

PRESS RELEASE

ASCO's Nanojet guarantees top performances at low consumptions

The demand for efficient, yet gentle cleaning processes is growing at a consistently high pace. ASCO CARBON DIOXIDE LTD meets these needs by launching a new generation of dry ice blasting machines, starting with the ASCO Nanojet.

The ASCO Nanojet has been specifically developed for the plastics industry yet suitable for almost every application in a wide range of industries. The engineering team at ASCO has integrated a pellet grinder into the ASCO Nanojet machine body which crushes the dry ice pellets into finest dry ice particles. With the ASCO Nanojet, much smaller pellets are blasted on the surface being cleaned which ensures a precise, fast and consistent surface cleaning. ASCO Managing Director Marco Pellegrino explains the advantages: "Cleaning with crushed pellets is more economical because the consumption of dry ice and compressed air are reduced, thus less energy has to be spent on the acceleration of the pellets. Thanks to the greatly reduced compressed air consumption, the ASCO Nanojet has a significantly reduced noise level, resulting in a more comfortable working environment and greater safety during operation."

With a newly developed gun nozzle and blasting gun with integrated cutter, which are both included in scope of delivery, the ASCO Nanojet is the all-in-one package for countless applications. As a further choice, the blasting gun with integrated cutter can be used to once more refine the dry ice pellet crushed in the pellet grinder before, which makes cleaning even more gentle. The specially developed fine nozzles guarantee that the surface to be cleaned won't be damaged and, if desired, also allow blasting without any dismantling of components.

Further advantages of the ASCO Nanojet are given by the vertically adjustable handle as well as the integrated grounding roll. The grounding roll allows a safe use while dry ice blasting. The new and modern frame design, a distinctive blue control panel, a newly developed ergonomic blasting gun, and self-explanatory handling complement the perfect all-in-one package which comes along with the purchase of an ASCO Nanojet.

Marco Pellegrino is convinced: "Decades of experience and an intensive exchange with customers worldwide allow us to recognize technologies that are required. We now meet these requirements with our new dry ice blasting machine. The ASCO Nanojet scores with an excellent cleaning performance at extremely low dry ice and air consumption – that will convince any user for sure."

Captions:



Figure 1 – The new ASCO Nanojet convinces with a precise, efficient and noise-reduced operation.

About ASCO

Swiss ASCO CARBON DIOXIDE LTD is a provider of complete CO₂ and dry ice solutions with customers worldwide. The product range includes CO₂ Production and CO₂ Recovery Plants, ASCOJET Dry Ice Blasting Units, Dry Ice Production Machines, CO₂ Cylinder Filling Systems, CO₂ Vaporisers, CO₂ Storage Tanks, CO₂ Dosing Systems for Water Neutralisation and various other CO₂ and dry ice equipment. Thanks to this broad product range and more than 130 years of practical experience in the wide field of CO₂ and dry ice, customers benefit from individual, complete CO₂ solutions from a single source. Since 2007 ASCO has been part of the international industrial gas enterprise Messer Group and is its competence centre for CO₂. By joining forces with the German BUSE Gastek GmbH & Co. KG, based in Bad Hönningen, in the year 2014, the expertise and product portfolio was pooled and significantly expanded. This applies in particular to the complex field of CO₂ recovery. In July 2016, the US subsidiary ASCO CARBON DIOXIDE INC (ASCO Inc.), based in Jacksonville/Florida, was founded. ascoco2.com

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