

2023 SURFACE PREP CATALOG

# U.S. SAWS™

BUILT FOR PROFESSIONALS

877-817-6687

[www.USSAWS.com](http://www.USSAWS.com)



U.S.SAWS' professional surface preparation equipment line includes dust-free tools for cutting and widening joints, grinding and polishing concrete, decorative concrete cutting, and vacuums for collecting the dust. Accessories available include dust shrouds for your existing tools and a full line of diamond blades, cup wheels, polishing pads, and resins for cutting, grinding and polishing concrete on hand-held and walk-behind equipment.

U.S.SAWS surface preparation products are designed for the professional contractor who focuses on concrete repair and surface preparation where time and dust control are critical.

# TABLE OF CONTENTS



**CONCRETE GRINDERS &  
DUST SHROUDS** ..... **PAGES 4 - 6**

---

**CONCRETE POLISHING** ..... **PAGE 7**

---



**JOINT CLEAN-OUT & SAWS** ..... **PAGES 8 - 9**

---

**CRACK CHASING SAWS** ..... **PAGE 10**

---

**DUST COLLECTION  
VACUUMS** ..... **PAGES 11 - 12**

---

**POLYUREA PUMPS &  
ACCESSORIES** ..... **PAGES 13 - 14**

---



**DIAMOND BLADES & TOOLING  
CUP & ZEC WHEELS** ..... **PAGES 15 - 22**

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# CONCRETE GRINDERS & DUST SHROUDS

## TC-7 STAND-UP EDGER



The U.S.SAWS TC-7 Stand-Up Edger, is designed to give the operator the feel of a hand-held grinder while maintaining a comfortable upright position. A rear control lever allows the operator to adjust the grinder pitch while the front handle allows side to side movement for complete control and the ability to feel the contours of the surface being ground. The TC-7 is powered by a Metabo 24-230 15 AMP grinder. The unit comes complete with U.S.SAWS G2 Dust shroud 7" 24 Segment Turbo Cup Wheel INCLUDED. Optional Variable Speed Control for polishing available.



METABO GRINDER



ADJUSTMENT HANDLE



CASTER GUARD INCLUDED



STABLE FRAME DESIGN

TC-7 Specifications	
<b>Part Number</b>	<b>SX67000</b>
<b>Power Source</b>	Metabo 24- 230 15 AMP 6600 RPM
<b>Includes</b>	Metabo 24-230, 7" 24 segment turbo cup wheel and shroud
<b>Power Requirements</b>	115V 15A
<b>Grinding Wheels Used</b>	7" Diamond Cup Wheels, PCDs, ZEC Wheels, EZ Edge Ceramic Wheels, Polishing Pads
<b>Weight</b>	49lbs
TC-7 Polishing Package Specifications	
<b>Part Number</b>	<b>SX67000-PKG</b>
<b>Power Source</b>	Metabo 24- 230 15 AMP 6600 RPM
<b>Includes</b>	Metabo 24-230, Dust Shroud, Variable Speed Control and Polishing Tooling Kit
<b>Power Requirements</b>	115V 15A
<b>Weight</b>	49lbs

## TC-7 POLISHING PACKAGE ADD-ONS



### VARIABLE SPEED CONTROL BOX

Add to the TC-7 to make it a variable speed polisher!

**Part Number:** SX67099



### POLISHING SET

Includes: 7" 18 Segment Bi-Turbo Cup Wheel, 7" Steel Backing Pad, 7" set of Honeycomb resin pads #50 - #3000, and E&F Nuts

**Part Number:** SX-TC7



# CONCRETE GRINDERS & DUST SHROUDS



## 7" METABO PRO GRINDER PACKAGE

Includes: Metabo W24-230 15 AMP, 6,600 RPM grinder, U.S.SAWS 7" Generation 2 convertible dust shroud, 7" loop handle, allen wrench and (2) 7" 12 segment turbo cup wheels

**Power:** 15 AMP, 6,600 RPM

**Part Number:** SX60006PPG2



## 7" METABO PREMIUM GRINDER PACKAGE

Includes: Metabo W24-230 15 AMP 6,600 RPM or Metabo W24-180 8,500 RPM grinder, U.S.SAWS 7" Generation 2 convertible dust shroud, loop handle, adapter nuts, spanner wrench, allen wrench and 7" 24 segment cup wheel

**Power:** 15 AMP, 6,600 RPM

**Part Number:** SX60006CG2

**Power:** 15 AMP, 8,500 RPM

**Part Number:** SX60010CG2

## 7" SHROUD KITS

### 7" PRO DUST SHROUD KIT



Custom made to fit: Bosch, DeWalt, Hilti, Makita, Metabo, and Milwaukee model grinders

Includes: convertible style dust shroud and aluminum adapter ring

### 7" DELUXE DUST SHROUD KIT



Custom made to fit: Bosch, DeWalt, Hilti, Makita, Metabo, and Milwaukee model grinders

Includes: convertible edging style dust shroud, aluminum adapter ring, long and short pro blade nuts, and blade nut wrench

## 7" GRINDER ACCESSORIES

### 7" UNIVERSAL DUST SHROUD



Includes: 7" convertible edging style dust shroud, (3) polyurethane adapter rings, and collar clamp

Fits 7" & 9" 15 AMP grinders manufactured by: Bosch, DeWalt, Hitachi, Makita, Metabo, or Milwaukee

**Part Number:** SX65807U

### 7" HUB DUST SHROUD



Includes: polyurethane convertible edging style shroud only; designed to be used with Metabo 7" & 9" Grinders

**Part Number:** SX65807M

### 7" LOOP HANDLE ASSEMBLY



Fits on a variety of grinders and provides increased operator comfort

Includes: loop handle with rubber grip, bolts, and lock washers

**Part Number:** SX73907

### CUP WHEEL MOUNTING NUTS



Short - 4.5" Zec  
Short with 2 Spacers  
Medium with 1 Spacer  
Long - 7" Zec  
B-CV & C1 Set  
E & F Set

05-69003  
05-69001  
05-69006  
05-69004  
SX50502  
SX50503

# CONCRETE GRINDERS & DUST SHROUDS



## 5" PRO GRINDER PACKAGE

Includes: Metabo WEV15-125 Quick HT 13.5 AMP, 2,800 - 9,600 RPM grinder, 5" convertible hub dust shroud and 4.5" 9 segment turbo cup wheel

**Power:** 2,800-9,600 RPM  
**Part Number:** SX65000EC



## 5" PREMIUM GRINDER PACKAGE

Includes: Metabo WEV15-125 QUICK HT 13.5 AMP, 2,800 to 9,600 RPM grinder or Metabo W11-125 11 AMP 11,000 RPM grinder, 5" convertible dust shroud, loop handle, 4.5" 10 segment cup wheel, adapter nuts, spanner wrench, and allen wrench

**Power:** 2,800-9,600 RPM  
**Part Number:** SX65000C

**Power:** 11,000 RPM  
**Part Number:** SX65005C

## 5" SHROUD KITS



### 5" PRO DUST SHROUD KIT

Custom made to fit: Bosch, DeWalt, Hilti, Makita, Metabo, and Milwaukee model grinders.

