DiamaPro®
SYSTEMS

OWNER'S MANUAL

DCP-PRO

DUAL POWER JOINT PUMP

OPERATION & MAINTENANCE MANUAL

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

⚠ WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

IMPORTANT WARNINGS AND SAFETY INSTRUCTIONS

⚠ WARNING

CALIFORNIA PROP 65 WARNING

Use of this product can cause exposure to materials known to the State of California to cause cancer and/or birth defects or other reproductive harm.
www.P65Warnings.ca.gov

⚠ WARNING

This product contains one or more chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

WARRANTY REGISTRATION CARD

Form must be completed and submitted within 30 days from the date of purchase.

Customer Information

First and Last Name

Company Name

Address | City | State | Zip Code

Phone Number | Email

Machine Information

Machine Type | Machine Model

Serial # | Purchase Date (dd/mm/yy)

DiamaPro® Systems
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Atlanta, GA 30326

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INTRODUCTION

Thank you for purchasing a DIAMAPRO® SYSTEMS product. This manual provides information and procedures to safely operate and maintain the DiamaPro® DCP-PRO DUAL POWER JOINT PUMP. For your own safety and protection from injury, carefully read, understand, and observe the safety instructions described in this manual. Keep this manual or a copy of it with the machine. If you lose this manual or need an additional copy, please download from our website or contact DiamaPro® Systems. This machine is designed and built with user safety in mind; however, it can present hazards if improperly operated and serviced. Please follow the operating instructions carefully. If there are any questions regarding operating or servicing of this machine, please contact DiamaPro® Systems.

Disclaimer: DiamaPro® Systems and its affiliates take no responsibility for any damage, injury or death resulting from the incorrect or unsafe use of this product. The use of this product should be undertaken by competent people only. It is the operator's responsibility to ensure that the following safety procedures are followed. If you are unsure, **DO NOT OPERATE** this product.

It is the responsibility of the owner/user to verify correct mixing ratio and proper cure before each use including after stoppage as explained in the operating instructions and in accordance to the material manufacturers guidelines and specifications.

1. GENERAL INFORMATION

1.1 SAFETY CLASSIFICATIONS

These classifications are here to inform and alert you to potential hazards or situations to you, job site bystanders, or your equipment. Take the time to understand these classifications and pay close attention when you see these words and icons in the book or on the machine. Always carefully read and follow all instructions. ***YOUR SAFETY IS AT STAKE.***

⚠ DANGER

A DANGER indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING

A WARNING indicates a hazardous situation in which serious injury or death could result if the warning is ignored.

⚠ CAUTION

A CAUTION indicates a hazardous situation in which injury, damage to your machine, or both could result if the caution is ignored.

NOTICE

A NOTICE indicates information that is important but not hazard related.

Helpful Tip!

A Helpful Tip indicates items that may be helpful to the operator during use of this machine.

1.2 SAFETY SIGNS

It is necessary to recognize the meaning of the signs present on the machine and keep their message readable. In case of damage replace them immediately, preventing the use of the machine. The DiamaPro® ROG-60+ bears the following safety signs (pictograms).

NOTICE SIGN "Must Read the Manual"	
NOTICE SIGN "Mandatory Use of Head and Eye Protection	
NOTICE SIGN "Mandatory Use of Safety Shoes"	
NOTICE SIGN "Mandatory Use of Appropriate Respirator"	
NOTICE SIGN "Wear Appropriate Clothing"	
NOTICE SIGN "Mandatory Use of Hand Protection"	
NOTICE SIGN "Mandatory Use of Electrostatic Grounding Equipment at all Times"	

NOTICE

Do not remove, damage or modify the pictograms on the machine. Before each work shift, check their presence and good condition. In case of deterioration, replace them, preventing the use of the machine until the replacement has taken place.

