

robo-kut

5 AXIS BEVEL HEAD

The AKS Cutting Systems **robo-kut** is the leading beveling system in the plasma cutting industry, offering world-renowned accuracy and precision.

Unlike competitive plasma bevel heads, the AKS robo-kut can produce a ½" : 1" ratio for hole diameter : thickness, superior to competitive machines which are limited to the traditional 1" : 1" ratio.

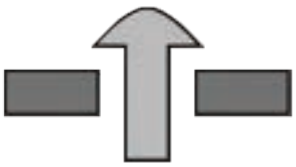
Patent-Protected aks United States

Protected by multiple USA patents for cutting application of angling the bevel head to eliminate taper and for bevel head automatic calibration.

The AKS **robo-kut** is designed with robotic style precision gearing that can be incremented in arc-seconds, or fractions of degrees, for the tightest precision and accuracy in the industry.

The AKS **robo-kut** allows for up to +/- 55 degree cutting for A, V, K, X, top & bottom Y style bevel cuts.

Precision Plasma Hole Cutting



1:1 Standard



1/2:1 AKS robo-kut

Weld Prep Plasma Cutting



Top Bevel (V)



Top Y



X Bevel



Bottom Bevel (A)



Bottom Y



K Bevel

Manufactured & Engineered by: aks CUTTING SYSTEMS



The AKS robo-kut includes these standard features:

- Robotic-style precision gearing to produce smooth and accurate motion for cutting small holes and minimizing taper associated with plasma cutting
- Machined solid billet aluminum block without weldments or stamped parts
- Compact high-tech design weighing less than 50 lbs
- Magnetic Breakaway Head to prevent damage upon crash
- Unlimited Torch Lead Wind-Up with no repositioning required
- Patented Automatic Calibration Set-Up Routine to ensure repeatability
- Servo-controlled Torch Height Control (THC) to automatically set torch height
- Hypertherm ProNest Bevel Machine Interface, Bevel Machine Post Processer, and True Bevel™ Software
- Modules 3-day Advanced Bevel Training

The AKS **robo-kut** can be installed on the AKS **accu-kut** or the AKS **dura-kut**. Upgrade your standard high-definition plasma straight torch to a fully programmable 5 axis Bevel Head for:

Beveling | Countersinking | Weld-prep cuts | 1/2" : 1" holes

robo-kut for accu-kut



robo-kut for dura-kut



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