

Clausing Production Cold Saw

600 Group

*A Line of Affordable, Rugged Built,
Ferrous and Non-Ferrous Cutting
Production Circular Saws*



- Manual Cutting Machines
- Pneumatic Vise Cutting Machines
- Semi-Automatic Cutting Machines
- Automatic Cutting Machines

Clausing Kalamazoo Manual Ferrous Cutting Circular Saw

Features:

- 230v/460v/60/3 Electricals
- Trigger Operated On Off in Handle Grip
- Totally Enclosed Fan-Cooled Motor
- Enclosed Worm Gear Drive for Trouble-free Operation
- Two Speeds for Versatility
- Cast Iron Construction
- Self-Centering Vise with Angle Scale
- Head Rotates 45 Degrees Left and Right of Center
- Flood Coolant System
- Heavy Duty Sheet Metal Base
- Adjustable Stock Stop
- Tool Kit
- Circular Saw Blade
- Operation and Maintenance Manual
- Two (2) Year Limited Warranty

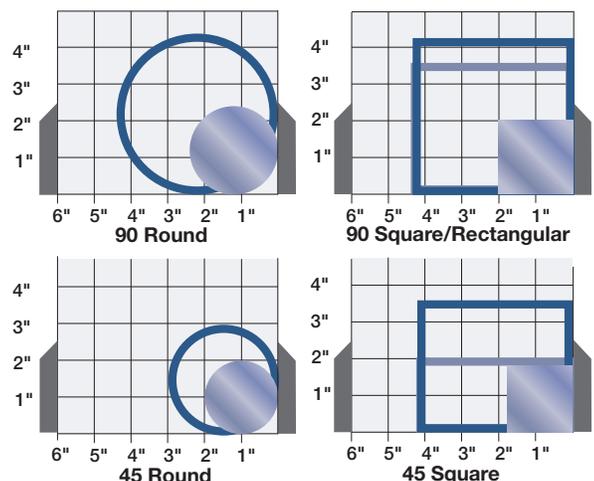
Specifications:

Model	FHC350D
Drive Motor	2/3 Hp (1.4/2.2kw)
Angles (left & right)	45°
Electricals	230v. or 460v. - 3ph
Control	110v.
Coolant	Standard
Spindle Speeds	26/52 rpm
Max. Blade Size	10-14" (250-350mm)
Max. Vise Opening	6" (152mm)
Recommended Cutting Capacity	
Round tube @ 90°	4.33" (110mm)
Round tube @ 45°	2.95" (75mm)
Square tube @ 90°	4.33" (110mm)
Square tube @ 45°	3.54" (90mm)
Rectangular tube @ 90°	4.33" x 3.54" (110 x 90mm)
Rectangular tube @ 45°	4.33" x 2" (110 x 50mm)
Round solid @ 90°	2.36" (60mm)
Round solid @ 45°	2" (50mm)
Square solid @ 90°	2" (50mm)
Square solid @ 45°	1.77" (45mm)
Dimensions	
Machine Dimensions LxWxH	55" x 41" x 75" (1400 x 1050 x 1900mm)
Shipping Dimensions LxWxH	30" x 42" x 60" (750 x 1060 x 1510mm)
Net Weight	660 lbs. (300kg)
Shipping Weight	792 lbs. (360kg)

Optional Equipment:

- 5 foot roller stock table
- 10 foot roller stock table
- 37" - 46" stock stand
- 1 gallon SAWZIT saw lubrication
- 5 gallon SAWZIT saw lubrication

Capacity Chart:



All specifications subject to change without notice or obligation.

