<u>READ ME FIRST!</u>

ADDENDUM for PS1411S

OPERATING INSTRUCTIONS / INSTRUCCIONES DE OPERACION



PORT-A-SAW Masonry / Refractory Saw PS1411S Electric Model

MODEL: PS1411S

(1-1/2 HP, 115 Volt Electric)

117400 West 119th Street Olathe, Kansas 66061, USA

Target Products Japan

Room 806 Taichi Roppongi Mansion 6-3-15 Roppongi Minato-Ku, Tokyo, Japan 106

Diamant Boart/Target Australia

26/7 Salisbury Road Castle Hill, N.S.W. 2154

Australia



<u>IMPORTANT!</u>

This document describes only the specific features of the PS1411S model. For the complete operating instructions and parts list please refer to the OPERATING INSTRUCTIONS AND PARTS LIST document supplied with the saw.

BEFORE YOU BEGIN: Read and understand all warnings and instructions before operating the Machine described in this manual. WARNINGS AND CAUTIONS IN THIS MANUAL MUST BE UNDERSTOOD AND FOLLOWED! FAILURE TO OBEY WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH. IT IS YOUR RESPONSIBILITY to make sure persons who use this machine have read this manual.

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SYMBOL DEFINITIONS DEFINICIÓN DE SIMBOLOS



- Please read the instructions for use prior to operating the machine for the first time.
- Antes de la puesta en marcha, lea detenidamente las instrucciones y familiaricese con la máquina.



- Mandatory
- Obligatorio



- Indication
- Indicación



- Prohibition
- Prohibición



- Warning Triangle
- Triángwulo De Advertencia



- · Wear Eye Protection
- Usar Gafas De Protección



- Wear Head Protection
- Usar Casco De Protección



- Wear Breathing Protection
- Usar Máscara De Protección



- The Use Of Ear Protection Is Mandatory
- Es Obligatorio El Uso De Protección Auditiva



- Wear Safety Shoes
- Usar Zapatos De Seguridad



- · Wear Appropriate Clothing
- Usar Ropa Adecuada



- Motor Off
- Parar El Motor



- Use In Well Ventilated Area
- Usar En Una Área Bien Ventilada



- Do Not Use In Flammable Areas
- No Usar In Áreas Inflamables



- Machinery Hazard, Keep Hands And Feet Clear.
- Máquina Peligrosa Mantenga Manos Y Pies Alejados De La Máquina



- Danger, Poison Exhaust Gas
- Peligro, Gases De Escape Tóxicos



- No Non-working Personnel In Area
- Prohibido Para Personas Ajenas A La Obra



- No Smoking
- No Fumar



- Do Not Operate Without All Guards In Place
- No Operar Sin Todas Las Protecciones In Su Sitio



- Always Keep the Blade Guards In Place
- Mantenga Siempre Las Protecciones De La Hoja En Su Sitio



- Keep Work Area Clean/Well Lit, Remove All Safety Hazards
- Mantenga Limpio El Sitio De Trabajo/Bien Iluminado, Elimine Todos Los Riesgos De Seguridad



- Dangerously High Noise Level
- Nivel De Ruido Elevadamente Peligroso



- Pay Extreme Attention To The Care And Protection Of The Machine Before Starting Up
- Ponga Extrema Atención Al Cuidado Y Preparación De La Máquina Antes De Ponerla En Marcha



- · Remove Tools From Area and Machine
- Elimine Las Herramientas Del Área Y De La Máquina



- Oil Required
- Necesita Aceite



- · Dipstick, Maintain Proper Oil Level
- Varilla De Control, Mantenga El Nivel De Aceite Correcto



- Lubrication Point
- Punto De Lubrication



- Unleaded Fuel Only
- Solamente Combustible Sin Plomo



- · Repairs Are To Be Done By An Authorized Dealer Only
- Las Reparaciones Deben Ser Efectuadas Únicamente Por Un Distribuidor Autorizado



- · Diamond Blade
- Sierra Diamantada



- Blade Diameter
- Diámetro De La Hoja

FIGURES (Model PS1411S):