Includes: convertible style dust shroud and aluminum adapter ring



### 5" DELUXE DUST SHROUD KIT

Custom made to fit: Bosch, DeWalt, Hilti, Makita, Metabo, and Milwaukee model grinders

Includes: convertible dust shroud, aluminum adapter ring, long and short pro blade nuts, blade nut wrench, and allen wrench

## 5" GRINDER ACCESSORIES



### 5" LOOP HANDLE ASSEMBLY

Fits on a variety of grinders and provides increased operator comfort.  
Includes: loop handle with rubber grip, bolts, and lock washers

**Part Number:** SX53900



### 5" METABO HUB DUST SHROUD

For use with most 5" Metabo Grinders.  
Includes: polyurethane convertible edging style shroud

**Part Number:** SX65852H



# CONCRETE POLISHING



## 5" PRO POLISHING ASSEMBLY

Includes: Metabo PE15-30 variable speed polisher (13 AMP, 800 to 3,000 RPM), 5" convertible dust shroud, 5" loop handle, and 5" flexible backing pad

**Part Number:** SX65005CP



## 7" PRO POLISHING ASSEMBLY

Includes: Metabo PE15-30 variable speed polisher (13 AMP, 800 to 3,000 RPM), 7" convertible dust shroud, 7" loop handle, and 7" flexible backing pad

**Part Number:** SX60006CP

## POLISHING SHROUD KITS

### 5" SHROUD KIT

Designed for the 5" Metabo PE15-30  
Includes: convertible style dust shroud, adapter ring, and 5" backing pad

**Part Number:** SX65218



### 7" SHROUD KIT

Designed for the 7" Metabo PE15-30  
Includes: convertible style dust shroud, adapter ring, and 7" backing pad

**Part Number:** SX60218



## POLISHING ACCESSORIES



### STANDARD CONCRETE POLISHING PAD PACKS

Set requires a backing pad, which is sold separately  
Includes Grits: #50, #100, #200, #400, #800, #1500, #3000  
**Part Number (5" Package):** PPN5GPACK  
**Part Number (7" Package):** PPN7GPACK

### HONEYCOMB CONCRETE POLISHING PAD PACKS

Set requires a backing pad, which is sold separately  
Includes Grits: #50, #100, #200, #400, #800, #1500, #3000  
**Part Number (5" Package):** PHN05PACK  
**Part Number (7" Package):** PHN07PACK

## VSG-10 STAND-UP GRINDER



The VSG-10 (Variable Speed Grinder) is an easy to use, concrete floor grinding and polishing machine that will prep and polish concrete surfaces in areas that cannot be accessed by larger equipment. The floor grinder and polishing tool is excellent for both large and small jobs sites.

### VSG-10 Specifications

VSG-10 Specifications	
<b>Part Number</b>	<b>SX61000</b>
<b>Power Requirement</b>	115V 15 AMP Electric
<b>Max RPM</b>	400 - 1,500
<b>Grinding Wheels Used</b>	Fast Change Diamonds, PCDs, and Polishing Pads
<b>Weight</b>	165 lbs

# JOINT CLEAN-OUT SAWS



U.S.SAWS offers a wide range of joint clean-out saws to serve the concrete industrial flooring professional. The saws are designed to clean-out existing control joints and remove old joint fill material that needs to be replaced. U.S.SAWS offers the saws in a propane and gas powered option depending on the job-site and needs of the end user. Durability, accuracy and high production rates are key components to our industry leading line of joint clean-out saws.

## JS-160P PROPANE POWERED | JOINT CLEAN-OUT SAW

The JS-160P propane powered saw is designed to clean-out existing control joints to prepare for new joint fill application or remove failing or deteriorated existing joint fill material, where a propane fuel source is required. This machine can be used to remove polyurea, epoxy, and polyurethane joint fill materials.



ADJUSTABLE DEPTH



CARBON MONOXIDE MONITOR



ELECTRIC START

### JS-160P Specifications

JS-160P Specifications	
Part Number	<b>SX77160</b>
Fuel Type	Propane
Fuel Capacity	14 lbs / 3-4 hour run time
Engine Size/ Brand	V-Twin 479CC, 16 HP Vanguard
Max RPM	5,850
Max Cutting Depth	3"
Blade Sizes	8" to 10" Dry Diamond
Max Width	Single Blade: .500" Multiple Blades: 1.5"
Minimum Blade Width	.095"
Blade Width	.095",.110",.125",.187",.250",.375",.500"
Arbor Size	1" with Drive Pin Hole
Dust Collector Size	350+ CFM
Weight	240 lb

## JS-131 GAS POWERED | JOINT CLEAN-OUT SAW

The JS-131 saw is a gas-powered walk-behind saw used for joint clean-out, concrete sawing, and trench cutting. Material is milled out of the joint in an upward direction and collected by the debris collection port. It features a blade guard design that permits easy dust extraction.



BLADE GUARD



BLADE SPACERS



HONDA GAS ENGINE

### JS-131 Specifications

JS-131 Specifications	
Part Number	<b>SX77131</b>
Fuel Type	Gasoline
Engine Brand	Honda GX 390
Max RPM	5,850
Max Cutting Depth	3"
Blade Sizes	8" to 10" Dry Diamond
Max Width	Single Blade: .500" Multiple Blades: 1.5"
Minimum Blade Width	.095"
Blade Width	.095",.110",.125",.187",.250",.375",.500"
Arbor Size	1" with Drive Pin Hole
Dust Collector Size	350+ CFM
Weight	200 lb

# JOINT CLEAN-OUT SAW



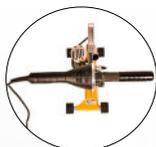
U.S.SAWS milling machine line is designed to clean- out joints and remove existing joint filler faster and more accurately. The MC-45 is great for cutting out spalled joints and other applications where concrete needs to be removed. The Mark-III is ideal for applications where joints need to be cleaned out. Both saws are designed with a heavy-duty frame providing the user with long longevity. Ease of use, high accuracy and durability are key components to U.S.SAWS line of milling machines.

