



# SmartWasher®

## PRODUCT GUIDE





# BE SAFE BE SMART

## PROTECT YOUR TEAM AND THE ENVIRONMENT

The CRC SmartWasher® is a bioremediating parts washing system designed to clean parts and equipment during repair and maintenance operations - safely. The system combines 3 essential components – the SmartWasher® parts washer, the OzzyJuice® cleaning fluid, and the OzzyMat® filter that contains a proprietary blend of microbes.

The SmartWasher® heats and circulates the OzzyJuice® and the OzzyJuice® cleans the parts. The OzzyMat® releases the microbes into the cleaning fluid to break down and eat oil, grease and carbon-based contaminants, creating a self-cleaning system that does not generate hazardous waste.

The SmartWasher® system harnesses the power of nature to deliver exceptional cleaning performance while also eliminating the need to handle or dispose of hazardous waste, making it a safer choice over manual solvent or aqueous-based parts washers.

## WHAT IS BIOREMEDIATION?

Bioremediation is the use of microbes to break down and “eat” oil, grease, and carbon-based contaminants. This proven biotechnology is used to assist in the clean-up of wastewater treatment ponds and lagoons in petroleum refineries and industrial manufacturing facilities all around the world.

- 1 Oil contaminants enter the solution as parts are washed.
- 2 Surfactant in OzzyJuice® solution emulsifies the oils.
- 3 Emulsified oil is eaten by the Ozzy® microbes.
- 4 Oil is converted into water and carbon dioxide.



## CERTIFICATION & APPROVALS

The SmartWasher® system is a safe and highly-effective alternative to manual solvent and aqueous-based parts washers. It is eco-friendly and makes operations better and safer for the user and the environment. All OzzyJuice® solutions used in the SmartWasher® are non-hazardous, non-corrosive, pH-neutral, non-flammable, non-toxic and non-caustic. When used in accordance with directions, the SmartWasher® system does not generate hazardous waste or potential for cradle to grave legal liability.

### Clean Air Solvent Certificate

OzzyJuice® products certified “Clean Air Products” by SCAQMD (South Coast Air Quality Management District) include SW-1, SW-4, SW-6.8 and SW-X1.

### Meets US EPA Safer Product Standards

OzzyJuice® SW-4 and OzzyBooster® Microbial Enhancer have been awarded the SAFER CHOICE label and seal of approval by the EPA.

### OzzyJuice® Food Industry Approvals

NZ AsureQuality - Approved for food, beverage, dairy including dairy factories' incidental contact, SW4/SW6.8.

MPI - APPROVED C31, SW-X1/SW4 /SW6.8.

NSF - Approved A1 All fluids.

### OzzyJuice® Defence Force Approvals

NSN - National Stock Numbers  
NSN numbers for Defence Forces available upon request.





## THE PERFORMANCE ADVANTAGE

It works! CRC SmartWasher® is effective, even on the toughest carbon, grease, gunk and oils.



### Exceptional Cleaning Power

Meets or exceeds the cleaning performance of manual solvent and aqueous parts washers



### Self-Cleaning Solution

The bioremediation process keeps the fluid clean and ready to use



### Mobile Options

Save time by bringing the washer to the parts instead of the parts to the washer

## THE COST ADVANTAGE

When you compare traditional parts washers against the CRC SmartWasher®, the savings are clear.



### Less Spending

No ongoing purchase of solvent cleaners



### Minimized Waste

No changing or hauling away of cleaning fluid



### No Contracts

Eliminates hazardous waste removal contracts



### Lower Liability

No cradle to grave legal liability



## THE SAFETY ADVANTAGE



A CRC SmartWasher® delivers exceptional cleaning without any of the health risks associated with solvent and aqueous-based parts washers. It's safer for you and for the environment.



### Bioremediating Microbes

Naturally Occurring and Non-Pathogenic



### OzzyJuice® Cleaning Fluids

Non-Irritating and Environmentally-Friendly



### Safer For Employees

No Contact with Harmful Solvents



### Safer for the Environment

No Hazardous Waste



### FLEXIBLE FAUCET

Bendable design allows user to aim fluid stream directly at greasy, dirty parts.



