

## Arc welding robot offers hollow wrist for cable management



The BA006L from Kawasaki Robotics (USA) Inc. is a compact arc welding robot with a hollow wrist and increased reach for welding large workpieces. According to the manufacturer, the robot uses up-to-date arc welding technology to rival the quality of a skilled human welder.

The 13-lb.-payload model has a reach of 80 in. The 1.77-in. inner diameter of its hollow wrist structure allows for through-arm cabling, simplifying cable and hose management. The hollow wrist design is compat-

ible with torch manufacturers' equipment and can be fitted with dress package cabling to minimize potential interference with other processing and manufacturing equipment.

The centers of the upper arm's length and rotation axis have been separated, allowing wire feeders to be placed in the space behind the upper arm. This prevents wire feed cables from being bent excessively and minimizes wire feeders' interference with peripheral equipment during welding, increasing flexibility and allowing joint 6 to operate at higher speeds. In addition to preventing in-process cable snagging, this speeds up on-site programming and eliminates cable positioning variables to help make offline programming more efficient and maintenance faster.

Adaptive welding functionality is available to modify robot position, weave pattern, and speed during welding to fill variable joints.

**Kawasaki Robotics (USA) Inc.**  
www.kawasakirobotics.com

## Pneumatic beveling tool uses inserts with eight cutting edges



Saar-Hartmetall USA has announced the availability of its redesigned SMA 30-P hand-held, pneumatic beveling tool, which features a new, simplified design that allows for quick changing of the milling head. The new milling head uses dice-shaped inserts that now have eight cutting edges instead of the typical four.

The lightweight beveling tool can produce straight bevels up to 3/8 in. at 30, 45, and 60 degrees and radii bevels of 1/8 or 0.16 in.

**Saar-Hartmetall USA**  
www.saarusa.com

## Magnet-type rotary nut feeder designed for quieter operation



Dengensha America has introduced its new Compact Feeder, a lightweight magnet-type rotary nut feeder for resistance welding.

The feeder is designed to operate with 16 dB less noise when compared with other vibrator-style feeders, the company claims. Its footprint is less than 11 by 17 in., and it is 50 percent lighter than comparable feeders.

As the feeder operates, nuts are lifted by a magnet, unnecessary nuts are dropped by a wiper, and upside-down nuts are sorted out by a sorting blade. The unit works well with a variety of nut types, including square nuts, hexagon nuts, circular nuts, hexagon nuts with circular flanges, and T-shape nuts with circular flanges.

**Dengensha America Corp.**  
www.dengensha.com

## Dust extraction table includes slag discharge system




The Slagger dust extraction table from Kemper helps reduce downtime for automated cutting processes. During the cutting process, the system captures large quantities of cutting dust directly at the source. As it is divided into individual segments, the system extracts dust only in those places where the cutting is

taking place, not along the entire table, to help reduce energy costs.


The patented, integrated slag discharge system moves underneath the material support with a rack-and-pinion drive across the entire length of the table, collecting slag and small parts before the shield. At the end of the table, the system discharges this directly into a stand-alone container, which can be emptied in a few minutes while cutting continues.

The table protects workers by keeping hazardous substances out of the ambient air and ensuring workers do not touch hazardous substances while cleaning. Fine dust no longer settles on nearby machinery, which means that the extraction system also contributes to the service life of the machines.

**Kemper America Inc.**  
www.kemperamerica.com




**MIDWEST MATERIALS**  
*Steel Service Center*



# TOGETHER

WE ARE STRONGER THAN STEEL®




### Stretch Leveler

Providing unmarked, flat, memory-free, laser quality steel up to 5/8" thick and 100" wide.



### Customer Focused

Our experienced team is dedicated to exceeding your expectations.




### Quality Driven

Our extensive inventory, state-of-the-art equipment and knowledgeable team offer the highest quality product.



ASSOCIATION OF STEEL DISTRIBUTORS

ASD is proud to announce  
Brian D. Robbins, CEO MidWest Materials  
**2017 STEEL MAN OF THE YEAR**



Tel: 440-259-5200 • Fax: 440-259-5204  
3687 Shepard Road • Perry, Ohio 44081 • www.midwestmaterials.com