



ONE CARBIDE SAW DOES THE WORK OF FIVE CONVENTIONAL FACTORY BAND SAWS, WITHOUT SACRIFICING QUALITY.

GET THE CLOSE-CUT OFF, LENGTH TOLERANCE, SQUARENESS, AND FINISH OF CUT THAT YOUR CUSTOMERS DEMAND.

HIGH SPEED CIRCULAR SAWING MACHINES



CIRCULAR MACHINES > AUTOMATIC > CARBIDE TIPPED BLADE

- O° cuts, suitable for ferrous & non-ferrous metals ■
- solid structural section round / square / rectangular, hollow tubes



STANDARD FEATURES

- Mitsubishi PLC Controller allows for 200 programs to be saved.
- Job monitoring with cycle time, job duration, parts count, and tool life
- Comprehensive US steel grades menu with ability to add custom material grades
- Bar feed features a material gripper feed carriage indexing via ball screw and AC servo drive
- Heavy duty saw head is driven by ball screw and AC servo drive
- · Mist exhaust
- Bar retracts automatically for contact free return stroke of the saw blade
- Bar Loader with safety guard sheets provides inclined storage width of 28.7" (730 mm) for rounds
- PLC controller, automatic oil lubrication of all moving parts
- Output sorting ensures trim cuts and remnant pieces are sorted automatically from good parts
- Variable vise pressure control with dial gauge two stations
- · Remote monitoring of PLC
- Blade lubrication features triple jet system to lubricate blade tip and sides

- Hydraulic rotating wired chip brush rotates in both directions for proper chip removal
- · Status indicating tower
- · Chip auger
- · Air cooled electric magnetic particle clutch
- · Built in hydraulic tank and power pack
- · Tool steel hardened saw guide plates
- Power transformer
- · Four blade starter package

OPTIONAL FEATURES

- · Auto bar loader for non-rounds
- · PLC program change
- · Air moisture separator
- · Bundle loaders max weight 2 tons
- · Magnetic chip conveyor
- Track chip conveyor
- Maintenance Kit
- Long cut bar out feed motorized conveyor table in the following lengths - 1000 mm, 2000 mm, and 3000 mm

CSNC-65 CSNC-80

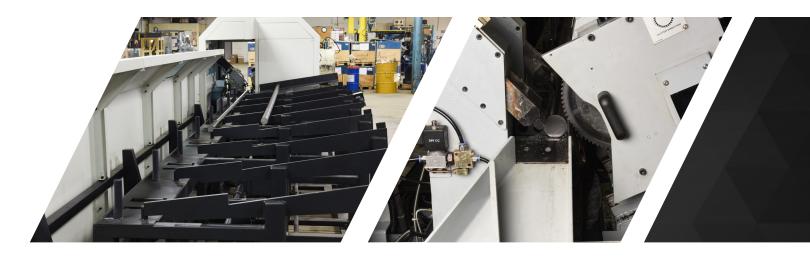


DESIGNED FOR SAFETY

The HYDMECH CSNC Series is designed for the safety of the operator. The entire sawing area and bar feed are protected guards and doors are protected by safety interlocks. The automatic bar loader is also guarded along the front side.

OPTIMIZING TOOL LIFE

The fabricated head, motor, and direct drive gear box are mounted on linear bearings on a slanted bed for vibration free cutting to optimize production and tool life. The linear rails are lubricated automatically by the central lubrication system allowing for long service life. An air cooled electro-magnetic powder brake eliminates backlash at the moment the blade makes first contact with the work piece. The saw head feed motion is controlled by Ball Screw & Servo Motor programed through the PLC.