Clausing Kalamazoo Pneumatic Vice Ferrous Cutting Circular Saw

Features:

- 230v/460v/60/3 Electricals
- Trigger Operated On Off in Handle Grip
- Totally Enclosed Fan-Cooled Motor
- Enclosed Worm Gear Drive for Trouble-free Operation
- Two Speeds for Versatility
- Cast Iron Construction
- Self-Centering Vise with Angle Scale
- Head Rotates 45 Degrees Left and Right of Center
- Flood Coolant System
- Heavy Duty Sheet Metal Base
- Adjustable Stock Stop
- Tool Kit
- Circular Saw Blade
- Operation and Maintenance Manual
- Two (2) Year Limited Warranty



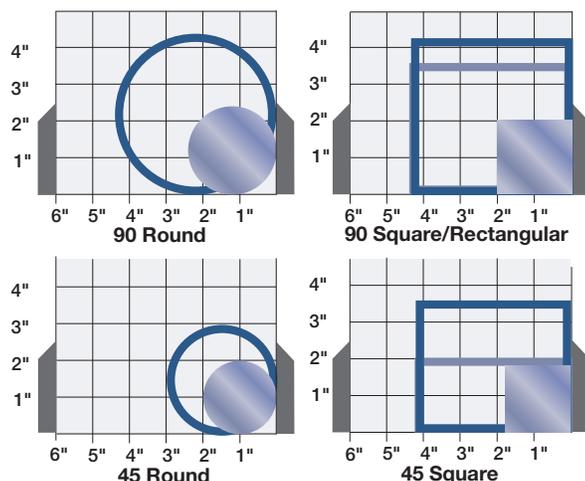
Specifications:

Model	FHC350P
Drive Motor	2/3 Hp (1.4/2.2kw)
Angles (left & right)	45°
Electricals	230v. or 460v. - 3ph
Control	110v.
Coolant	Standard
Spindle Speeds	26/52 rpm
Max. Blade Size	10-14" (250-350mm)
Max. Vise Opening	6" (152mm)
Recommended Cutting Capacity	
Round tube @ 90°	4.33" (110mm)
Round tube @ 45°	2.95" (75mm)
Square tube @ 90°	4.33" (110mm)
Square tube @ 45°	3.54" (90mm)
Rectangular tube @ 90°	4.33" x 3.54" (110 x 90mm)
Rectangular tube @ 45°	4.33" x 2" (110 x 50mm)
Round solid @ 90°	2.36" (60mm)
Round solid @ 45°	2" (50mm)
Square solid @ 90°	2" (50mm)
Square solid @ 45°	1.77" (45mm)
Dimensions	
Machine Dimensions LxWxH	55" x 41" x 75" (1400 x 1050 x 1900mm)
Shipping Dimensions LxWxH	30" x 42" x 60" (750 x 1060 x 1510mm)
Net Weight	660 lbs. (300kg)
Shipping Weight	792 lbs. (360kg)

Optional Equipment:

- 5 foot roller stock table
- 10 foot roller stock table
- 37" - 46" stock stand
- 1 gallon SAWZIT saw lubrication
- 5 gallon SAWZIT saw lubrication

Capacity Charts:



All specifications subject to change without notice or obligation.

Clausing Kalamazoo Semi-Automatic Ferrous and Non Ferrous Cutting Circular Saw

Features:

- 230v/460v/60/3 Electricals
- Totally Enclosed Fan-Cooled Motor
- Enclosed Worm Gear Drive for Trouble-free Operation
- Two Speeds for Versatility
- Cast Iron Construction
- Self-Centering Vise with Angle Scale
- Head Rotates 45 Degrees Left and Right of Center
- Automatic Cutting Cycle
- Automatic Feed Rate
- Flood Coolant System
- Heavy Duty Sheet Metal Base
- Adjustable Stock Stop
- Tool Kit
- Circular Saw Blade
- Operation and Maintenance Manual
- Two (2) Year Limited Warranty

Optional Equipment:

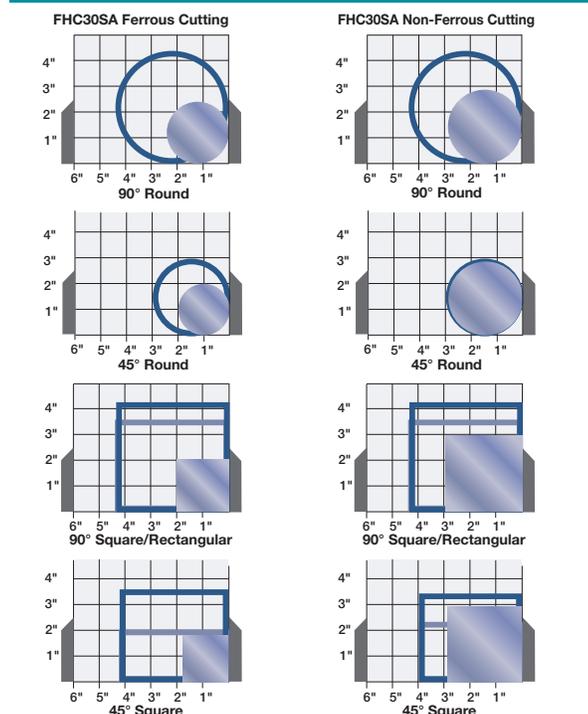
- 5 foot roller stock table
- 10 foot roller stock table
- 37" - 46" stock stand
- 1 gallon SAWZIT saw lubrication
- 5 gallon SAWZIT saw lubrication

Capacity Chart:

Specifications:

Model	FHC350SA	FHC355SA
Drive Motor	2/3 Hp (1.4/2.2kw)	5 Hp (3.7kw)
Angles (left & right)	45°	45°
Electricals	230v. or 460v. - 3ph	230v. or 460v. - 3ph
Control	110v.	110v.
Coolant	Standard	Standard
Spindle Speeds	26/52 rpm	
Max. Blade Size	10" - 14" (250 - 350mm)	12" - 14" (305 - 350mm)
Max. Vise Opening	6" (152mm)	6" (152mm)
Cutting Capacity		
Round tube @ 90°	4.33" (110mm)	4.33" (110mm)
Round tube @ 45°	2.95" (75mm)	2.95" (75mm)
Square tube @ 90°	4.33" (110mm)	4.33" (110mm)
Square tube @ 45°	3.54" (90mm)	3.35" (85mm)
Rectangular tube @ 90°	4.33" x 3.54" (110 x 90mm)	4.33" x 3.35" (110 x 85mm)
Rectangular tube @ 45°	4.33" x 2" (110 x 50mm)	3.35" x 2.36" (85 x 60mm)
Round solid @ 90°	2.36" (60mm)	3.15" (80mm)
Round solid @ 45°	2" (50mm)	2.95" (75mm)
Square solid @ 90°	2" (50mm)	2.95" (75mm)
Square solid @ 45°	1.77" (45mm)	2.95" (75mm)
Dimensions		
Machine Dimensions LxWxH	55" x 41" x 75" (1400 x 1050 x 1900mm)	55" x 41" x 75" (1400 x 1050 x 1900mm)
Shipping Dimensions LxWxH	30" x 42" x 60" (750 x 1060 x 1510mm)	30" x 42" x 60" (750 x 1060 x 1510mm)
Net Weight	660 lbs. (300kg)	748 lbs. (360kg)
Shipping Weight	792 lbs. (360kg)	880 lbs. (400kg)

All specifications subject to change without notice or obligation.



Clausing Kalamazoo Automatic Ferrous Cutting Circular Saw



Specifications:

Model	FHC350A
Drive Motor	2/3 Hp (2/1.5kw)
Electricals	208/230v. or 460v. - 3ph
Control	110v.
Coolant	Standard
Spindle Speeds (rpm)	70/35
Max. Blade Size	10" - 14" (250 - 350mm)
Max. Clamping Capacity	4.75" (120mm)
Feed Length Range	
Single stroke	.2" - 27.5" (5-700mm)
Double stroke	.2" - 55" (5-1400mm)
Single stroke	.2" - 82.5" (5-2100mm)
Recommended Cutting Capacity	
Round tube @ 90°	4.33" (110mm)
Square tube @ 90°	4" (100mm)
Rectangular tube @ 90°	4.33" x 2" (110 x 50mm)
Round solid @ 90°	2.36" (60mm)
Square solid @ 90°	2" (50mm)
Dimensions	
Machine Dimensions (LxWxH)	87"x48"x63" (2200x1200x1600mm)
Shipping Dimensions (LxWxH)	83"x42"x73" (2100x1050x1850mm)
Net Weight	1,984 lbs. (900kg)
Shipping Weight	2,315 lbs. (1050kg)

All specifications subject to change without notice or obligation.