### THE OZZYMAT®

The microbe-infused mat traps particulate matter larger than 50 microns. It is disposable and easy to change. The microbes in the mat are activated when used with OzzyJuice®. Change mat every 30 days for optimal performance.



### RECIRCULATING PUMP

Sump action recirculates system fluid and microbes through machine.



### FLOW-THROUGH BRUSH

Scrub away grease and oil with the durable brush.



### CONTROLLER

On/Off switch for pump flow.

Green light power is on.

Red light is on the fluid level is low.



# THE SMARTWASHER RANGE

SmartWasher® startup kits ship completely assembled with three OzzyMats® and enough OzzyJuice® to get started and keep going for three months.

## SW-23 MOBILE PARTS WASHER

SW-23 - Fits every application with its unique design, large sink size, mobility and amazing features. It includes an extra long angled brush/hose for those hard to reach places and a customised dolly with a footstep that makes it really easy to move around.

Overall Dimensions	1092mm (L) x 686mm (W) x 1067mm (H)
Inside Sink Dimensions	686mm (L) x 584mm (W) x 203mm (H)
Capacity	70 L
Load Capacity	180 kg
Parts Washer Structure	Heavy-Duty HOPE
Controls	Toggle Switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 Minutes
Certified	ETL (UUCSA), CE, NSF
Initial Fill	70 L



### SW-23 OPTIONAL STARTUP KIT

CONTAINS	CRC CODE	CRC DESCRIPTION
1 x SW-23 SmartWasher® system, 5 x OzzyJuice® 20L, 3 x FL-4 OzzyMat™	SW-23	SW-23
	SW-23-1	STARTER KIT SW-23 SW-1 FL-4
	SW-23-4	STARTER KIT SW-23 SW-4 FL-4
	SW-23-6.8	STARTER KIT SW-23 SW-6.8 FL-4
	SW-23-X1	STARTER KIT SW-23 SW-X1 FL-4



## SW-37 HEAVYWEIGHT PARTS WASHER

SW-37 - Tough enough for the big jobs, it has an enormous 454 kg load capacity, moves easily through the workshop area on a mobile dolly or can stay in one place with locking casters and provides a large, oversized sink to accommodate large and small parts.

Overall Dimensions	1219mm (L) x 889mm (W) x 1143mm (H)
Inside Sink Dimensions	838mm (L) x 685mm (W) x 203mm (H)
Capacity	100 L
Load Capacity	454 kg
Parts Washer Structure	Heavy-Duty HOPE
Controls	Toggle Switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 Minutes
Certified	ETL (UUCSA), CE, NSF
Initial Fill	100 L



### SW-37 OPTIONAL STARTUP KIT

CONTAINS	CRC CODE	CRC DESCRIPTION
1 x SW-37 SmartWasher® system, 6 x OzzyJuice® 20L, 3 x FL-4 OzzyMat™	SW-37	SW-37
	SW-37-1	STARTER KIT SW-37 SW-1 FL-4
	SW-37-4	STARTER KIT SW-37 SW-4 FL-4
	SW-37-6.8	STARTER KIT SW-37 SW-6.8 FL-4
	SW-37-X1	STARTER KIT SW-37 SW-X1 FL-4



## SW-25 SIGNATURE PARTS WASHER

SW-25 - Fits every budget and has everything you need in a manual parts washer and then some: toggle switch controls, a flow control timer, adjustable thermostat, and a super capacity pump.

Overall Dimensions	1991mm (L) x 737mm (W) x 1016mm (H)
Inside Sink Dimensions	660mm (L) x 432mm (W) x 203mm (H)
Capacity	100 L
Load Capacity	227 kg
Parts Washer Structure	Heavy-Duty HOPE
Controls	Toggle Switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 Minutes
Certified	ETL (UUCSA), CE, NSF
Initial Fill	80 L



### SW-25 OPTIONAL STARTUP KIT

CONTAINS	CRC CODE	CRC DESCRIPTION
1 x SW-25 SmartWasher® system, 6 x OzzyJuice® 20L, 3 x FL-4 OzzyMat™	SW-25	SW-25
	SW-25-1	STARTER KIT SW-25 SW-1 FL-4
	SW-25-4	STARTER KIT SW-25 SW-4 FL-4
	SW-25-6.8	STARTER KIT SW-25 SW-6.8 FL-4
	SW-25-X1	STARTER KIT SW-25 SW-X1 FL-4



## SW-28 SUPERSINK PARTS WASHER

SW-28 - Bigger is better with the SuperSink Parts Washer. This model is loaded with features and includes an extra large work surface for all jobs, large and small. A second brush allows two people to work at the same time.

