



Sepro America, LLC
One Best Drive
Pittsburgh, PA 15202
Phone: 412-459-0450
Fax: 412-459-0470

PRESS INFORMATION

CONTACT: Jim Healy, Sepro America (412) 459-0450; jhealy@seproamerica.com
Scott Collins, Marketing Communications, (216) 382-8840; scollins@collins-marcom.com

New Axess Beam Robots from Sepro America Offer Longer Strokes for Added Versatility

New configurations of the economical Axess Range of servo-driven beam robots from Sepro America LLC give molders up to 33% greater vertical reach along with new safety and convenience features normally available only on high-end robots.

The new Axess 22 has a standard vertical stroke of 1400 mm (55 inches) with 1600 mm (64 inches) available. That's 200 mm (8 inches) of additional stroke than previously available on this size of robot. The Axess 33 has a standard vertical stroke of 1600mm, with 1800mm (70 inches) available.

Telescoping arms, which are ideal for low-ceiling applications, are also available on both the Axess 22 and 33. The vertical stroke on the smaller Axess 11 remains 1000mm (38 inches)... no change from the previous Axess 10 model.



Axess 33

(More)

“We can still deliver the shorter vertical strokes if the application requires it (1200 mm on the Axess 22 and 1400 mm on the Axess 33),” explains Jim Healy, Vice President Sales & Marketing, “but with longer strokes available, a molder no longer has to specify a robot that is larger overall just because he may have a mold that requires a longer stroke. If payload capacity and other dimensions suit the application, there’s no need to pay more for a larger robot. These changes certainly give us greater flexibility when applying the new range to various molding machines.”

Ideal for simple pick-and-place applications on smaller molding machines, the Axess Series is a line of 3-axis servo-driven Sepro robots that offer high-performance capabilities at a price below most other 3-axis servo robots. Yet they offer attractive standard features like, Axess “Touch” controls with simple pick and place programming capability; simultaneous motion on all three axes; multiple vacuum and pressure circuits to allow degating, selective part placement and other functions; and quick disconnects for fast changeovers. The Sepro-exclusive ‘Y-free’ function, also standard, provides for the programmed release of the strip-axis motor, allowing free movement of the robot arm and load-free ejector tracking. Wrist rotation from 0 to 180°, with a programmable intermediate stop at 90°, is a popular option.

The new Axess 11, 22 and 33 robots also feature Digital Vacu-Stat, which allows users to fine-tune vacuum flow settings from the operator pendant and store them for easy recall. This safety and convenience feature, which had previously been available only on Sepro’s advanced Generation IV robots, eliminates the need for operators to make settings mechanically on the robot arm itself, which often meant climbing on the molding machine to do it. Sepro has also more than doubled the number of available inputs and outputs (now 16 of each) to allow for connecting more peripherals like conveyers, degating equipment, etc. An optional USB memory stick is available for storage and transfer of programs.

Sepro America, LLC, provides robots, sprue pickers, end-of-arm tooling and automation systems for injection-molding machines from 20 to 5000 tons throughout the United States

and Canada. Its North American headquarters facility in Pittsburgh, PA, supports customers with sales, engineering, assembly and testing, training and service. Sevro America is a wholly owned daughter company of Sevro Robotique, La Roche sur Yon, France. One of the first companies in the world to develop Cartesian beam robots for injection-molding machines, Sevro today is the global #1 supplier of robots for injection-molding machines 800 tons and larger. In all, there are 3000 Sevro robots installed in the United States and over 16,000 running worldwide. www.sevroamerica.com