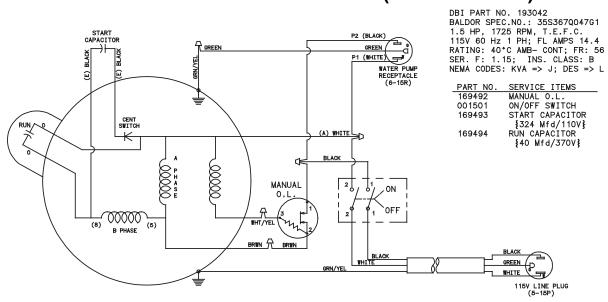
Only Unique Items For Model PS1411S Shown (See Operating Instruction Document for items not shown on FIG. 9)

PS1411S Parts Identification:

PP. Reset Button (PS1411S Only)

RR. ON / OFF Power Switch (PS1411S Only)

WIRING DIAGRAM: 1-1/2 HP ELECTRIC MOTOR (Model PS1411S)



NOTES:

- * SINGLE VOLTAGE 115V WITH:

 * 300V SJT-W CORD & MOLDED PLUG (5-15P)

 * PIGTAIL WATER PUMP RECEPTACLE (5-15R)
- 2. CCW ROTATION FACING END OPPOSITE SHAFT EXTENSION. NON-REVERSIBLE.

PART NO.	SPEC. NO.	HP	RPM	VOLT	HZ	PH	F.L.AMPS
193042	35S367Q047G1	1.5	1725	115	60	1	14.4

SAFETY WARNINGS FOR OPERATION OF THIS MACHINE

- DO read this entire operator's manual before operating this machine. Understand all warnings, instructions, and controls.
- **DO** keep all guards in place and in good condition.
- **DO** wear safety-approved hearing, eye, head and respiratory protection.
- **DO** read and understand all warnings and instructions on the machine.
- **DO** read and understand the symbol definitions contained in this manual.
- **DO** keep all parts of your body away from the blade and all other moving parts.
- **DO** know how to stop the machine quickly in case of emergency.
- **DO** shut off the engine and allow it to cool before refueling.
- **DO** inspect the blade, flanges and shafts for damage before installing the blade.
- **DO** use only reinforced abrasive blades or steel center diamond blades manufactured for use on masonry saws.
- **DO** use only blades marked with a maximum operating speed greater than the blade shaft speed. Verify speed by checking blade shaft rpm and pulley diameters and blade flange diameters.
- **DO** verify saw drive configuration by checking blade shaft RPM, pulley diameters, and blade flange diameter.
- DO read all safety materials and instructions that accompany any blade used with this machine.
- DO inspect each blade carefully before using it. If there are any signs of damage or unusual wear, DO NOT USE THE BLADE.
- **DO** mount the blade solidly and firmly, Wrench tighten the arbor nut.
- **DO** make sure the blade and flanges are clean and free of dirt and debris before mounting the blade on the saw.
- **DO** use dry cutting diamond blades with a 1 □ diameter arbor only. Never use damaged or worn blade flanges.
- **DO** use the correct blade for the type of work being done. Check with blade manufacturer if you do not know if blade is correct.
- **DO** operate this machine only in well ventilated areas.
- **DO** instruct bystanders on where to stand while the machine is in operation.
- **DO** establish a training program for all operators of this machine.
- **DO** clear the work area of unnecessary people. Never allow anyone to stand in front of or behind the blade while the engine is running.
- **DO** make sure the blade is not contacting anything before starting the engine.
- **DO** always tie down the machine when transporting.
- **DO** use caution and follow instructions when setting up or transporting the machine.
- **DO** have all service performed by competent service personnel
- **DO** verify the blade arbor hole matches the machine spindle before mounting the blade.
- **DO** make sure the gas caps of the machine and the fuel can are properly tightened before starting the engine. Move fuel can at least 10 feet from machine after fueling.
- **DO** clean the machine after each day's use.
- **DO** remove adjusting keys and wrenches from tool before turning it on.
- **DO** keep the handles dry, clean and free of oil and dirt.
- **DO** carefully maintain and clean for better and safer performance. Follow instructions for changing accessories. Inspect tool cords periodically and, if damaged, have repaired by authorized service facility.
- **DO** use the proper blade flange size for each blade size. Never use damaged or worn blade flanges.
- **DO** use caution when handling fuel.
- **DO** only cut in a straight line.
- **DO** only saw as deep as the job specifications require.
- DO always give a copy of this manual to the equipment user. If you need extra copies, call TOLL FREE 1-800-288-5040.
- DO make sure electric powered machines are plugged into a properly grounded circuit.
- **DO** make sure power cords are the proper size and in good condition.
- **DO** follow all electrical codes in your area.
- DO use correct voltage and proper extension cords. Never carry tool by cord or yank it to disconnect it from receptacle. Keep cord away from heat, oil and sharp edges.
- DO disconnect tools from power source when not in use, before servicing and, when changing accessories.
- DO carefully maintain and clean for better and safer performance. Follow instructions for changing accessories. Inspect tool cards periodically and, if damaged, have repaired by authorized service facility.