Overall Dimensions	1194mm (L) x 965mm (W) x 1067mm (H)
Inside Sink Dimensions	1041 mm (L) x 660mm (W) x 203mm (H)
Capacity	100 L
Load Capacity	227 kg
Parts Washer Structure	Heavy-Duty HOPE
Controls	Toggle Switch
Pump Capacity	19 L per minute
Adjustable Thermostat	40 to 46°C
Flow Control Timer	10 Minutes
Certified	ETL (UUCSA), CE, NSF
Initial Fill	80 L



### SW-28 OPTIONAL STARTUP KIT

CONTAINS	CRC CODE	CRC DESCRIPTION
1 x SW-28 SmartWasher® system, 6 x OzzyJuice® 20L, 3 x FL-4 OzzyMat™	SW-28	SW-28
	SW-28-1	STARTER KIT SW-28SW-1 FL-4
	SW-28-4	STARTER KIT SW-28 SW-4 FL-4
	SW-28-6.8	STARTER KIT SW-28 SW-6.8 FL-4
	SW-28-X1	STARTER KIT SW-28 SW-X1 FL-4



# THE SMARTWASHER RANGE OVERVIEW



**SW-23** Mobile Parts/Brake Washer     **SW-25** Signature Parts Washer     **SW-28** SuperSink Parts Washer     **SW-37** MobileHeavyweightPartsWasher

Heavy-Duty HDPE Construction	●	●	●	●
Electric Operated Pump (19L/min)	●	●	●	●
Adjustable Thermostat (40 to 46°C)	●	●	●	●
Toggle Switch Controls	●	●	●	●
On-Board Diagnostics	●	●	●	●
Flow Control Timer	●	●	●	●
Two Brush Stations			●	
Dolly	●			●
Detectable Control Module				●
Up to 180kg Load Capacity	●			
Up to 227kg Load Capacity		●	●	
Up to 454kg Load Capacity				●
Certified: ETL (UL/CSA), CE	●	●	●	●

# OZZYJUICE® DEGREASING/CLEANING SOLUTION

## WHAT IS OZZYJUICE®?

OzzyJuice® is a powerful, aqueous-based degreasing/cleaning solution that is pH-neutral, non-irritating, non-flammable, and non-hazardous. Armed with superior cleaning capability, OzzyJuice® solutions will match or surpass the performance of premium solvents without the associated risks. All OzzyJuice® solutions are NSF A1 Registered.

## OZZY® MICROBES KEEP THE OZZYJUICE® CLEAN AND STRONG.

Microbes (Ozzy®), introduced into the SmartWasher® system through the OzzyMat®, eat the grease, oil and other contaminants, creating the harmless by-products of carbon dioxide and water.

## CLEAN OZZYJUICE® MEANS CLEAN PARTS.

The OzzyJuice® degreasing/cleaning solution cleans dirty parts and the Ozzy® microbes clean the OzzyJuice®, leaving it strong and clean for every use. If the unit is maintained according to the operating instructions, you should never need to haul away dirty cleaning fluid again.

PART NO#	DESCRIPTION
SW-1	SW-1 Degreasing solution 20L
SW-4	SW-4 Heavy Duty Degreasing Solution 20L
SW-6.8	SW-6.8 Aircraft, Weapons and Select Metals 20L
SW-X1	SW-X1 High-Performance Degreasing Solution 18.95L