1.3 SPARE PART ORDERS

The order of replacement parts must clearly state the data necessary for their identification and the data shown on the machine identification plate. Ex.:

- Machine model
- Type
- Serial number
- Year of construction
- Description
- Requested quantity
- Shipping method
- Address, telephone number and name

For any additional information please contact the manufacturer.

2. OPERATING & ENVIRONMENT SAFETY

2.1 SAFETY BEFORE OPERATING

- This equipment is for professional use and trained adult personnel only.
- This equipment is NOT to be used by untrained persons.
- This equipment is NOT for non professional consumer use.
- Become completely familiar with the pump before operation.
- Read all safety recommendations on the Safety and Technical Data Sheets of the material you will be pumping. Follow all recommendations.
- Wear appropriate safety and protective clothing and equipment including gloves and safety goggles, full face shield during operation and while handling chemicals.
- Only operate machine in areas of sufficient ventilation.
- Do NOT operate with loose wires or hoses.
- Do NOT operate in wet or combustible environments.
- Do NOT operate pump with gear box panels or electronics box panels removed.
- Do NOT operate while under the influence of drugs, alcohol or medication.
- Keep hands and clothing free from all moving chains, gears and moving parts while operating the equipment.
- Be sure to strap the pump securely and use the wheel brakes before transporting.
- Always use the same tanks (A or B) for the same material to minimize risk of material hardening inside of the tank, pump, hoses and other parts.
- Service to any mechanical or electric components are only to be performed by trained professionals
- Any service on electric components and / or mechanical components must be performed while the machine is disconnected from any source of power.
- STORE AWAY FROM CHILDREN AND ANIMALS, IN DRY, SHADED, VENTILATED CONDITIONS AT ROOM TEMPERATURE.
- Do not operate if wires or hose are damaged

3. MACHINE OPERATION

3.1 SAFETY INSTRUCTIONS

3.1.1 KNOW THE RULES & YOUR EQUIPMENT

Most job sites have rules governing equipment use & maintenance. Before starting at a new work location, check with the supervisor or safety coordinator. Ask about any rules or regulations you need to abide by. OSHA enforces federal laws within the United States that apply to the safe operation, application, & maintenance of equipment on job sites. It is the employer's responsibility to comply with these laws. Do not operate this machine unless you carefully read the operations and maintenance manual.

3.1.2 RECEIVE PROPER TRAINING

Do not operate this machine unless you have received operational and maintenance training from a DiamaPro® Systems representative or from an authorized distributor for DiamaPro® Systems.

3.1.3 PROTECT YOUR FEET.

Observe all applicable local, state and federal safety regulations. Wear OSHA approved foot protection.

3.1.4 PROTECT YOUR EYES.

Observe all applicable local, state and federal safety regulations. Wear OSHA approved safety glasses.

3.1.5 PROTECT YOUR LUNGS.

To protect your lungs from chemical fumes, use proper ventilation when working with hazardous substances, such as opening windows or using exhaust fans. Wearing appropriate personal protective equipment (PPE), such as respirators or masks designed for specific chemicals, can significantly reduce inhalation risks. Follow safety guidelines and regulations, including using materials in well-ventilated areas, avoiding exposure whenever possible, and ensuring access to safety data sheets for the chemicals being used.

3.1.6 PROTECT YOUR HEARING.

Observe all applicable local, state and federal safety regulations. Wear OSHA approved hearing protection.

3.1.7 DRESS PROPERLY.

Do not wear loose clothing or jewelry that can be caught in moving parts. Wear protective hair covering to contain long hair. Keep hair away from moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors.

3.1.8 AVOID A DANGEROUS ENVIRONMENT.

Do not expose machine to rain. Do not use machine in wet conditions. Water entering a power tool will increase the risk of electric shock. Keep work area well lit. When working at an elevated location, pay attention to articles and persons below. If operating the power tool in damp locations is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected supply. Use of an GFCI reduce the risk of electric shock.