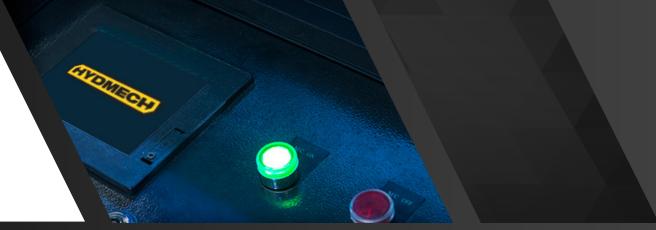


CONTACT FREE BAR ENTRY

After the cut and before the saw blade returns using the blade saver feature, the cut piece moves forward and the raw material moves backward. No scratches or marks are left on the work piece to ensure a smooth cur surface. The 40" multi-indexing gripper feed is mounted on linear bearings and is driven by a servo motor. The new bar entry into the main vise is contact free by hydraulically lifting the bar in shuttle in the horizontal and vertical direction insuring a free entry of distorted material or with burrs (CSNC-65 & CSNC-

Sawing conditions can be optimized with output maximized. The controller reduces the set up time and eliminates the need for a skilled operator with sawing experience.

Increase production rates, lengthen tool life and achieve high quality of cuts via the NC control, rather than a machine operator. Machine set up consists of setting blade RPM, and chip load per tooth. This calculation will relate to a cut time that is maintained by the machine via servo motors and CNC controls. The saw head and bar feed gripper are ball screw driven via servo motors.





CSNC-100 CSNC-125

CSNC-150 CSNC-175 CSNC-200



STANDARD FEATURES

- Mitsubishi PLC Controller allows for 200 programs to be saved.
- Job monitoring with cycle time, job duration, parts count, and tool life
- Comprehensive US steel grades menu with ability to add custom material grades
- Bar feed features a material gripper feed carriage indexing via ball screw and AC servo drive
- Heavy duty saw head is driven by ball screw and AC servo drive
- Mist exhaust
- Bar retracts automatically for contact free return stroke of the saw blade
- Bar Loader with safety guard sheets provides inclined storage width of 55" (1400mm) for rounds
- PLC controller, automatic oil lubrication of all moving parts
- Output sorting ensures trim cuts and remnant pieces are sorted automatically from good parts
- Variable vise pressure control with dial gauge two stations
- Remote monitoring of PLC

- Blade lubrication features triple jet system to lubricate blade tip and sides
- Hydraulic rotating wired chip brush rotates in both directions for proper chip removal
- Status indicating tower
- · Chip auger
- Air cooled electric magnetic particle clutch
- Built in hydraulic tank and power pack
- Tool steel hardened saw guide plates
- Power transformer
- Air moisture separator
- Cooling nozzle
- Four blade starter package

OPTIONAL FEATURES

- Auto bar loader for non-rounds
- PLC program change
- Bundle loaders max weight 4 tons
- Magnetic chip conveyor
- Track chip conveyor
- Maintenance kit
- Long cut bar out feed motorized conveyor table in the following lengths - 1000 mm, 2000 mm, and 3000 mm

QUALITY AND COST PER CUT ADVANTAGES

VERSATILE SAWING MACHINES

- The CSNC machines can use carbide tipped blades, thin kerf cermet blades and HSS saw blades for superior versatility
- Quick and easy set up of cutting parameters, the CSNC machines deliver high cutting performance on a wide variety
 of material types including tubing, extruded shapes and solid bars. These machines cut 4 to 5 times faster than a
 conventional band saw with a clean surface finish that seldom requires a secondary operation.
- The machines have a five piece carbide blade guide set up. Two pairs above and below the point of the cut, and one single guide located at the rear of the saw blade to maintain blade flatness. The blade guides are factory pre-set and do not need any operator adjustment.

TOOL MANAGEMENT PROGRAM

The HYDMECH CSNC Series PLC has a tool management program. Tool data management records all cutting data of the blade being used. It displays running time in hours, cutting life in square cm or square inches, amperage draw, and cutting performance in cm²/mm.

The PLC displays cut time, cycle time and expected end of the current cutting job. The split screen display shows both metric and imperial.