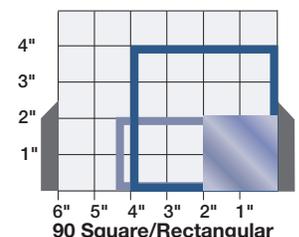
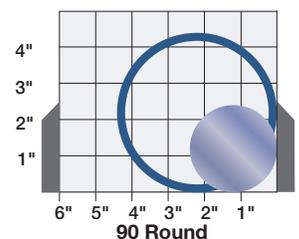
Features:

- Automatic Cutting Cycle
- Automatic Feed Rate
- Auto Shut-off & Unclamping at End of Cut
- Automatic Piece Counter
- Up to 3 Cut-off Indexes for Longer Pieces
- Enclosed Worm Gear Drive for Trouble-free Operation
- 230v/460v/60/3 Electricals
- Two Speeds for Versatility
- Totally Enclosed Fan-cooled Motor
- Cast Iron Construction
- Self-centering Vise Hydraulic Double Vise
- Flood Coolant System
- Heavy Duty Sheet Metal Base
- Circular Saw Blade • Tool kit
- Operation and Maintenance Manual
- Two (2) Year Limited Warranty

Optional Equipment:

- 5 foot roller stock table
- 10 foot roller stock table
- 37" - 46" stock stand
- 1 gallon SAWZIT saw lubrication
- 5 gallon SAWZIT saw lubrication

Capacity Charts:



Clausing Kalamazoo Automatic Non-Ferrous Cutting Circular



Specifications:

Model	FHC350NA
Drive Motor	5 Hp (3.7kw)
Electricals	208/230v. or 460v. - 3ph
Control	110v.
Coolant	Standard
Spindle Speeds (rpm)	3200
Max. Blade Size	14" (350mm)
Max. Clamping Capacity	5.9" (150mm)
Feed Length Range	
Single stroke	.2" - 27.5" (5-700mm)
Double stroke	.2" - 55" (5-1400mm)
Single stroke	.2" - 82.5" (5-2100mm)
Recommended Cutting Capacity	
Round tube @ 90°	4.33" (110mm)
Square tube @ 90°	4.33" (110mm)
Rectangular tube @ 90°	4.33" x 3.5" (110 x 90mm)
Round solid @ 90°	3.5" (90mm)
Square solid @ 90°	3" (75mm)
Dimensions	
Machine Dimensions (LxWxH)	87"x55"x63" (2200x1400x1600mm)
Shipping Dimensions (LxWxH)	83"x42"x73" (2100x1050x1850mm)
Net Weight	1,984 lbs. (900kg)
Shipping Weight	2,205 lbs. (1000kg)

All specifications subject to change without notice or obligation.

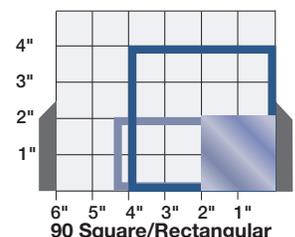
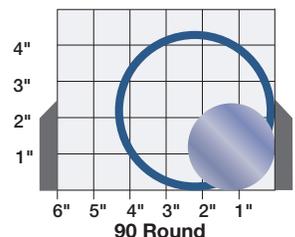
Features:

- Automatic Cutting Cycle
- Automatic Feed Rate
- Auto Shut-off & Unclamping at End of Cut
- Automatic Piece Counter
- Up to 3 Cut-off Indexes for Longer Pieces
- Enclosed Worm Gear Drive for Trouble-free Operation
- 230v/460v/60/3 Electricals
- Totally Enclosed Fan-cooled Motor
- Cast Iron Construction
- Self-centering Vise Hydraulic Double Vise
- Flood Coolant System
- Heavy Duty Sheet Metal Base
- Circular Saw Slade • Tool Sit
- Operation and Maintenance Manual
- Two (2) year Limited Warranty