3.1.9 ELECTRICAL SAFETY

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

3.1.10 ELECTRICAL CORD MANAGEMENT

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

3.1.11 KNOW THE RULES & YOUR EQUIPMENT
Most job sites have rules governing equipment use & maintenance. Before starting at a new work location, check with the supervisor or safety coordinator. Ask about any rules or regulations you need to abide by. OSHA enforces federal laws within the United States that apply to the safe operation, application, & maintenance of equipment on job sites. It is the employer's responsibility to comply with these laws. Do not operate this machine unless you carefully read the operations and maintenance manual.

3.1.12 KEEP WORK AREA CLEAN. DO NOT RUN OVER ANYTHING.
Make sure area to be filled is clear from people and any loose objects, nuts, bolts, etc.

3.1.13 KEEP CHILDREN AND VISITORS AWAY.
Do not let children or visitors contact machine or extension cord. Keep children and visitors away from the work area.

3.1.14 KEEP FIRM GRIP ON MACHINE.
During normal operation, keep a firm hold on the handle grips and maintain control of the machine.

3.1.15 SHUT OFF MACHINE.
When not in use, before servicing and when changing accessories, release the lever switch and move the on/off switch to the OFF position.

3.1.16 STORE IDLE EQUIPMENT.
The machine and tools should be stored in a dry and secure location when not in use. Keep equipment out of reach of children.

3.1.17 OBTAIN SAFETY DATA SHEET (SDS) FOR ALL WORK SURFACE MATERIALS.
This includes primers, all coatings, adhesives, tile and crack filling materials, etc. Do not attempt to cut, clean out or remove material without SDS information. Consult SDS sheet for hazards information. Be aware that some materials are explosive as a dust. SDS can be acquired from chemical distributor.

3.1.18 DO NOT OVERREACH.
Keep proper footing and balance at all times.

3.1.19 MAINTAIN MACHINE WITH CARE.
Keep machine clean and follow maintenance procedures for better and safer performance. Keep handles dry, clean, and free from oil and grease. Follow instructions for lubricating and changing accessories.

3.1.20 REMOVE ADJUSTING TOOLS.
Form a habit of checking to see that tools such as adjusting wrenches are removed from the machine and properly stored before starting

.

3.1.21 STAY ALERT.
Watch what you are doing. Use common sense. Do not operate machine when you are tired or fatigued.

3.1.22 DO NOT USE DRUGS, ALCOHOL, MEDICATION.
Do not operate machine while under the influence of drugs, alcohol, or any medication.

3.1.23 KEEP THE RIGHT PARTS IN THE RIGHT POSITIONS.
Do not operate machine with parts missing or improperly mounted.

3.1.24 CHECK DAMAGED PARTS.
Verify all machine guards are in good condition and will function properly before using the machine. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect machine operation. A guard, power switch or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this instruction manual. Do not operate machine if on/off does not function properly.

3.1.25 SECURELY MOUNT ACCESSORIES TO THE MACHINE.
Extra care must be taken an elevated location to prevent injury to someone on a lower level in the event the tool or accessory should drop. Do not operate without fall protection for operator and debris protection for public.

3.1.26 NEVER TOUCH THE MOVING PARTS.
Never touch moving parts such as chains, wheels, sprockets and others.

3.1.27 STOP OPERATION IMMEDIATELY IF ANY ABNORMALITY IS DETECTED.
Stop using machine immediately if any abnormalities are observed during operation. Examples of abnormalities include unusual noise and vibration.

3.1.28 WHEN REPLACING A PART, USE THE SAME TYPE AND QUALITY.
When replacing a component part with a new one, use only the same type and quality of new part. Never attempt to repair a machine if you are unfamiliar with proper procedures and techniques required.

3.1.29 LOAD AND UNLOAD SAFELY.
Use proper heavy lifting procedures. Read & understand manuals before loading & unloading.