AUTOMATIC LUBRICATION

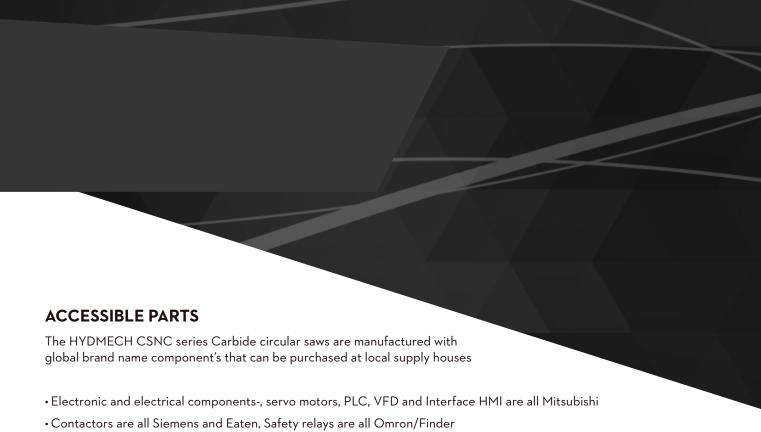
All moving parts on the machine are automatically lubricated at pre-set time intervals. This provides a longer life to all moving and wear parts of the machine. It also eliminates the need for any plant maintenance.

If the oil reservoir becomes empty or the oil pressure is low, the machine will sound an alarm.

PRODUCTIVITY EXAMPLES OF CSNC CIRCULAR SAWING MACHINES

MODEL	DIA (MM)	CUTTING TIME (SEC)	NUMBER OF CUT PIECES/HOUR*
CSNC-65	40	3.7	415
CSNC-80	80	8.6	230
CSNC-100	100	13.4	180
CSNC-125	125	21.06	128
CSNC-150	150	30.27	100
CSNC-175	175	41.21	75
CSNC-200	200	53.8	60

^{*}Conditions apply. Material considered C-35 normalized, cut length consider - 100mm



- Mechanical- Ball Screws and linear bearings are all HIWIN
- Hydraulics- Valves and power pack are all Vickers





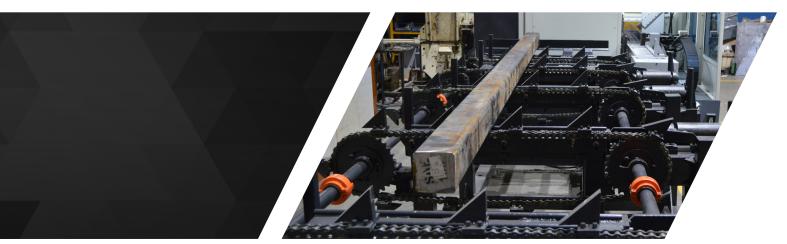
LOADING TABLE SAVES TIME

The inclined loading table is designed to work in fully automatic cycle.

After a bar length has reached the remnant end, the loading table will introduce a new bar on the in feed conveyor. The gripper vise will locate bar and feed it to the trim cut position. During this cycle the remnant end is discharged into a scrap bin, and the trim cut is made and also discarded into a scrap bin. The machine will then feed to proper cut length and continue production. The machine will continue to cycle as long as bars remain on the table or until a pre-determined number of cuts are made.

The bar feed and stationary fixed vises hold the material on three points by the use of hydraulically operated 45 degree vise jaws. The bar feed is operated by a ball screw with servo motor, on linear Hiwin bearings and rails.