Optional Equipment:

- 5 foot roller stock table
- 10 foot roller stock table
- 37" - 46" stock stand
- Chain chip conveyor
- 1 gallon SAWZIT saw lubrication
- 5 gallon SAWZIT saw lubrication

Capacity Charts:



Clausing "Worksaver" HSS Circular Saw Blades for Ferrous Cutting

Blade No.	Size		TPI	No. of Teeth	Pitch
	In.	mm			
CB99	10	250	10	320	2½
CB100	10	250	8	250	3
CB101	10	250	6	200	4
CB102	10	250	5	160	5
CB103	10	250	4	128	6
CB104	10	250	3	100	8
CB105	10	250	2½	80	10

CB98	11	275	10	350	2½
CB106	11	275	8	280	3
CB107	11	275	6	220	4
CB108	11	275	5	180	5
CB109	11	275	4	140	6
CB110	11	275	3	110	8
CB111	11	275	2½	84	10
CB122	11	275	2	70	12

Blade No.	Size		TPI	No. of Teeth	Pitch
	In.	mm			
CB112	12½	315	8	300	3
CB113	12½	315	6	240	4
CB114	12½	315	5	200	5
CB115	12½	315	4	160	6
CB116	12½	315	3	120	8
CB117	12½	315	2½	100	10
CB118	12½	315	2	80	12
CB119	12½	315	1½	70	14
CB125	14	350	8	350	3
CB126	14	350	6	280	4
CB127	14	350	5	220	5
CB128	14	350	4	180	6
CB129	14	350	3	140	8
CB130	14	350	2½	110	10
CB131	14	350	2	90	12
CB132	14	350	1½	80	14

All arbor holes 1.260" (32mm) with two pin holes. 8mm on 45mm dia. circle and with two pin holes 11mm on 63mm dia. circle and 4 pin holes 9mm on 50mm dia. circle. All blades special oxide coated for extend life. Thickness, 250 = 2.0mm, 275/315/325 = 2.5mm, 350 = 3.0mm.

Carbide Tipped Circular Saw Blades for Aluminum and other Nonferrous Materials (NA models only)

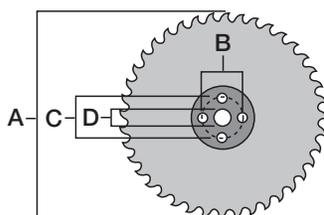
Blade No.	Diameter MM (in.)	No. of Teeth	Teeth per Inch
MB-207	350 (14)	120	3
MB-208	350 (14)	108	2.5
MB-209	350 (14)	84	1.5
MB-210	350 (14)	48	1

Our Carbide Tipped Circular Saw Blades have triple chip grinds and 32mm Arbor holes

Clausing Worksaver

Clausing Worksaver Blades are manufactured of the finest quality M2 steel available. These high speed steel blades are oxide treated to retain strength hardness, and facilitate coolant penetration. They have a hardness of 63-65 RC.

- A Diameter (specify)
- B Pinhole size
8mm on 45mm center (2 ea.)
- C Pinhole size
11mm on 63mm center (2 ea.)
- D 32mm



Spindle Speed, Blade Size - Surface Feet Per Minute

Spindle RPM	20	26	30	32	40	52	60	64
Blade Size	Surface feet per minute							
315mm (12.5")	65	85	98	105	130	170	195	210
350mm (14)	72	95	108		144	190	217	

Blade Selection

	inch	.400	.750	1.25	1.50	2.00
● Solid	mm	10	20	30	40	50
○ Tubing	wall" diameter"	.049 3/4	.083 1.0	.125 1.5	.187 2.0	.250 2.5
WORKSAVER blades						
Teeth per inch						
8	○					
6	●	○				
5			○			
4			●		○	
3				●		○
2½					●	●

Note: At least 2-3 teeth must engage the work at all times and not more than 7.