SW-1



SW-4



SW-6.8



SW-X1

OZZYJUICE DEGREASING/ CLEANING SOLUTIONS		SW-1		SW-4		SW-6.8		SW-X1	
APPLICATION		DEGREASING SOLUTION		HEAVY DUTY DEGREASING SOLUTION		SELECT METALS DEGREASING SOLUTION		HIGH-PERFORMANCE DEGREASING SOLUTION	
20 LITRE PAIL		SW-1		SW-4		SW-6.8		SW-X1	
CONTAMINANT TYPE	Crude Oil	excellent		excellent		good		superior	
	Hydraulic Trans. Fluid	excellent		excellent		excellent		superior	
	Motor Oil	excellent		excellent		excellent		superior	
	Solder & Flux	excellent		excellent		good		superior	
	Bearing Grease	good		excellent		good		superior	
	Automotive Grease	good		excellent		excellent		superior	
	Resin Products	good		excellent		excellent		superior	
	Fifth Wheel Grease	good		excellent		good		superior	
	Creosote	excellent		excellent		good		superior	
	Impacted Grease	good		excellent		good		superior	
	Animal Fat	good		excellent		fair		excellent	
	Automotive Varnish	excellent		good		good		superior	
	Burned-On Carbon	excellent		excellent		good		superior	
	Cutting Oils	excellent		good		good		superior	
	Ink/Toner	excellent		good		fair		good	
	Asphalt	good		good		fair		good	

## POWERFUL AND EFFICIENT CLEANING



## FOR USE IN MANY DIFFERENT INDUSTRIES





# OZZYMAT®

## FL-4 MULTI-LAYER OZZYMAT®

Designed for applications with normal to heavy usage, the FL-4 Multi-Layer OzzyMat® has (4) white layers and (1) blue layer. The white layers on the mat trap any particulate larger than 50 microns and should be peeled away once a week for optimum performance. The blue layer is the support structure that contains the microbes (Ozzy®) and delivers them into the system. These microbes (Ozzy®) migrate from the OzzyMat® into the OzzyJuice®, located in the SmartWasher® tank, and break down oil and grease.

PART#	DESCRIPTION
FL-4	FL-4 OzzyMat® Multi-Layer Fluid Activation Mat



# OZZYBOOSTER®

OzzyBooster® is a microbial enhancer that can be used to enhance or “boost” microbial activity in the SmartWasher® system; it increases the density of Ozzy® (microbes) within the OzzyJuice®. When a machine is overused, there may be a need for extra microbes to help ease the load.

PART#	SIZE	UNITS/CS
OZBST	250ml Bottle	6

# OZZY APPLE SCENT®

An odor neutraliser that treats entire unit to reduce or eliminate any odors which may occur from standard parts washing.

PART#	SIZE	UNITS/CS
3335-SCENT-4	125ml Bottle	1



# OZZYBRUSHES®

## ANGLED BRUSH WITH BUTTON

Angled brush with flow control button on the handle. Standard brush on SmartWasher® models SW-23 and SW-37. OzzyJuice®, located in the SmartWasher® tank, and break down oil and grease.



PART#	DESCRIPTION
1675-BRANDB	Angled Brush with Button
1685-BRUSH	Straight Brush Replacement

## STRAIGHT BRUSH REPLACEMENT

Straight flow through brush. Standard brush on SmartWasher® models SW-25 and SW-28.

# SINK COVERS

Heavy-duty woven fabric withstands industrial and shop environments to keep dust and dirt out of the SmartWasher® sink.

PART#	DESCRIPTION	
1130-SWCOV-23	Cover for SmartWasher® SW-23 Mobile Parts Washer	
1130-SWCOV-25	Cover for SmartWasher® SW-25 Signature Parts Washer	
1130-SWCOV-28	Cover for SmartWasher® SW-28 SuperSink Parts Washer	
1130-SWCOV-37	Cover for SmartWasher® SW-37 Mobile Heavyweight Parts Washer	



- OzzyJuice® stays clean and efficient
- Eliminates unwanted dust and debris
- Reduces evaporation of OzzyJuice®



# SmartWasher®

## SALES & SERVICE SUPPORT

- Freight free to the end user
- CRC will commission each new machine with the new owner, getting it up and running quickly and efficiently for you
- CRC operates a dedicated customer care support line, available to you and your customers, for all needs. Ph: 09 272 2700, [www.crc.co.nz](http://www.crc.co.nz)
- We run an end-user customer contact programme ensuring optimal SmartWasher® system operation, regular maintenance, new product updates and consumable sales through your business
- Warranty registration programme and on going sales support for you and your customers

## OUR COMMITMENT TO YOU

*“To assist businesses in retaining the lifetime value of their correctly operating SmartWasher® system.”*



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