SPECIFICATIONS

	_	CSNC-65	CSNC-80	CSNC-100	CSNC-125	
Cutting Capacity Round	90°	0.4"- 2.55" / 10-65 mm	0.4"- 3.15" / 10-80 mm	1" - 4" / 25 - 100 mm	1" - 5" / 25 - 125 mm	
Cutting Capacity Square	90°	0.4" - 1.96" / 10-50 mm	0.40" - 2.36" / 10-60 mm	1" - 3.15" / 25 - 80 mm	1" - 3.54" / 25 - 90 mm	
Blade Drive	J , , .		15 HP / 11 kW	20 HP / 14.7 kW	25 HP / 18.3 kW	
Blade Speed		164-656 SFM / 50-200 MPM	164-656 SFM / 50-200 MPM	164-656 SFM / 50-200 MPM	164-656 SFM / 50-200 MPM	
Blade Size		Carbide/ Cermet tipped: 250mm x 2.0 mm kerf	Carbide/ Cermet tipped: 285mm or 315mm x 2.0 mm kerf	Carbide/ Cermet tipped: 360 mm or 380mm x 2.6 mm kerf	Carbide/ Cermet tipped: 420mm or 460mm x 2.7 mm kerf	
Bar Stock Length		10'-20' / 3-6 m	10'-20' / 3-6 m	10'-20' / 3-6 m	10'-20' / 3-6 m	
Trim Cut		Zero or programmable from O.4" (10 mm) or longer	Zero or programmable from 0.4" (10 mm) or longer	Zero or programmable from O.4" (10 mm) or longer	Zero or programmable from O.4" (10 mm) or longer	
Cut Off Length		Min 0.23"(6 mm) up to 1.64" (500 mm) length with multi-index	Min 0.23"(6 mm) up to 3.28" (1000 mm)length with multi-index	Min 0.39"(10 mm) up to 3.28" (1000 mm) length with multi-index	Min 0.39"(10 mm) up to 2.28" (1000 mm) length with multi-index	
Single Stroke		20" / 508 mm	40" / 1016 mm	40" / 1016 mm	40" / 1016 mm	
Remnant Length		1.57" / 40 mm + cut length	3.14" / 80 mm + cut length	3.54" / 90 mm + cut length	3.54" / 90 mm + cut length	
Hydraulic Motor		3 HP / 2.2 kW	3 HP / 2.2 kW	3 HP / 2.2 kW	3 HP / 2.2 kW	
Bar Loading Magazine		inclined storage width of 28.7" (730 mm) for rounds	inclined storage width of 28.7" (730 mm) for rounds	inclined storage width of 55" (1400 mm) for rounds	inclined storage width of 55" (1400 mm) for rounds	
Bar Loader Capacity		2,000 kg / 4,400 lbs	2,500 kg / 5,500 lbs	5,000 kg / 11,000 lbs	6,000 kg / 13,220 lbs	
Weight	Weight		6,613 lbs / 3000 kg	8,818 lbs / 4000 kg	9,920 lbs / 4500 kg	
Dimensions	Width	98" / 2489 mm	98" / 2489 mm	108" / 2743 mm	108" / 2743 mm	
	Length	70" / 1778 mm	100" / 2540 mm	100" / 2540 mm	100" / 2540 mm	
Height						
	Height	72" / 1829 mm	75" / 1905 mm	80" / 2032 mm	80" / 2032 mm	
	Height	72" / 1829 mm CSNC-150	75" / 1905 mm CSNC-175	80" / 2032 mm CSNC-200	80" / 2032 mm	
Cutting Capacity Round	Height 90°		·		80" / 2032 mm	
Cutting Capacity Round Cutting Capacity Square		CSNC-150	CSNC-175	CSNC-200	80" / 2032 mm	
0 1 7	90°	CSNC-150 2" - 6" / 50 - 150 mm	CSNC-175 3" - 7" / 76 - 175 mm	CSNC-200 3" - 8" / 76 - 203 mm	80" / 2032 mm	
Cutting Capacity Square	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm	80" / 2032 mm	
Cutting Capacity Square Blade Drive	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW	80" / 2032 mm	
Cutting Capacity Square Blade Drive Blade Speed	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5	*6 and 12 m optional	
Cutting Capacity Square Blade Drive Blade Speed Blade Size	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78"(20 mm) up to 1000 mm &	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm &	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78"(20 mm) up to 1000 mm &		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length Single Stroke	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78"(20 mm) up to 1000 mm & higher with multi-index 40' / 1016 mm		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length Single Stroke Remnant Length	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40' / 1016 mm 4.72" / 120 mm + cut length		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length Single Stroke Remnant Length Hydraulic Motor	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55"	GSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55"	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40' / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55"		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length Single Stroke Remnant Length Hydraulic Motor Bar Loading Magazine	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40' / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length Single Stroke Remnant Length Hydraulic Motor Bar Loading Magazine Bar Loader Capacity	90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds 7,500 kg / 16,535 lbs	GSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds 9,000kg / 19,800 lbs	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40' / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds		
Cutting Capacity Square Blade Drive Blade Speed Blade Size Bar Stock Length Trim Cut Cut Off Length Single Stroke Remnant Length Hydraulic Motor Bar Loading Magazine Bar Loader Capacity Weight	90° 90°	CSNC-150 2" - 6" / 50 - 150 mm 1.18" - 5.11" / 30 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 460 mm or 520 mm x 2.7 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds 7,500 kg / 16,535 lbs 11,000 lbs / 5000 kg	CSNC-175 3" - 7" / 76 - 175 mm 1.96" - 5.11" / 50 - 130 mm 40 HP / 29.4 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 560 mm x 3 mm kerf 10'-20' / 3-6 m Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40" / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds 9,000kg / 19,800 lbs 12,100 lbs / 5,500 kg	CSNC-200 3" - 8" / 76 - 203 mm 1.96" - 5.9" / 50 - 150 mm 50 HP / 36.6 kW 164-656 SFM / 50-200 MPM Carbide/ Cermet tipped: 660 mm x 3.5 mm kerf 10'-40' / 3 m* Zero or programmable from 0.78" (20 mm) or longer Min 0.78" (20 mm) up to 1000 mm & higher with multi-index 40' / 1016 mm 4.72" / 120 mm + cut length 3 HP / 2.2 kW inclined storage width of 55" (1400 mm) for rounds 10,000kg / 22,050 lbs 14,770 lbs / 6,700 kg		

