

# HEM<sup>®</sup> SAW

— The saw that cuts straight. —

# KTC-70EH



## High-Speed Circular, CNC Carbide Sawing Machine

Capacity: 0.314 – 2.362" W x 0.314 – 2.362" H (Square) • 0.314 – 2.755" (Round)

Blade: Ø285 x 2.0 t / Ø315 x 2.25 t mm TCT Carbide Tipped / Ø325 x 2.0 t~3.0 t mm HSS High-Speed Steel

Motor: 15 HP (208-240V, 50/60 hz, 3-Phase) • Hydraulics: 3 HP

## Control Console w/ Touch Screen

High-resolution, color touch screen on console provides easy viewing when setting machine & cutting functions.



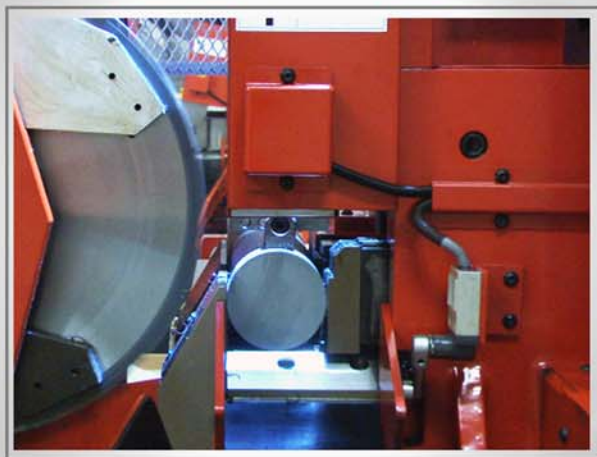


## Servo Drive Motor

Saws have servo drives for feeding the saw head allowing for dynamic entry and exit speeds to extend blade life and eliminate burrs.

## Hard-Plumbed Hydraulics

Hard-Plumbed Hydraulic System provides a more consistent and stable output.

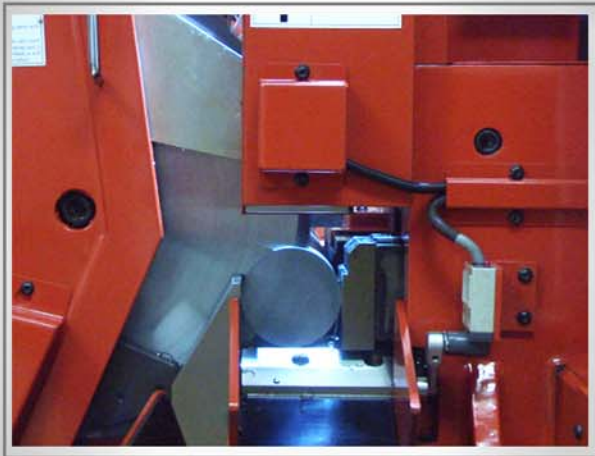


## Horizontal & Vertical Vise

The saw vise has both horizontal and vertical clamping to ensure stability and accuracy during the cut.

## Mist & Flood Coolant

The saw includes both Mist and Flood Coolant to accommodate carbide tooth or high speed steel blades.



## Adjustable Blade Speed

Variable blade speed is adjustable from 20-180 rpm to cut various materials.

## Magnetic Power Brake & Fan

A Magnetic Power Brake and Fan reduces backlash and vibration resonance for a smoother cut and longer blade life.





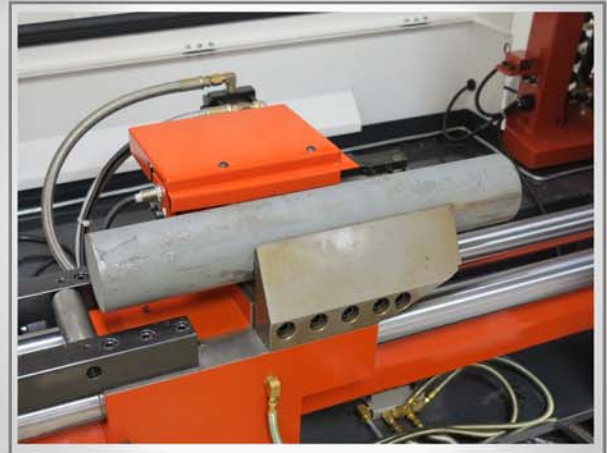
## Chip Removal

An Air Gun and Chip Conveyor come standard for chip removal.



