



JIH-I MACHINERY

JIH-CNC MACHINING CENTER SERIES



JIH-18DB
24DB



JIH-14A
CE cover (optional)

JIH-I NC24L
AUTOMATIC
SAWING
MACHINE



Specially designed cutting way: After the sawblade moves forward for cutting, table moves to right and left for retracting 2mm. Then the sawblade return to its home position. This special design may avoid return-cutting, while ensuring fine surface of cut and cutting accuracy.

JIH-24 SERIES SAWING MACHINE



JIH-18 D TYPE



JIH-20



JIH-20 /
24 L TYPE

Hydraulic
Feeding
System
(optional)



JIH-24 C

Worktable retract system (optional)



KINKELDER

TCT COLD SAW BLADES FOR FLYING CUTTING OFFLINE & OFFLINE CUTTING MACHINE

OFFLINE CUTTING : Available Cx1 to Cx7 suit different applications



TUBEMASTER

Key features of the TubeMaster saw blade are fracture-resistant carbide tips, protected with a high-tech TiAlN-based PVD coating. Combined with a light cutting geometry, which eases chip removal, a milled like surface finish is assured. This geometry also reduce vibration when cutting thin wall tubing (<4mm), there by achieving excellent blade life.



SCARFMASTER

Scarf Master is a PVD coated carbide tipped saw blade featuring a very specific tooth-geometry while tips themselves are made of a highly shock resistant type of carbide. The teeth are supported by a saw body with extra strong shoulders, which give the combination tooth/body very high stability and fracture resistance and therefore extended blade life.



SPEEDMASTER

SpeedMaster is a TCT saw blade for flying cut-off applications on tube mills. It provides an opportunity to greatly increase the tube manufacturing line speeds and cut the production costs. Where cutting speed limits of coated HSS saw blade have been reached, SpeedMaster saw blades provide an effective solution.



PRODUCT RANGE

CIRCULAR SAWING MACHINES (FOR TUBE & SOLID BAR)

- ❖ SEMI AUTO
- ❖ AUTOMATIC
- ❖ HIGH SPEED CUTTING FOR SOLID BAR (FULLY AUTOMATIC)
- ❖ CNC

CIRCULAR SAWING MACHINES FOR NON FERROUS METAL

- ❖ SEMI AUTO
- ❖ FULLY AUTO
- ❖ AUTO
- ❖ CNC MACHINING CENTRE

TUBE & ROD END FINISHING (CHAMFERING/DEBURRING/LENGTH MEASURING)

- ❖ SINGLE TUBE END & SOLID BAR CHAMFERING
- ❖ DOUBLE TUBE ENDS CHAMFERING + NC CONTROL

WIRE BRUSH DEBURRING MACHINE FOR TUBES

TUBE BENDING MACHINE

- ❖ NC TYPE
- ❖ BOOSTER BENDER
- ❖ ALL ELECTRIC BENDER
- ❖ CNC THREE TO MULTI AXIS
- ❖ AUTO SERIES
- ❖ LEFT & RIGHT TUBE BENDER

SAW BLADE SHARPENING MACHINE FOR CIRCULAR SAW BLADE

HSS CIRCULAR SAW BLADE

TCT COLD SAW BLADES FOR FERROUS & NON FERROUS METAL

RAVIK ENGINEERS PRIVATE LIMITED

HEAD OFFICE :

111/9, KISHANGARH, ARUNA ASAF ALI MARG,
OPP. B - 4 VASANT KUNJ, NEW DELHI - 110 070
TEL. : 91-9310272262, 41012619, 47085769

E : abhinav@ravikengineers.com, info@ravikengineers.com, marketing@ravikengineers.com W : www.ravikengineers.com, www.ravikengineers.net

HSS SAW BLADES RESHARPENING FACILITY ON CNC MACHINE AVAILABLE AT : GURUGRAM, CHENNAI, HOSUR, PUNE & KOLKATA

GURUGRAM :