## MARK-III DUST BUGGY | JOINT CLEAN-OUT SAW

The joint saw is a high performance; high precision saw designed to clean out control joints, remove the old joint filler, and make straight, accurate cuts in concrete up to 2" deep. The handle and frame are designed for more stability and an adjustable height that rotates to get closer to walls or racks. The blade depth is fully adjustable and has a depth lock to prevent over cutting.



ALUMINUM ALLOY CHASSIS



ROTATING HANDLE



EQUIPPED WITH METABO

Mark-III Specifications	
Part Number	<b>SX13700</b>
Grinder	Metabo W24-230
Output Power	15 Amp Electric
Max RPM	6,600
Power Requirements	115V, 60Hz
Max Cutting Depth	2"
Blade Diameter	7" or 8" Dry Diamond
Blade Width	.090", .125", .250"
Blade Arbor	7/8"
Weight	51 lb

## MC-45 | MILLING/SAW MACHINE

The MC-45 is a concrete milling machine used for cutting out spalled joints and other applications where concrete needs to be removed. The milling machine will remove up to 1-1/2 inches deep and 1-1/2 inches in width in one pass and can utilize a variety of blade and spacer combinations. The saw is equipped with a 15 AMP Metabo gear reduction grinder and can effectively remove 1" wide by 1/2" deep at 2 feet per minute. This machine is designed with a heavy duty steel frame and a unique wheel configuration to roll over existing cuts and joints.



INTEGRATED FRONT POINTER



MULTIPLE BLADE STACK



POWERED BY METABO

MC-45 Specifications	
Part Number	<b>SX45000</b>
Grinder	Metabo 15 AMP
Power Requirements	120V (15 AMP - 20 AMP)
Blade Size	4", 4.5", 5"
Max Cutting Depth	1 1/2"
Arbor	7/8"
Weight	47 lb

# CRACK CHASING SAWS

## CC-100 WALK-BEHIND CRACK CHASING SAW



The CC-100 is the fastest and most productive walk-behind crack chaser on the market today. Operators have a clear view of the cutting blade of the CC-100 by pulling the saw backward. Its unique pivoting system allows the saw to cut in tight curves effortlessly while avoiding stopping and restarting.

CC-100 Specifications	
Part Number	<b>SX90102</b>
Description	Walk-Behind Crack Chaser
Power Source	Honda GX270
Max RPM	7,500
Max Cutting Depth	1"
Blade Diameter	6" Dry Diamond
Blade Width	.250", .375", .500"
Blade Arbor	5/8" with Drive Pin Hole
Weight	150 lb

## 5" CRACK CHASER ASSEMBLY



(Blade sold separately)

The 5" Crack Chaser saw is powered by a 5" Metabo grinder WE15-125 or a 4.5"/5" Metabo W11-125. The Crack Chaser is a hand-held saw designed to rout out random cracks or cut concrete while collecting the dust. The grinder is great for cutting out mortar or grout joints.

Crack Chaser Specifications		
Part Number	<b>SX55010</b>	<b>SX55014</b>
Grinder Make/Model	Metabo WE15-125 QUICK HT	Metabo W11-125 QUICK HT
Power	13.5 AMP	11 AMP
RPM	2,800-9,600	11,000
Power Requirements	120V, 60Hz	120V, 60Hz
Max Cutting Depth	1-1/4"	1-1/4"
Blade Diameter	4", 4.5" or 5"	4", 4.5", or 5"
Blade Width	.090, .125, .187, .250, .375	.090, .125, .187, .250

## HAND-HELD CUT VAC



The hand-held Cut-Vac is designed for routing out cracks or cut concrete up to 1-1/8" deep while collecting the dust. The saw is also available as a stand-up unit that makes cutting straight decorative cuts or cleaning out control joints faster and easier.

Cut-Vac Specifications	
Part Number	<b>SX70000</b>
Description	Hand-Held Crack Chaser
Grinder/Motor Make/Model	Metabo W24-180
Power	15 AMP
Max RPM	8,500
Max Cutting Depth	1-1/8"
Blade Diameter	7" or 8"
Blade Width	.250", .375"
Blade Arbor	7/8"
Weight	27 lb

# INDUSTRIAL DUST COLLECTION VACUUMS



U.S.SAWS vacuums are specifically designed for concrete dust and the construction industry. All our vacuums are OSHA compliant under Table 1 Silica Dust guidelines when appropriately used. Oversize filters maximize airflow even while the dust bin is near capacity. The Ultra-Vac line is a simple, rugged design to withstand the abuse of even the toughest crews. The vacuums feature front and rear handles for easy transportation, heavy-duty wheels that allow the user to roll over cords and job site debris easily. The shaker style filter clearing, large capacity dust bins, and large multi-pleated filters allow more extended use of the dust collector.

## ULTRA VAC 1250 - GAS



The Ultra-Vac 1250-G is a heavy duty vacuum designed for collecting concrete dust where a gas powered engine is most convenient. The wide, flat wheels make it a good choice for early entry control joint cutting as they will lessen the possibility of indentations in the slab. This machine is constructed of an all steel tube frame with a polyethylene body for years of use and abuse. The Vac is designed for use with the U.S.SAWS JS-160P, JS-131, CC-100, and various early entry saws.



DURABLE WHEELS



3" HOSE



HONDA GAS ENGINE

### Ultra Vac 1250 Gas Specifications

Part Number	SX50005G
CFM	450
Water Lift	115"
Dust Bin	12.5 Gallons
Power Source	Honda Gas Engine GX240
Filter Size	18.3 sq. ft.
Hose Inlet Size	3"
Frame / Body	Tube Steel / High Density Polyethylene
Weight	150 lbs

## ULTRA VAC 1250



The heavy-duty, durable Ultra-Vac 1250 is our most popular vacuum. Its large filter will allow the vacuum to perform without losing suction even with a full dust load. The vacuum is designed for the construction professional and is a perfect match for 7" grinders, 8" scarifier, small planetary machines, and joint clean-out equipment.