## Automatic Work Piece Loader

An Automatic Work Piece Loader is standard for handling and positioning of material before the cut.



## Automatic Product Sorting

Trim cuts are separated automatically from the good cuts with Automatic Product Sorting.

## Control Panel

The touch screen provides real time monitoring and system diagnostics for easy troubleshooting.

I/O TEST INPUT	I/O TEST INPUT 1	I/O TEST OUTPUT	MAIN MENU
X0:SAW HEAD ORIGIN (LS1)	X24:SAW MOTOR OVERCURRENT DETECT	X25:MIST OIL LEVEL LOW DETECTED	X26:OIL MIST FILTER OVERLOAD(OL7)
X1:SAW HEAD BACKWARD LIMIT (LS2)	X27:RESERVE	X30:LUBRICANT OIL LEVEL LOW	X31:GFC SERVO DRIVER FAULT
X2:SAW HEAD FORWARD LIMIT (LS3)	X32:SAW HEAD SERVO DRIVER FAULT	X33:SAW MOTOR OVERHEAT DETECTED	X34:MAIN VISE PRESSURE DETD(VPS2)
X3:GFC BACKWARD POSITION (LS4)	X35:SAW MOTOR OVERHEAT DETECTED	X36:ATR PRESSURE DETD(VPS1)	X38:GFC MCR-OPEN & CLAMP DETD(LS8)
X4:GFC FORWARD LIMIT(LS5)	X37:BAR DETECTED(PRX2) SPEED DOWN	X40:MOVE VISE(AXISS) ORIGIN (LS13)	X41:MOVE VISE BWD LIMIT (LS14)
X5:GFC BACKWARD LIMIT(LS6)	X38:GFC MCR-OPEN & CLAMP DETD(LS8)	X42:MOVE VISE FWD LIMIT (LS15)	X43:MOVE VISE(Axis 3) SERVO ERROR
X6:GFC ORIGIN (LS7)	X39:OPERATION STOP(PR2)NO	X44:MOVE VISE PRESSURE DETD(VPS3)	X45:MOVE VISE PLATFORM(LS16)
X7:CROP LENGTH COUNTING (PH1)	X40:SHIFT MANUAL MODE(COS1)	X46:MOVE VISE(UPPER) DETD(PRX3)	X47:RESERVE
X10:HYDRAULIC MOTOR START(MS1)	X41:SHIFT AUTO MODE(COS1)		
X11:SAW MOTOR START/STOP(PLB2)	X16:HYDRAULIC MOTOR START(PLB1)		
X12:AUTO OPERATION START(PLB3)	X17:EMERGENCY STOP(PB1)NC		
X13:OPERATION STOP(PR2)NO	X20:BAR DETECTED(PRX1) NO BAR		
X14:SHIFT MANUAL MODE(COS1)	X21:HYDRAULIC MOTOR OVERLOAD(OL1)		
X16:HYDRAULIC MOTOR START(PLB1)	X22:COOLANT MOTOR OVERLOAD(OL3)		
X17:EMERGENCY STOP(PB1)NC	X23:CONVEYOR MOTOR OVERLOAD(OL5)		



## Optional Stroking Front Vise

An Optional Stroking Front “Outboard” Vise can be added to Reduce Remnant Lengths.

**Other Available Options:** Bundle Loader

# HEM<sup>®</sup> SAW



**Band Saws • Material Handling • Metalworking Fluids  
Custom Applications • Factory Service Department • Fast-Available Parts**



**Horizontal Pivot**



**Horizontal Miter**



**Vertical**



**Dual Column**



**Wide Flange**

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