



CNC HIGH SPEED CIRCULAR SAWING MACHINE

Item Numbers 9684482 & 9684483



FEATURES

ADVANTAGES

BENEFITS

FEATURES	ADVANTAGES	BENEFITS
Solid heavy duty cast iron construction	Provides maximum rigidity and vibration dampening properties required for high production applications	<ul style="list-style-type: none"> • Higher efficiency • Improved cutting performance • Lower maintenance costs • Longer blade life • Quieter operation • Lower cost per cut
45 Degree slant bed approach of saw head	<ul style="list-style-type: none"> • Saw head is fed into the workpiece by a servo driven precision ball screw • The blade then pivots and travels at the optimum cutting angle to the workpiece minimalizing vibration and the chip load on the blade is constant reducing blade fatigue 	<ul style="list-style-type: none"> • Higher efficiency • Improved cutting performance • Lower maintenance costs • Longer blade life • Quieter operation • Lower cost per cut
Secure clamping of the workpiece	<ul style="list-style-type: none"> • The workpiece is securely clamped on both sides and the top • Reduces vibration and movement during the cutting process 	<ul style="list-style-type: none"> • Improved cutting performance • Longer blade life • Greater workpiece finish • Lower maintenance costs
Advanced powertrain designed gear box with hardened and ground gears	High tolerance gear reducer minimizes backlash eliminates vibration	<ul style="list-style-type: none"> • Greater accuracy • Quieter operation • Longer blade life • Superior cut finish
Multi-point precision blade guides	Ensures maximum blade support and alignment	<ul style="list-style-type: none"> • Delivers consistent accurate square cuts • Maximizes blade performance • Delivers longer blade life • Reduces cost per cut
CNC LCD touch screen programmable control system	<ul style="list-style-type: none"> • CNC system is seamlessly integrated into the entire automation process • Easily and simply with the touch of a finger controls the saw head feed, part feed movement, vise activation, coolant and all relevant operations 	<ul style="list-style-type: none"> • Increased operator convenience • Increased efficiency • Increased productivity • Cuts faster reducing time per cut • Increases through put • Lowers cost per cut
Hydraulic controlled power chip brush	Aids in the removal of chips from the blade and work area	<ul style="list-style-type: none"> • Maximizes blade performance • Aids in the accuracy and finish of the cut
Mist coolant system	Most effective way to lubricate the carbide blade	<ul style="list-style-type: none"> • Longer blade life • Maximizes workpiece finish
Safety electrical package	<ul style="list-style-type: none"> • Thermal overload protection with magnetic starter • Spring loaded 24 volt trigger switch • Emergency stop button 	Greater operator safety



CNC HIGH SPEED CIRCULAR SAWING MACHINE

Item Numbers 9684482 & 9684483



FEATURES	ADVANTAGES	BENEFITS
Material feeding system with hydraulic floating saddle	Material is feed into the saw via servo motor and precision ball screws and is supported by a floating hydraulically cusioned saddle delivring precision movement and positioning to the blade	<ul style="list-style-type: none"> • Greater efficiency and accuracy • Increased productivity • Lower cost per cut
Material seperation system	Discharge chute automatically seperates trim and remants from finished cut parts	<ul style="list-style-type: none"> • Increased throughput • Improved efficiency • Greater operator convenience
Material infeed roller table loader	Allows operator to load mulitple pieces of bar stock to be fed into the saw	<ul style="list-style-type: none"> • Reduces set up time • Increases through put • Greater opeator convenience • Lower cost per cut
Automatic chip conveyor	Effectively removes chips from the saw	<ul style="list-style-type: none"> • Greater operator convenience • Lower maintenance costs • Cleaner and safer work area
High RPM with minimal kerf and swarff	<ul style="list-style-type: none"> • Cutting operation from 7 to 50 seconds depending on size and type of material • Surface finsih from 40 - 80 RMS 	<ul style="list-style-type: none"> • Cuts more parts per hour and per blade than a standard production bandsaw • Throughput is equal to 3 production bandsaws • Ideal for high production applications • Delivers lowest cost per cut