FILTER SHAKER



2" HOSE



HEAVY DUTY FRAME

### Ultra Vac 1250 - HEPA Specifications

Part Number	SX50000
CFM	220
Water Lift	110"
Dust Bin	12.5 Gallons
AMP	17 Amp
Filter Size	18.3 sq. ft.
Voltage	120V
Hose Inlet Size	2"
Frame / Body	Tube Steel / High Density Polyethylene
Weight	88 lbs

# INDUSTRIAL DUST VACUUMS

## DUST COLLECTION ACCESSORIES

### CYCLONE PRE-SEPARATOR



A low-cost way to turn your industrial shop-vac into an effective industrial dust collector. It separates 99% of the concrete dust before it reaches the shop-vac.

Part Number	Description
SX24445	5 gallon cyclone pre-separator with heavy duty bucket dolly

### ULTRA-VAC 1250 LONGOPAC FRAME



The frame is designed to allow the Ultra-Vac 1250 Dust Collector Series to use Longopac bags. The vacuum mounts to a steel chassis, and the bag is enclosed on three sides, protecting it from accidental rips and tears.

Part Number	Description
SX50110	Ultra-vac 1250 bagger kit

### 2" REPLACEMENT HOSE



The 2" crush proof hose with cuffs fits on our Ultra Vac 1250 & Ultra Vac 950. The hose is designed for positive airflow applications with a wide temperature range, this flexible hose can transport.

Part Number	Description
SX73405	2"x25' crush proof hose w/cuffs

### 3" REPLACEMENT HOSE



The 3" crush proof hose fits on our Gas Powered Ultra Vac 1250G. The crush resistant hose maintains suction for vacuuming in high-traffic areas where hoses might be stepped on or run over.

Part Number	Description
SX73408	3"x25' crush proof hose w/cuffs

### 20" FLOOR VACUUM TOOL



For quick and easy clean-up, the vacuum wand will assist your every need. The 20" floor tool is great for vacuuming dust and slurry from surfaces.

Part Number	Description
SX73424	20" Floor Sweep with one piece 45" wand

### ULTRA-VAC 1250 DUST PAN



The replacement dust pan is designed for the Ultra-Vac 1250. The dust bin has a 12.5 gallon dust capacity, trash bag friendly, and easy to empty.

Part Number	Description
SX24600-6	Ultra-Vac 1250 bottom pan with reinforcement

### HEPA FILTER



The replacement HEPA filter is easy to install and replace in the dust collection system. This filter fits our U.S.SAWS Ultra Vac 1250 & Ultra Vac 950.

Part Number	Description
SX1250/ 950HEPA	HEPA filter, Ultra Vac-1250, 950

### LONGOPAC BAGS



The Longopac® bagging system makes concrete dust disposal easy and convenient. It attaches to just about any dust collector or vacuum and securely holds all dust and debris.

Part Number	Description
SXLONGO4	4 pack of Longopac bags

### 3" ALUMINUM CAM & GROOVE COUPLER



The aluminum cam and groove fittings include a female cam x hose shank connection.

Part Number	Description
SX24609	3" cam lock female aluminum hose end

### 2" ULTRA-VAC HOSE ADAPTER



The Ultra Vac Hose adapter fits on the U.S.SAWS Ultra Vac 1250 or Ultra Vac 950.

Part Number	Description
SX24600-60	2" Ultra-Vac hose adapter with button

# JOINT FILL PUMPS



The U.S.SAWS polymer pumps were designed with the industrial flooring contractor in mind. These machines are easy to use, easy to repair, and maintain; the polymer pumps have been built using high-quality components allowing for years of use. Our unique semi-transparent tanks will enable the operator to monitor the material level in them, so they never run out, and the proper ratio can be observed. Our pumps use a driven gear and chain design to ensure that they stay on ratio. The operator's variable speed control allows the user to go as fast as they can or slow down for optimal accuracy. These machines are proudly made in the USA.

## ONE MAN POLYUREA PUMP



The innovative design of the One Man polymer pump allows one person to control the polymer pump position with one hand while dispensing the joint filler with the other. The joint filling machine is constructed with a "T" handle, allowing left and right-handed operation. The pump enables other workers to handle different tasks while one person is filling joints. The new design also makes it easier for the pump operator as he knows exactly where the pump should be and where it needs to go next — no more running over wet floor joints.



ONE PERSON OPERATION



STORAGE AREA



EASY FILLING

One Man Polymer Pump Specifications	
Part Number	<b>SX20550</b>
Power Source	1/2 HP Electric Motor
Power Requirements	110V, 60 Hz
Frame	Steel
Tanks	6.5 Gallon Polyethylene
Manifold	Re-Buildable, One-Piece, Aluminum Dispensing Manifold
Compatible Materials	Polyurea and Epoxy Joint Fillers
Weight	170 lbs

## DUAL COMPONENT POLYUREA PUMP



The Dual Component pump was designed to be easy to use and inexpensive to maintain with savings up to 50% on material costs with components purchased in bulk. It is equipped with 2 6-gallon tanks to allow you to add a full 5 gallons of joint fill material and still have a reserve left in the tanks. For a guaranteed perfectly mixed polymer, this dual component pump will not fail. Whether it is completing small or large areas, it has the capability to reach up to 7,000 lineal feet per day.



EASY APPLICATION



ERGONOMIC HANDLE WITH START/STOP SWITCH



MANIFOLD

Dual Component Polymer Pump Specifications	
Part Number	<b>SX20100</b>
Power Source	1/2 HP Electric Motor
Power Requirements	110V, 60 Hz
Frame	Steel
Tanks	6.5 Gallon Polyethylene
Manifold	Re-Buildable, One-Piece, Aluminum Dispensing Manifold
Compatible Materials	Polyurea and Epoxy Joint Fillers
Weight	170 lbs

# POLYUREA PUMPS

## DUAL COMPONENT PUMP ACCESSORIES

### TANK WARMERS (SET OF 2)



Specifications	
Part Number	Description
SX20017	5 Gallon Pail Warming Heater Wrap

### 6.5 GALLON TANK



Specifications	
Part Number	Description
SX20005 - 5POLYOL	6.5 Gallon Resin Tank
SX20005- 5ISO	6.5 Gallon Hardener Tank