SAFETY WARNINGS FOR OPERATION OF THIS MACHINE

DO NOT	operate this machine unless you have read and understood this operator's manual.
DO NOT	operate this machine without the blade guard, or other protective guards in place.
DO NOT	Leave this machine unattended while the engine is running.
DO NOT	Work on this machine while the engine is running.
DO NOT	Operate this machine when you are tired or fatigued.
DO NOT	Use a wet blade without adequate water supply to the blade.
DO NOT	Exceed maximum blade speed shown for each blade size. Excessive speed could result in blade breakage.
DO NOT	Operate the machine if you are uncertain of how to run the machine.
DO NOT	Use damaged equipment or blades.
DO NOT	Touch or try to stop a moving blade with your hand.
DO NOT	Cock, jam, wedge or twist the blade in a cut.
DO NOT	Transport a cutting machine with the blade mounted on the machine.
DO NOT	Use a blade that has been dropped or damaged
DO NOT	Use carbide tipped blades.
DO NOT	Use segmented diamond blades without water unless specifically designed for dry cutting.
DO NOT	Touch a dry cutting diamond blade immediately after use. These blades require several minutes to cool after
	each cut.
DO NOT	Use damaged or worn blade flanges.
DO NOT	Allow other persons to be near the machine when starting, refueling, or when the machine is in operation.
DO NOT	Operate this machine in an enclosed area unless it is properly vented.
DO NOT	Operate this machine in the vicinity of anything that is flammable. Sparks could cause a fire or an explosion.
DO NOT	Allow blade exposure from the guard to be more than 180 degrees.
DO NOT	Operate this machine while under the influence of drugs or alcohol.
DO NOT	Operate this machine with the belt guard or blade guard removed.
DO NOT	Operate this machine unless you are specifically trained to do so.
DO NOT	Use a blade that has been over heated (Core has a bluish color).
DO NOT	Jam material into the blade.

Start cutting with a saw until you have a clear work area and secure footing.

DO NOT

DO NOT

Grind on the side of the blade.

This saw was designed for certain applications only. DO NOT modify this saw or use for any application other than for which is it was designed. If you have any questions relative to its application, DO NOT use the saw until you have written Diamant Boart, Inc. and we have advised you.

Diamant Boart, Inc. 17400 W. 119th Street Olathe, Kansas 66061

PO	RT-A-SAW SPECIFICATIONS (Model PS1411S Only)
MODEL NO.	PS1411S **
TYPE	1-1/2 HP Electric (115 Volts)
Item No.	
(with Water Pump)	M50114
Blade Guard	10 – 14"
Capacity	(250 – 350 mm)
Blade Shaft RPM	2150
Max. Depth Of Cut	5.0" (127 mm)
Blade Arbor Size	1.00" (25.4 mm)
Blade Shaft:	Sealed Ball Bearings
Blade Shaft Drive:	One 360J6 Poly-V Belt
Blade Guard:	One Piece Steel, Sta-Level™ Design, 14" (350 mm) Maximum Capacity
Blade Coolant:	Water
Water Pan:	3.86 x 17.73 x 30.73 Inch (98 x 450 x 780.5 mm), 6.75 Gallon (25 Liter) Capacity (At 3 " Depth)
Conveyor Cart:	Cast Aluminum w/ Vulcanized Rubber Top, Adjustable Measuring Rule, 45° / 90° Cutting Guide
Water Pump:	
PS1411S	100 Gallons / Hour, Submersible, Totally Epoxy Sealed, Thermal Over Load Protected
Electric Model Only:	
Frame:	Heavy duty, Jig Welded "X" Braced Steel, Open Throat Design For Unlimited Ripping
Weight, Pounds (kg):	474 (77.7)
Saw Crated:	171 (77.7)
Saw Uncrated:	160 (72.7)
Saw Operating	004 (400 5)
(Water In Pan):	221 (100.5)
Folding Stand	24 (40.0)
(Unboxed): Foot Pedal Kit	24 (10.9)
	14 (6 4)
(Boxed): Electric Cord:	14 (6.4) N / A
Electric Cord.	IN / A

