum dry ice logistics requires optimum storage of dry ice. ASCO offers various types of dry ice storage boxes and containers to minimise sublimation loss.

ASCO CO₂ Gas Detectors: CO₂ gas detectors are used to protect personnel wherever CO₂ gas or dry ice is used in closed areas, for example when dry ice blasting or producing dry ice.

ASCO CO₂ Gas Revert Recovery Systems for Dry Ice Machines: Save CO₂ and money with an ASCO CO₂ Revert Recovery System by increasing the conversion rate from liquid CO₂ to dry ice from approx. 45% to up to approx. 95%.

Thanks to **ASCOS i-Series** Technology we interconnect our machines and offer contemporary, modern and individually customized solutions for your Dry Ice Production.

ASCO CAREFREE is our rental solution for your Dry Ice Production. You can produce your own dry ice without investing in the dry ice production equipment.