### STATIC MIXER NUT



Specifications	
Part Number	Description
SX20111	Static Mixer Retaining Nut

### 2:1 RATIO KIT



Specifications	
Part Number	Description
SX21000	2:1 Ratio Kit for the Dual Component Pump
SX21300	2:1 Ratio Kit for the One Man Pump

### REPLACEMENT PUMP



Specifications	
Part Number	Description
SX20205	Replacement Fluid Pump

### HOSE WITH FITTINGS



Specifications	
Part Number	Description
SX20410	Steel Braided Hose

### FLOOR SCRAPER



Specifications	
Part Number	Description
CTHD-S0305ERG	5" Floor Scraper with 5' Ergonomic Handle

### TANK KIT



Specifications	
Part Number	Description
SX20065	6.5 Gallon Tank Kit
*Includes: (2) Tanks, (2) Lids, Support Cables and Debris Screens	

### STATIC MIXER



Specifications	
Part Number	Description
SX20010-20	Pack of 20 Static Mixers
SX20010-100	Pack of 100 Static Mixers

### STATIC MIXER CAP



Specifications	
Part Number	Description
SX20012	Manifold Night Cap

### PUMP SEAL KIT



Specifications	
Part Number	Description
SX20205-1	Pump Seal Kit

### MANIFOLD KIT



Specifications	
Part Number	Description
SX20116	Dispensing Manifold Kit

### POWER INVERTER



Specifications	
Part Number	Description
SX20023	1200W Pure Sine Wave Power Inverter

### SCRAPER BLADE



Specifications	
Part Number	Description
CTHDS-03BL50	Pack of 50 5" Scraper Blades
CTHDS-03BL100	Pack of 100 5" Scraper Blades

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## TIGER TOOTH DIAMOND GRIT BLADES

Removes polyurea without loading up. The blade is designed with oversized diamond grit and patented step segments for longer life. Can be used wet or dry. *Applications include polyurea, polyurethane, and epoxy*

**USAGE: JOINT CLEAN-OUT SAWS, HAND-HELD SAWS**



Size	Part No.	Description
4"	APB04080	4x.080x7/8-5/8
4.5"	APB45080	4.5x.080x7/8
7"	APB07090E	7x.095x1-7/8
	APB07125D	7x.125x7/8-5/8
8"	APB08187-UA	8X.187X7/8-5/8
	APB08095D	8x.095xU/A
	APB08125D	8x.125x7/8-5/8
	APB08095E	8x.095x1-7/8 w/DPH
	APB08125E	8x.125x1 w/DPH
10"	APB10095E	10x.095x1 w/DPH

## DRY CUT DIAMOND BLADES



- High diamond concentration for general joint clean-out and crack chasing applications.
- Laser welded segments for durability.



### Blade Width Guide

	.080"
	.090"
	.095"
	.100"
	.110"
	.125"
	.187"
	.250"
	.375"
	.500"

Most Popular Blades Shown Below. Many other sizes are available. Please call for more information.

Size	Part No.	Description
4"	DCB04080SB	4x080x7/8 Standard Concrete Blade
	DCB04250PB	4x.250x7/8 Prem Tuck Point Blade - Med Bond
	DCB04375PB	4x.375x7/8 Prem Tuck Point Blade - Med Bond
	DCB04500SB	4x.500x7/8 Standard Tuck Point Blade
4.5"	DCB045080SB	4.5x.080x7/8 Standard Concrete Blade
	DCB045125UB	4.5x.125x7/8 Supreme Concrete Blade
	DCB045250PB	4.5x.250x7/8-5/8 Prem Tuck Point Blade
	DCB045375PB	4.5x.375x7/8 Prem Concrete Blade
5"	DCB05250UB	5x.250x7/8 Supreme Concrete Blade
7"	DCB07095UB-UA	7x.095xU/A Supreme Concrete Blade
	DCB07125UB-UA	7x.125xU/A Supreme Concrete Blade
	DCB07250PB	7x.250x7/8 Prem Dry Concrete Blade
	DCB07375PB	7x.375x7/8 Prem Dry Concrete Blade
	DCB07500PB	7x.500x7/8 Prem Dry Concrete Blade

Size	Part No.	Description
8"	DCB08095UB	8x.095x7/8-5/8 Supreme Dry Concrete Blade
	DCB08125UB	8x.125x7/8-5/8 Supreme Dry Concrete Blade
	DCB08187UB-JS	8x.187x1-7/8 Supreme Concrete Blade w/DPH*
	DCB08250PB	8x.250x7/8 Prem Dry Concrete Blade
	DCB08375PB	8x.375x7/8 Prem Dry Concrete Blade
	DCB08500PB-JS	8x.500x1 Prem Dry Concrete Blade w/DPH*
10"	DCB10095UB-JS	10x.095x1-7/8 Supreme Dry Cut Concrete Blade w/DPH*
	DCB10110UB-JS	10x.110x1-7/8 Supreme Dry Cut Concrete Blade w/DPH*
	DCB10125UB-JS	10x.125x1-7/8 Supreme Dry Cut Concrete Blade w/DPH*
	DCB10187UB-JS	10x.187x1-7/8 Supreme Dry Cut Concrete Blade w/DPH*
	DCB10250UB-JS	10x.250x1 Supreme Concrete Blade w/DPH*
	DCB10375UB-JS	10x.375x1 Supreme Concrete Blade w/DPH*

\* DPH - Drive Pin Hole

- Most blades available in Standard, Premium, and Supreme grades
- Hard and soft bonds are also available.
- \*Call for more information.

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## CRACK CHASING & "V" BLADES

The "V" Blades are a high diamond concentration for general joint clean-out and crack chasing applications. Designed with a laser welded segments allow for durability. May be used wet or dry.