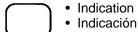
PORT-A-SAW POV	VER SOURCE
MODEL NO.	SPS-1S **
TYPE	Electric
Engine / Motor:	Baldor
Horsepower (kw):	1-1/2 (1.1)
RPM:	1725
Specifications:	T.E.F.C
Voltage:	115
Cycle (Hz) / Current / Phase:	60 / A.C. / 1
Full Load Amps:	14.4 (at 115 V) **
Displacement:	
Bore:	
Stroke:	
Cylinders / Cycle:	
Fuel Capacity:	
Oil Capacity:	
Air Filter:	
Starter:	Capacitor
Coolant:	Air
** Motor On PS1411S is designed to r Phase Electrical Circuit (Household El	



- Mandatory
- Obligatorio



- Prohibition
- Prohibición





- Warning Triangle
- Triángwulo De Advertencia

These signs will give advice for your safety



Before leaving our factory every machine is thoroughly tested.

Follow our instructions strictly and your machine will give you long service in normal operating conditions.

1. Features

See Operating Instructions / Parts List Document

Nominal Weight: See "Specifications on this document"

Operating Weight: See "Specifications on this document"

<u>Blade Shaft RPM:</u> See "Specifications" See "Specifications on this document"



Before starting up machine make sure you read these instructions and the separate OPERATING INSTRUCTIONS document supplied with the unit, also make sure that you are familiar with the operation of this machine.



The working area must be completely clear, well lit and all safety hazards removed (no water or dangerous objects in the vicinity)







The operator must wear protective clothing appropriate to the work he is doing.







We recommend hearing, respiratory and eye protection.



Any persons not involved in the work, should leave the area.



Use only blades marked with a maximum operating speed greater than the blade shaft speed.

2. Assembly

PS1411S Electric Model:

 Assemble the PS1411S Model using the instructions provided in the OPERATING INSTRUCTIONS AND PARTS LIST document supplied with this saw.

PS1411S Electric Model:

 The single phase masonry saw motor is furnished with the correct NEMA configuration PLUG (OO) on the motor pigtail. The matching connectors are as follows:

El	ectric Motor	Plugs & Con	nectors
Motor	Rating	Motor Pigtail Plug (NEMA No.)	Connector Required (NEMA No.)
1-1/2 HP	15A, 125V	5-15P	5-15R

IMPORTANT NOTE: The PS1411S model has a single voltage ONLY motor. The motor CAN NOT be rewired for 208-230 volts. Also the motor on this saw DOES NOT have a voltage change switch mounted on the terminal box like the PS1411 model.



WARNING: Always make sure the saw in connected to a properly grounded electrical outlet. Failure to comply with this warning could result in serious bodily injury or death!



WARNING: DO NOT operate on low voltage! Low voltage causes loss of power, motor overheating, and possibly motor winding burnout. Voltage should be checked at the motor while it is operating.

Good motor performance depends on proper voltage. Extension cords that are too long and / or too small reduce the voltage to a motor under load. Use extension cords **NO SMALLER** than the sizes indicated in the chart shown below:

L	EXIEN	SION C	ORD S	IZE (Mi	nimum)
MOTOR	50 ft	Long	75 ft	Long	100 ft	Long
HP	120 V	230 V	120 V	230 V	120 V	230 V
1-1/2	# 12	N. A.	# 10	N. A.	# 10	N. A.

3. Check Before Operating

See Operating Instructions / Parts List Document

All Models:





























Electric Models Only:

 Make sure that the extension cord length is properly sized for the motor used on this saw. See the chart in Section 2 of this document.



WARNING: Make sure the unit is connected to a properly grounded outlet. Failure to comply with this warning could result in serious bodily injury or death!

4. Fitting The Blade (See FIG. 7)

See Operating Instructions / Parts List Document



WARNING: Conventional "Wet" diamond blades MUST be used with water. DO NOT use conventional "Wet" diamond blades without water. Using conventional "wet" diamond blades without water can result in injury or death of the operator or persons in the work area!