SHED NO. 10, TYPE 'C' UDYOG VIHAR, PHASE-V
GURUGRAM - 122016 HARYANA, INDIA
TEL. : 0124 - 4004680



CIRCULAR COLD SAWING MACHINE

HVS-375AC / HVS-400AC

Air Lifting System
for Angle Cut Setting

SEMI AUTO

FA-111DR / FA-127DR

Digital Display of
Feeding length and
Programmable Counter

AUTOMATIC

SUITABLE FOR TUBE & BAR CUTTING CAPACITY

○ Round Tube	Ø 125
□ Square Tube	125 x 125
● Solid Round Bar	Ø 100
■ Solid Square Bar	90 x 90

SOCO TUBE BENDERS

1. NC / NCMP TYPE
2. CNC 3 TO MULTI AXIS
3. BOOSTER BENDER
4. DOUBLE BENDER

SB-39X4A-3SV+Punching

CNC tube bender with capacity up to Ø38.1mm, Draw and Roll bending, 4 electric axes and 3 stacks of tooling. Equipped with "Punching" function.



THE ADVANTAGE OF S-DGT

- Chain free transmission
- Built-in gearbox with direct connection to electric servo
- Highest transmission performance (90%+ efficiency)
- High bending accuracy ($\pm 0.05^\circ \sim \pm 0.1^\circ$)
- Low noise level
- Maximum Working Area = Minimal Interference
- Elongated neck for superior clearance
- Compact bending head
- Side carriage and bending head

BENDING EXAMPLE



HIGH SPEED SOLID BAR SAWING MACHINES SAWING CAPACITY UP TO 160 MM



SOCO
Global Patent
The Shortest Crop
Lengths - 25mm + α
Unique Loader -
Bundle Loading Magazine (MBL-6)

U type (TCT + HSS)
NF / NFA type
(Non-Ferrous / Aluminium)



SAVING & PRODUCTION

• 25MM + α : The shortest crop length of any machine available in the market

Example :

Material = Mild Steel Bar, O. D. = 30 mm
Cutting Length = 20 mm Weight = 200 grams / part
Trim = 10 mm, Cycle Time = 4 second / per piece

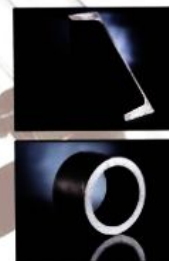
With SOCO 25mm Last Crop vs. Others 60mm Last Crop

Extra Cuts per 6 Meters Stock	2 Cuts
Extra Output per Day	147 Piece
Extra Output per Year	29,400 Pieces
Saving in Crop Waste (Weight)	5.88 Tons



AC / SERIES MC-276A/MC-316AC/MC-370AC

Sawing Machines with
Mitre Cutting Pneumatic and
Hydro Pneumatic
Operation



CUTTING EXAMPLE

SAW BLADE SHARPENING MACHINE

GRINDING TOOTH FORM

	Tooth Form
A	
B	
C	
BW	



Also available CNC-CBN saw blade sharpening machine, chip breaker slot grinding machine & Automatic chamfering.

TUBE END / ROD END FINISHING MACHINES



FULLY AUTO



BRUSH DEBURRING Extreme Speed Double Tube Ends Deburring



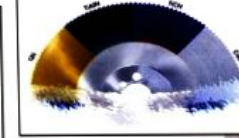
Ø 12 - Ø 76 Length 150 - 4500mm



Note: Air Cleaning (Internal + External)

KINKELDER

HSS CIRCULAR SAW BLADES



HSS CIRCULAR SAW BLADES COATED & UNCOATED



DEF TYPICAL OPERATIONS



Chamfering double inside, outside and face ends of tubing and pipe

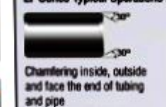
Solid bar outside chamfering (Centering by request)

Radius Chamfering

SEMI AUTO MODEL

SUITABLE FOR : Internal / External
Chamfer & Facing on Tube and Facing,
Centering & Chamfering on End of Rod.

EF Series Typical Operations :



Chamfering inside, outside and face the end of tubing and pipe

Solid bar outside chamfering (Centering by request)

Radius Chamfering