Applications: Concrete, Grout, Mortar

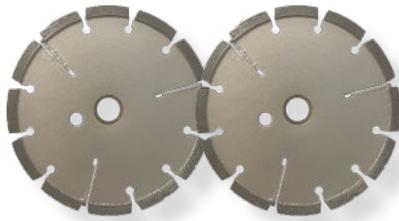
**USAGE: JOINT CLEAN-OUT SAWS, HAND-HELD SAWS, CC-100**



Size	Part No.	Description
<b>.250 "V" Shaped Segments</b>		
4"	VCB04250PS	4x.250x7/8
4.5"	VCB045250PS	4.5x.250x7/8-5/8
5"	VCB05250PS	5x.250x7/8-5/8



Size	Part No.	Description
<b>.375 "V" Shaped Segments</b>		
4"	VCB04375PB	4x.375x7/8
4.5"	VCB045375PB	4.5x.375x7/8
5"	VCB05375PB	5x.375x7/8



Size	Part No.	Description
<b>Rectangular Segments w/DPH &amp; Kicker Segments</b>		
6"	DCB06250PB-CC	6x.250x5/8
	DCB06375PB-CC	6x.375x5/8



Size	Part No.	Description
<b>"V" Shaped Segments w/DPH &amp; Kicker Segments</b>		
6"	VCB06250PB-CC	6x.250x5/8
	VCB06375PB-CC	6x.375x5/8

## TUC-POINT BLADES

Tuc-Point are used for the removal of mortar joints and preparation of masonry surfaces including concrete, block, brick, paver and stone. They are great for tuc-pointing or cleaning and widening joints.



Size	Part No.	Description
4"	TSS042539P40D	4x.250x7/8 Premium
	TSS043739P40D	4x.375x7/8 Premium
4.5"	TSS452539P40D	4.5x.250x7/8 Premium
	TSS453739P40D	4.5x.375x7/8 Premium
5"	TSS052539P40D	5x.250x7/8 Premium
	TSS053739P40D	5x.375x7/8 Premium
6"	TSS062539P40D	6x.250x7/8 Premium
7"	TSS072539P40D	7x.250x7/8 Premium
	TSS073739P40D	7x.375x7/8 Premium

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## BI-TURBO CUP WHEELS

The fine grit Bi-Turbo cup is typically the last metal step before switching to resin pads when polishing concrete. The combination of longer and shorter segments eliminates gouging and leaves a uniform honed surface.



Size	Part No.	Description
5"	CW5BT9918SDN	5x7/8 18 Segment #16/20 Grit
	CW5BT99120SDN	5x7/8 18 Segment #120/140 Grit
7"	CW7BT99120SDN	7x7/8 18 Segment #120/140 Grit

## TURBO CUP WHEELS

The Turbo cup is the best choice for a cup wheel that was designed for floor coating contractors. The angled segments help to reduce gouging. The 30/40 grit diamonds are effective for removing light coatings, grinding down patches, joints or high spots, and leaving a good profile for new coatings.



Size	Part No.	Description
4.5"	CW45TR10PDS	4.5x7/8-5/8 10 Segment Premium
	CW45TR18PDS	4.5x7/8-5/8 18 Segment Premium
7"	CW7TR12PDS	7x7/8-5/8 12 Segment Premium
	CW7TR24PDS	7x7/8-5/8 24 Segment Premium



Size	Part No.	Description
4.5"	CW45TR18SDB	4.5x7/8-5/8 18 Segment Standard
7"	CW7TR12SDB	7x7/8-5/8 12 Segment Standard
	CW7TR24SDB	7x7/8-5/8 24 Segment Standard

## LONG THREAD TURBO CUP WHEELS

This popular cup wheel has all the fine characteristics of our Turbo cup wheels, but it also has an extended threaded arbor to eliminate the need for additional bushings, nuts or spacers; when used with the U.S.SAWS dust shrouds. This cup wheel also has a softer bond for fast grinding on hard concrete.



Size	Part No.	Description
7"	CW7TR12SLTB	7x5/8-11 12 Segment Standard

## S-SEGMENT CUP WHEELS

The S Segment cup wheel is a 25/30 grit cup wheel designed to effectively grind through multiple layers of old coatings and leave a rougher profile on the concrete. Available in threaded or non-threaded arbor.



Size	Part No.	Description
5"	CW5SS7T	5x5/8-7/8 Premium S-Segment
7"	CW7SS720D	7x5/8-7/8 Premium S-Segment
	CW7SS20TT	7x5/8-11 Threaded Premium S-Segment

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## TORNADO CUP WHEELS

Tornado cups are a soft bond 18 grit, long segment wheel that is very aggressive, leaves a deep profile (CSP 2.5), yet doesn't leave gouge or ring marks in the concrete. Excellent for prepping for moisture mitigation coatings.



Size	Part No.	Description
7"	CW7TN3SDN	7x7/8 3 Segment #16/20 Grit
	CW7TN6SDN	7x7/8 6 Segment #16/20 Grit
	CW7TN9SDN	7x7/8 9 Segment #16/20 Grit
	CW7BT9918DN	7x7/8 18 Segment #16/20 Grit
	CW7BT9960DN	7x7/8 18 Segment #60/80 Grit

## SWAT CUP WHEELS

SWAT (Single Wheel All Tasks) cups were designed to be a good all around wheel that would provide fast coating removal, surface prep, and leveling in a medium bond, 18 grit. Available in three configurations, less segment will be more aggressive and more segments will last longer. The 6+3 is our most popular.



Size	Part No.	Description
7"	CW7SW33DS	7x7/8 6 Segment 3+3 Bi-Turbo (most aggressive) - #18/20 Grit
	CW7SW63DS	7x7/8 9 Segment 6+3 Bi-Turbo (aggressive) - #18/20 Grit
	CW7SW99DS	7x7/8 18 Segment 9+9 Bi-Turbo (longest life) - #18/20 Grit

## ARROW SEGMENT CUP WHEELS

The Arrow cup is a long lasting hard bond, 30/40 grit cup wheel with a unique segment design. The segments are angled back to allow the edge to scrape away loose materials on the floor while the diamonds cut through what is left. The arrow cups are a popular choice for flooring contractors that remove tile thin set.



Size	Part No.	Description
5"	CW5AR6PDS	5x7/8 6 Segment
	CW5AR6PTS	5x5/8-11 6 Segment
7"	CW7AR10PDS	7x7/8 10 Segment
	CW7AR10PTS	7x5/8-11 10 Segment

## PCD CUP WHEELS

The Quarter Round PCD (Poly Crystalline Diamond) uses 3/8" wide, rounded segments that scrape away surface contaminants quickly. The best use for this wheel is carpet adhesive, multiple coats of paint, flake floors, and urethane deck coatings.