Warning: Use only Abrasive blades of a reinforced type. Never use an abrasive blade with water.

5. Operating Instructions

 STARTING / STOPPING THE UNIT (PS1411S Electric Model Only):

The ON / OFF POWER SWITCH (See FIG. 9) is located on the front of the motor. It is NOT remote mounted on the head platform, as with the 115/208-230V 1-1/2 hp motor.



Stop the unit by turning the *POWER SWITCH* (*RR*), located on the motor, to the *OFF* position (See FIG. 9 on this document). Wait for all blade movement to stop before removing material from the machine.

See Operating Instructions / Parts List Document for Complete Operating Instructions



WARNING: Conventional "Wet" diamond blades MUST be used with water. DO NOT use conventional "Wet" diamond blades without water. Using conventional "wet" diamond blades without water can result in injury or death of the operator or persons in the work area!



WARNING: When cutting without water use only diamond blades that are intended to be used dry (without water). Conventional "Wet" diamond blades MUST be used with water.



WARNING: Keep hands clear of rotating blade during operation. READ ALL SAFETY WARINGS before operating this machine.

6. Incidents During Operation

- If the engine or motor stops during sawing, check the following:
- a) Interruption to electrical connection: Check all electrical connections.
- b) Manual Overload switch has been tripped: Single phase, 60 Hertz motors are equipped with a manual overload RESET BUTTON (PP) (See FIG. 9). If the motor stops because of an electrical overload and the overload RESET BUTTON (PP) trips, turn the motor POWER SWITCH (RR) (On the motor) to the OFF position (See FIG. 9). Allow the motor to cool for 5 to 10 minutes, then push the RESET BUTTON (PP). A click indicates that the motor is reset and ready for operation. Restart the motor by turning the POWER SWITCH (RR) to the ON position.

See Operating Instructions / Parts List Document

7. Maintenance



WARNING: Before performing any maintenance, ALWAYS locate the machine on a level surface with the engine / motor OFF, and the start switch in the OFF position, and the power source disconnected.

See Operating Instructions / Parts List Document

8. V-Belt Tension

See Operating Instructions / Parts List Document

9. Important Advise

See Operating Instructions / Parts List Document



WARNING: Never use fire bricks to "sharpen" or dress diamond blades!

10. Accessories

See Operating Instructions / Parts List Document

11. Repairs

See Operating Instructions / Parts
List Document

12. Spare Parts

See Operating Instructions / Parts
List Document

PARTS LIST LISTA DE PIEZAS

See Operating Instructions and Parts List Document Supplied with the unit.

Note: Use a document dated April 1998 or later to get the correct parts for the model PS1411S.

Notes:		

Target's New Equipment Warranty

Except as noted below. Target warrants that its new equipment will be free from manufacturing defects for a period of two (2) years from date of purchase by the original consumer purchaser.

The above warranty is subject to the following new equipment exceptions:

1. The warranty time period for the following new equipment is limited as follows:

Gas-powered Quickie® Super & Turbo Saws - Three (3) months

Blue Gator™ Diamond Chain Saws – Three (3) months

Multi-flow Hydraulic Power Pak – Three (3) months

DM100 Hand Drill – Six (6) months

Electric-powered Quickie® Super Saw & TruCore Drill Rigs - One (1) year

2. To the extent the following components are part of any the new equipment, Target's warranty on the component parts is limited to the manufacturer's warranty period set out below:

ManufacturerWarranty Period GAS and DIESEL ENGINES	ManufacturerWarranty Period ELECTRIC & HYDR. MOTORS	ManufacturerWarranty Period TRANSMISSIONS
Briggs & Stratton2 years	Baldor1 year	Eaton3 years*
Koler Gas2 years	Leeson1 year	Sunstrand3 yrs./1,000 hrs.*
Robin Gas 2 years	Bosch6 months	(* from date of manufacture)
Honda Gas2 years	MilwaukeeLifetime	
Wisconsin Gas1 year	DeWalt1 year	HYDRAULIC PUMPS
Hatz Diesel1 year	Eibenstock6 months	Fenner-Stone1 year
Continental2 years	Lincoln1 year	John S. Barnes Co1 year
Briggs & Stratton	DTI Hydr Motor1 year	
Vanguard Engine2 years		WATER PUMPS
Briggs & Stratton	AIR MOTORS and VAC. PUMPS	Jasbsco1 year
8 HP Engine60 days	Gast1 year	Beckett1 year
Deutz Diesel1 year	•	Teal (Blue Gator TM) year
2 Tanant's abligation and a this a		1 Ol-41

