

tube-kut

The **AKS Cutting Systems “tube-kut”** is one of the **most valuable optional accessories** for fabricators, providing the **most flexibility** to handle **both flat plate cutting and tube/pipe cutting**.

The **AKS “tube-kut”** provides an integrated **rotary axis**, mounted to the side of the machine and controlled by the CNC Controller, which **rotates and indexes the tube/pipe as the plasma torch cuts shapes & profiles in the tube wall**.

The **AKS “tube-kut”** includes these standard features:

- machine tool standard servo-controlled **rotary axis** and **headstock chuck**
- **3 or 4 jaw chuck** and **manual clamping system**
- servo-controlled **THS – Torch Height Control**
- servo-controlled **AKS “robo-kut” miter axis with +/-45 degrees (optional)**
- Hypertherm **“Rotary Tube Pro”** Software Module
- Quantity two (2) square/round tube/pipe supports
- **AKS 2-day “Advanced Tube/Pipe Cutting Training”**

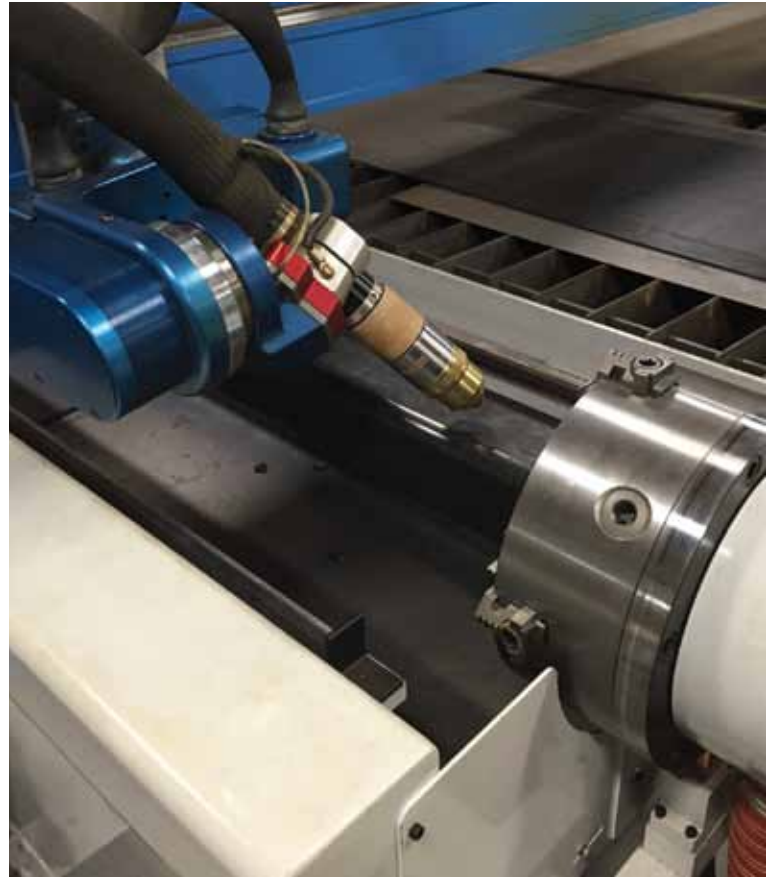
The **AKS “tube-kut” for “accu-kut”** offers:

- 2ft wide processing area
- up to 20 ft long tube or pipe
- up to 8”x8” standard rectangular or square tube
- up to 10.75” OD round pipe
- maximum weight 500kg (1200lb)

The **AKS “tube-kut” for “dura-kut”** offers:

- 4ft wide processing area
- up to 20ft long tube or pipe
- up to 12”x12” standard rectangular or square tube
- 2” – 24” OD round pipe
- maximum weight 1500kg (3300lb)

The **AKS “tube-kut”** is perfect for shops that need the **versatility, flexibility and production of both flat plate and pipe & tube cutting** in a single system. This simple **“tube-kut”** system greatly **increases flexibility**, while **saving floor space** and **capital investment**, compared to a dedicated pipe & tube cutting system.



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CUTTING SYSTEMS



- rectangular tube 4" x 7" x 3/16" thick mild steel
- utilizes AKS "robo-kut" and "tube-kut"
- cut with HPR130XD
- at 190"/min cutting speed
- cycle time 3 mins, 45 secs



- 2", 4", 6" OD mild steel pipes
- 6" OD large pipe with two countersunk holes for 2" & 4"
- pipe fittings cut with weld-prep bevel for welded assembly
- utilizes AKS "robo-kut" and "tube-kut"



- 8" dia. round schedule 40 pipe
- 3/8" wall thickness mild steel
- utilizes AKS "robo-kut" and "tube-kut"
- two semi-circle sections cut away
- 110"/min cutting speed using HPR260XD
- cycle time 88 secs



- square tubing 6" x 6" x 3/16" thick mild steel
- utilizes AKS "robo-kut" and "tube-kut"
- cut with HPR130XD
- 190"/min cutting speed
- cycle time 2 mins, 55 secs
- 4 bolt-hole pattern around center
- both edges coped and contoured



- 1" OD x 0.25" wall mild steel A513 Type 5 pipe
- 1/4" wall thickness
- 1" dia. holes and 1/2" dia holes
- ends coped for fitting connection
- utilizes AKS "robo-kut" and "tube-kut"
- 150"/min cutting speed using HPR260XD
- cycle time 30 secs



"accu-kut"

The AKS "tube-kut" can be installed on either AKS "accu-kut" or the AKS "dura-kut" models.

The AKS "tube-kut" allows users to compliment their flat plate cutting capability by having **both flat plate and tube/pipe cutting capability.**

Fabricators can **combine** cutting processes for **plate & tube** for the **most efficient and effective plasma cutting system.**



"dura-kut"



A TRADITION IN EXCELLENCE
FOR OVER 100 YEARS

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