Size	Part No.	Description
5"	CW5PCD4DN	5" 4 Quarter Round Segment Single Row
	CW5PCD6R	5" 6 Quarter Round Segment
7"	CW7PCD6R	7" 6 Quarter Round Segment
	CW7PCD8DN	7" 8 Quarter Round Segment Double Row

The Sharp PCD uses 1/8" wide sharp edge segments to tear through the toughest coatings. The most popular job for this wheel is to remove waterproofing coatings that have elasticity. These cup wheels will leave a very rough surface.



Size	Part No.	Description
5"	CW5PCD12S	5" 12 Sharp Segment Double Row
7"	CW7PCD24S	7" 24 Sharp Segment Double Row

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## FAST CHANGE DIAMOND TOOLING

Fast Change diamond grinding tooling is designed for fast change floor grinding machines. Using the Fast Change will help with reduce downtime, save money and increase production. Available in soft, medium, and hard bonds. Plates are available for the VSG-10 and many other makes/models of planetary machines.



Part No.	Description	Bond
SWN1G6FC	# 6 Grit Single Segment Premium	Soft
SWN1G18FC	# 16/20 Grit Single Segment Premium	Soft
SWN1GX30FC	# 30/40 Grit Single Segment Premium	Soft



Part No.	Description	Bond
SWN1R6FC	# 6 Grit Single Segment Premium	Medium
SWN1R18FC	# 16/20 Grit Single Segment Premium	Medium
SWN1R30FC	# 30/40 Grit Single Segment Premium	Medium
SWN1R60FC	# 60/80 Grit Single Segment Premium	Medium
SWN1R120FC	# 120/150 Grit Single Segment Premium	Medium



Part No.	Description	Bond
SWN1B6FC	# 6 Grit Single Segment Premium	Hard
SWN1B18FC	# 16/20 Grit Single Segment Premium	Hard
SWN1B30FC	# 30/40 Grit Single Segment Premium	Hard



Part No.	Description	Bond
DWN2G18FC	# 16/20 Grit Double Segment Premium	Soft
DWN2G30FC	# 30/40 Grit Double Segment Premium	Soft
DWN2G60FC	# 60/80 Grit Double Segment Premium	Soft
DWN2G120FC	# 120/150 Grit Double Segment Premium	Soft



Part No.	Description	Bond
DWN2R6FC	# 6 Grit Double Segment Premium	Medium
DWN2R18FC	# 16/20 Grit Double Segment Premium	Medium
DWN2R30FC	# 30/40 Grit Double Segment Premium	Medium
DWN2R60FC	# 60/80 Grit Double Segment Premium	Medium
DWN2R120FC	# 120/150 Grit Double Segment Premium	Medium



Part No.	Description	Bond
DWN2B18FC	# 16/20 Grit Double Segment Premium	Hard
DWN2B30FC	# 30/40 Grit Double Segment Premium	Hard
DWN2B60FC	# 60/80 Grit Double Segment Premium	Hard
DWN2B120FC	# 120/150 Grit Double Segment Premium	Hard

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## FAST CHANGE CONTINUED



Part No.	Direction	Description
PWNQRRWFC	Right	2 Quarter Round PCD w/ #18 Grit Stabilizer Removal Wing
PWNQLWFC	Left	2 Quarter Round PCD w/ #18 Grit Stabilizer Removal Wing



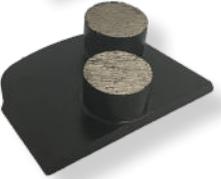
Part No.	Direction	Description
PWNQRRFC	Right	2 Quarter Round PCD Fast Change Removal Wing
PWNQLFC	Left	2 Quarter Round PCD Fast Change Removal Wing

## LAVINA BUTTON TOOLS

Lavina button tools are fast cutting metal bond tools used to remove epoxy, adhesive and thin-set. The diamonds come in several metal bonds designed specifically for the different types of concrete. The double buttons are designed for heavier grinding machines.



Part No.	Description
DT2M20LV	2 Segment 20 Grit - Medium Bond
DT2M40LV	2 Segment 40 Grit - Medium Bond



Part No.	Description
DT2H20LV	2 Segment 20 Grit - Hard Bond
DT2H40LV	2 Segment 40 Grit - Hard Bond

## TRAPEZOIDS BOLT-ON TOOLS

Trapezoid tooling is used for cleaning, smoothing and coating removal. The single bar segments are designed to maximize performance when operating smaller machines. The double bar segments offer longer life and typically perform better under heavier machines. Available in soft, medium, and hard bonds.



Part No.	Description	Bond
SWN1G18	#16/20 Grit Premium Single Bar Bolt On Wing	Soft
SWN1G30	#30/40 Grit Premium Single Bar Bolt On Wing	Soft
SWN1G60	#60/80 Grit Premium Single Bar Bolt On Wing	Soft



Part No.	Description	Colour
SWN1R18	#16/20 Grit Premium Single Bar Bolt On Wing	Medium
SWN1R30	#30/40 Grit Premium Single Bar Bolt On Wing	Medium
SWN1R60	#60/80 Grit Premium Single Bar Bolt On Wing	Medium



Part No.	Description	Bond
SWN1B18	#16/20 Grit Premium Single Bar Bolt On Wing	Hard
SWN1B30	#30/40 Grit Premium Single Bar Bolt On Wing	Hard
SWN1B60	#60/80 Grit Premium Single Bar Bolt On Wing	Hard

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS

## TRAPEZIODS BOLT-ON TOOLS CONT.



Part No.	Description	Bond
DWN2G18	#16/20 Grit Premium Double Bar Wing	Soft
DWN2G30	#30/40 Grit Premium Double Bar Wing	Soft
DWN2G60	#60/80 Grit Premium Double Bar Wing	Soft



Part No.	Description	Colour
DWN2R18	#16/20 Grit Premium Double Bar Bolt On Wing	Medium
DWN2R30	#30/40 Grit Premium Double Bar Bolt On Wing	Medium
DWN2R60	#60/80 Grit Premium Double Bar Bolt On Wing	Medium



Part No.	Description	Colour
DWN2B18	#16/20 Grit Premium Double Bar Wing	Hard
DWN2B30	#30/40 Grit Premium Double Bar Wing	Hard
DWN2B60	#60/80 Grit Premium Double Bar Wing	Hard

## EASY EDGE

Easy Edge is a revolutionary design that improves edge work quality while reducing the scratches and gouging that metal bond cup wheels can cause. The Easy Edge™ system will eliminate metal bond cup wheels on most concrete polishing projects. Easy Edge is fast, lightweight, and easy to use, resulting in a superior edge; it works well on hard, medium, and soft concrete. Dry or wet.