STANDARD BLADE CHART - CSNC MODELS									
MODEL	DIA (MM)	KERF THICKNESS	BODY THICKNESS	BORE	MIN. DIAMETER TO CUT	MAX. DIAMETER TO CUT	HOLES FOR DOWEL PINS		
CSNC-65	250 mm	2.0 mm	1.70 mm	32 mm	10 mm	65 mm	4/9/50		
CSNC-80	285 mm	2.0 mm	1.70 mm	32 mm	10 mm	55 mm	4/9/50		
	315 mm	2.0 mm	1.70 mm	32 mm	10 mm	80 mm	4/12/90		
CSNC-100	360 mm	2.6 mm	2.25 mm	40 mm	25 mm	100 mm	4/12/90		
	380 mm*	2.6 mm	2.25 mm	40 mm	25 mm	100 mm	4/12/90		
CSNC-125	420 mm*	2.7 mm	2.25 mm	50 mm	25 mm	120 mm	4/15/80		
	460 mm	2.7 mm	2.25 mm	50 mm	25 mm	125 mm	4/15/80		
CSNC-150	460 mm	2.7 mm	2.25 mm	50 mm	30 mm	150 mm	4/15/80		
	520 mm*	2.7 mm	2.25 mm	50 mm	30 mm	150 mm	4/15/80		
CSNC-175	560 mm	3.0 mm	2.50 mm	50 mm	50 mm	175 mm	4/15/80		
CSNC 200	650 mm	3.5 mm	3.0 mm	80 mm	50 mm	205 mm	4/15/80		



RELIABLE SAWS. RELIABLE PEOPLE.

877-276-SAWS www.HYDMECH.com

Dealer Information: