

ARBURG at the Chinaplas 2018

Unique sector event



At the Chinaplas in Shanghai (China) from April 24 to 27, 2018, ARBURG presented innovative technologies relating to Industry 4.0, injection molding and additive manufacturing. On stand L61 in hall 2, trade show visitors had an overview of the wide-ranging ARBURG portfolio.

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"You can rely on ARBURG. As a globally positioned family-run company, we offer high-quality machines 'Made in Germany' as well as first-class consulting and service," explains Zhao Tong, Managing Director of the ARBURG organizations in China. "At the Chinaplas, we are going to present ourselves as a leading machine manufacturer and competent technology partner." Exhibits include Industry 4.0 and additive manufacturing as well as innovative lightweight construction for the automotive sector, LSR processing for the 3Cs (Communication, Computer, Consumer) sector, a medical technology application and a complex turnkey solution for the packaging sector. Everything from the one-of part to high-volume production will be presented.

Pioneers in digital transformation

With over 30 years of experience in digitally networked machines including peripheral equipment, ARBURG is the sector leader in digital transformation.

Complex turnkey systems for the packaging sector

ARBURG offers a wide range of automation solutions from a single source. As an example of this, a complex turnkey system for the packaging sector will be presented at the Chinaplas. A hydraulic ALLROUNDER 920 S with a clamping force of 560 tons and a 1 + 2 + 2-cavity family mold initially produces the five individual parts from PP in a cycle time of 32 seconds. These are then removed by a MULTILIFT V 40 linear robotic system and positioned in a separate assembly station. There, they are automatically assembled within the injection molding cycle to form a ready-to-use folding crate.

Represented in all industries

ARBURG presented ProFoam physical foaming technology in China for the first time. In addition to weight reduction, the process can also be used to specifically improve mechanical properties and part quality. The exhibit is a hybrid ALLROUNDER 570 H with a 15.3 oz injection unit that produces an interesting component for passenger car engine compartments. Medical technology is an important market for ARBURG and is characterized by high growth rates. An electric ALLROUNDER 370 E GOLDEN ELECTRIC will be used at the Chinaplas 2018 to demonstrate that the entry-level electric series is also suitable for the precise production of medical technology parts. The exhibit uses a 2-cavity mold from Wellmei to produce Y connectors for intravenous drip therapy. The molded parts made from PC are removed and set down by a MULTILIFT SELECT linear robotic system. Hydraulic entry-level machines are particularly suitable for processing liquid silicone (LSR). This was demonstrated at the Chinaplas 2018 by a hydraulic ALLROUNDER 420 C GOLDEN EDITION with a clamping force of 112 tons, which produces flexible LSR cases for the iPhone 8