Part No.	Description
CW5EZ30PT	5" #30 Grit EZ Edge Ceramic Wheel
CW5EZ50PT	5" #50 Grit EZ Edge Ceramic Wheel
CW5EZ270PT	5" #270 Grit EZ Edge Ceramic Wheel
CW7EZ30PT	7" #30 Grit EZ Edge Ceramic Wheel
CW7EZ50PT	7" #50 Grit EZ Edge Ceramic Wheel
CW7EZ100PT	7" #100 Grit EZ Edge Ceramic Wheel
CW7EZ270PT	7" #270 Grit Grooved Ceramic Wheel

## RESIN PADS

The thin velcro resin pads can be used for wet or dry polishing of concrete applications. Best suited for wet grinding of concrete, terrazzo, and calcareous stone when durability and wear rates are a concern. The thick resin pads are a premium quality polishing pad for delivering exceptional gloss and clarity. They are strictly for dry polishing of concrete and cement-based terrazzo floors.



Part No.	Description
PPT030050	3" #50 Grit Polishing Pad
PPT030100	3" #100 Grit Polishing Pad
PPT030200	3" #200 Grit Polishing Pad
PPT030400	3" #400 Grit Polishing Pad
PPT030800	3" #800 Grit Polishing Pad
PPT031500	3" #1500 Grit Polishing Pad



Part No.	Description
VPN0350	3" #50 Grit Velcro Resin
VPN03100	3" #100 Grit Velcro Resin
VPN03200	3" #200 Grit Velcro Resin
VPN03400	3" #400 Grit Velcro Resin
VPN03800	3" #800 Grit Velcro Resin
VPN031500	3" #1500 Grit Velcro Resin

# DIAMOND BLADES & TOOLING CUP & ZEC WHEELS



**#12 GRIT**



**#16 GRIT**



**#24 GRIT**



**#36 GRIT**

## ZEC® SILICON CARBIDE DISC | THE ORIGINAL

Best for removal of mastics, soft coatings, urethanes, epoxies, carpet glue, or paint. Spiral design and air holes allow the disc to run cooler, preventing loading. The Zec disc are available in several grits for different coating removal applications. No backing pad is required for the wheels. Sold in packages of 5



Part No.	Description
ZEC4512L	4.5" #12 Grit
ZEC4516L	4.5" #16 Grit
ZEC4524L	4.5" #24 Grit
ZEC4536L	4.5" #36 Grit
ZEC4550L	4.5" #50 Grit
ZEC4560L	4.5" #60 Grit
ZEC4580L	4.5" #80 Grit
ZEC45120L	4.5" #120 Grit
ZEC712L	7" #12 Grit
ZEC716L	7" #16 Grit
ZEC724L	7" #24 Grit
ZEC736L	7" #36 Grit

## SILICON CARBIDE DISC | NON-BRANDED

Best for coatings removal of mastics, soft coatings, urethanes, epoxies, carpet glue, or paint. No backing pad is required for the wheels.



Part No.	Description
05-20749	4.5" #8 Grit
05-20750	4.5" #16 Grit
05-20705	7" #8 Grit
05-20700	7" #16 Grit



**EPOXY**



**GLUE/MASTIC**



**PAINT**

# ABOUT U.S.SAWS

U.S.SAWS' Surface Preparation division manufactures specialty equipment for the industrial flooring, concrete repair, and concrete polishing industries. Former owners of Sawtec®, U.S.SAWS' principals each have over 30 years of experience in the concrete repair industry and are very knowledgeable about Sawtec® products. They are dedicated to improving contractors' brand loyalty through innovative product enhancement and personal customer service.

U.S.SAWS' professional-grade surface preparation equipment line includes dust-free tools and accessories for grinding, cleaning, and polishing concrete, cutting and widening joints, and other joint clean-out applications and crack chasing equipment. The products are designed for the professional contractor who focuses on concrete repair and surface preparation where time and dust control are critical.

U.S.SAWS offers a "Satisfaction Guaranteed" policy on all products sold, "Quality, No Excuses!"

## LIMITED EQUIPMENT WARRANTY

U.S.SAWS warrants each new unit to be free from defects in material and workmanship for one year from the date of factory shipment.

This warranty does not obligate U.S.SAWS to bear any transportation charges or personnel time connected with the replacement or repair of defective parts. This warranty does not obligate U.S.SAWS to incur any expense for travel time or personnel associated with service calls.

Accessories or equipment furnished and installed on the product by U.S.SAWS but manufactured by others shall carry the accessory manufacturer's warranty.

U.S.SAWS will not, in any event, be liable to the user for any consequential damages arising out of the sale for the loss of use, loss of profits or revenue, interest, lost goodwill, or work stoppage.

## RETURN / CLAIM POLICY

1. Return of merchandise for credit or exchange must be done within 90 days of receipt. Authorized U.S.SAWS factory personnel must approve all returns, at which time an RA# (Return Authorization) will be issued. A copy of the RA will then be faxed to the customer to use as a packing list and describe any defects.
2. Obsolete parts or special orders will not be accepted for return.
3. The package MUST include a copy of the RA. Merchandise shall be returned freight prepaid unless approved otherwise. All returns NOT accompanied by an RA# will be refused.
4. Upon arrival, all items will be evaluated for credit. If an item is deemed defective, a credit will be issued toward any replacement order.
5. Each return will be subject to a 15% restocking charge.
6. Any claims of shortage, damage, defects or wrong items must be submitted to U.S.SAWS within 30 days of receipt.
7. Electric motors and gas engines are covered under the manufacturer's warranty. These items should be sent to their respective service centers for inspection, repair or replacement when deemed necessary.
8. The customer must submit a claim to the carrier when items are received damaged.

## ALL ORDERS SHIPPED IN THE U.S. OR CANADA

1. All prices quoted are F.O.B. origin.
2. All prices are subject to change without notice.
3. Discounts are not allowed on tax, freight or labor. Accounts not paid within 30 days are subject to 1.5% per month service charge (18% annual percentage rate).
4. U.S.SAWS reserves the right to bid and sell direct to the U.S. Government.
5. U.S.SAWS reserves the right to modify, alter and improve any part or parts without incurring any obligation to replace any part or parts, previously sold with such modified, altered or improved part or parts.
6. \$25.00 minimum net order for parts and accessories.