- 3. Target's obligation under this warranty is expressly limited to the replacement or repair at Target, Olathe, KS 66061, or at a service facility designated by Target, of such parts as inspection shall disclose to have been defective. This warranty does not cover labor, except for gas powered Quickie Super saws and does not cover maintenance items such as belts, air filters, bearings and wheels. Purchaser will be responsible for paying for shipping costs to and from the location where the equipment is to be repaired or replaced. Motors and engines are to be serviced by the nearest factory authorized service center. These service centers are designated by the manufacturer of the engine/motor. **Under no circumstances will Target be responsible for incidental or consequential damages.**
- 4. Target's warranty does not apply to defects caused by damage, abuse, modifications, low voltage, acts of God, unreasonable use, faulty repairs made by others or defects caused by failure to provide reasonable maintenance. All warranties are void if the equipment or any of its components are altered or modified by the purchaser, or of the product is used in a manner or with a blade not recommended by the manufacturer.
- 5. The forgoing express warranties are in lieu of all other warranties. TARGET EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Please record the Date of Purchase and the Serial Number of your saw in the space below. (The serial number is located on the side of the motor.) When ordering service items, please have this information available.

Serial Number:	Date of Purchase:	
Model Number:	Where Purchased:	

For any missing, damaged or service items needed, DO NOT return to original store of purchase, instead contact:

TARGET CUSTOMER SERVICE

Cust. Service Phone.....1-800-288-5040 Cust. Service FAX......1-800-825-0028

Target Corporate Office	Target Australia, New Zealand/Dembicon Pty. Ltd
Customer Service 800-288-5040	29 Kinkaid Avenue
Corp. Office 913-928-1000	North Plympton, Adelaide SA 5037
Cust. Service FAX 800-825-0028	Australia
Corp. Office FAX	Phone 61-83751000
Cust. Service, Int'l 913-928-1300	FAX 61-83710990
Int'l. E-mail rcoats@db-inc.com	E-mail enquiries@dembicon.com.au
The Land Country of the Country of t	Internet www.dembicon.com.au
Target Latin America, Mexico, Caribbean,	monot minimum www.domboomdomaa
Central and South America	Target Brazil
17400 West 119th Street	Pix Do Brasil
Olathe, Kansas 66061	Rua José de Oliveira Coutinho
Phone	São Paulo, Brazil CEP 01144-020
FAX	Phone 55 11 3611-8383
E-mailhleon@db-inc.com	FAX 55 11 3619-3022
L mair fileon@ab inc.com	E-mail
Target Canada	E maii pixbrasii @ doi.com.bi
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	Target Singapore, Thailand, Vietnam,
Olathe, Kansas 66061	Malaysia, Indonesia
Olathe, Kansas 66061 Customer Service 800-288-5040	Malaysia, Indonesia Phone 65-9628-6175
Olathe, Kansas 66061	Malaysia, Indonesia Phone 65-9628-6175 FAX 65-234-2896
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone 65-9628-6175
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone 65-9628-6175 FAX 65-234-2896 e-mail reeh@singnet.com.sg
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone 65-9628-6175 FAX 65-234-2896 e-mail reeh@singnet.com.sg European Headquarters
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone 65-9628-6175 FAX 65-234-2896 e-mail reeh@singnet.com.sg European Headquarters DB Construction Business Group Avenue Du Pont De Luttre, 74 1190 Brussels, Belgium Phone (32-2) 348-3669 FAX (32-2) 348-3136
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone 65-9628-6175 FAX 65-234-2896 e-mail reeh@singnet.com.sg European Headquarters DB Construction Business Group Avenue Du Pont De Luttre, 74 1190 Brussels, Belgium Phone (32-2) 348-3669 FAX (32-2) 348-3136
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone 65-9628-6175 FAX 65-234-2896 e-mail reeh@singnet.com.sg European Headquarters DB Construction Business Group Avenue Du Pont De Luttre, 74 1190 Brussels, Belgium Phone (32-2) 348-3669 FAX (32-2) 348-3136
Olathe, Kansas 66061 Customer Service	Malaysia, Indonesia Phone



WARNING



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