3.1.30 SAVE THESE INSTRUCTIONS.
Refer to this operations and maintenance manual as well as any additional instructions included from other manufacturers and organization. Never permit anyone to operate the machine without proper instructions.

3. MACHINE OPERATION (cont.)

3.2 OPERATION CHECKLIST

3.2.1 Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in injury or damage to equipment.

⚠ WARNING

Read and fully understand operator's manual before using this machine. Failure to follow operating instructions could result in death or serious injury.

3.2.2 After each use, clean tanks, pumps, lines, and manifold.
No cross contamination.
Proper mixing ratio = proper material cure

TO PREVENT SERIOUS INJURY DO NOT OPERATE PUMP WITHOUT PROPER TRAINING AND. UNDERSTANDING OF THE OWNERS MANUAL WHEN OPERATING THIS MACHINE


Wear proper electrostatic grounding equipment at all times.


Flying debris.Wear eye protection.


Mandatory use of head protection and breathing protection


Wear hand protection.

⚠ WARNING

Improperly maintaining the Polymer Pump failing to correct a problem before operation could cause a malfunction resulting in a serious injury. Always perform a pre-operation inspection before each operation and correct any problem.

3.2.3 Inspect tanks for evidence of loose particles or debris.

PRIOR TO USE:

3.2.4 Inspect manifold (located at the end of the dispensing wand where both hoses attach. The static mixing element attaches to the manifold with a 7/8" static mixer nut). Inspection should be performed at the start of each day's work and consist of the following:

- Remove hoses connected to manifold and remove 90 degree fitting.
- Inspect for and remove any debris or contamination that might clog the exit hole. A 1/4" drill bit can generally be used to clean the exit hole.
- Reconnect lines to manifold.

3.2.5 If hydraulic fluid remains in the tank (used for flushing and pump storage and should be left at least a couple inches deep in the tanks when not in use) plug in power supply and trigger applicator gun to dispense fluid.
- Cleaner should not be left in the tanks overnight
- Watch fluid flow out of manifold and inspect for clog or uneven flow.
- Using graduated measuring cups, dispense fluid into containers to check for proper ratio.

3.2.6 After confirming ratio is correct and that no contamination remains in the lines or in the manifold, dispense remaining hydraulic fluid to empty the tanks

3.2.7 The unit is now ready for use

DISPENSING FILLER:

3.2.8 Prior to filling tanks, premix the Part A Polyol (gray component)

3.2.9 Ensure that Part A material is placed in the Polyol tank and Part B ISO material is placed in ISO tank. DO NOT CROSS CONTAMINATE. It is advised to keep the lid on the tank that is not being filled.

3.2.10 After filling tanks, dispense polyurea through manifold assembly watching flow. An errant stream out of one or both sides of the manifold will generally indicate that there is a restriction in the manifold and disassembly and cleaning should be performed.

3.2.11 If flow is even and equal, attach static mixing tip to end of manifold.

3.2.12 Dispense a small amount of material through the tip into waste container to ensure thorough mixing in the tip. Then dispense small amount of material onto cardboard or other disposable sheet to monitor cure. Allow to set for 10-15 minutes or until significant cure has been achieved prior to commencing. This will ensure proper ratio and cure of future material.

3.2.13 While waiting on test material to cure, remove static mixing tip and discard

3.2.14 Upon confirmation of test sample cure, install new static mixing tip.

3.2.15 Install filler into joint of crack per product installation guidelines

WORK INTERRUPTION:

3.2.16 If work is stopped for short term (5 minutes or so, to move pump, etc.) periodically trigger applicator wand to dispense material every 30-45 seconds to ensure material in static mixing tip does not set

3.2.17 If dispensing is stopped for longer term (lunch break, etc.)remove static mixing tip and discard. Pump Grease into fittings on the manifold as described above. Upon commencement, re-install a new static mixing tip.

⚠ WARNING

NOTE: Do not leave polyurea in the tanks or within the system (tanks, pumps, lines, manifold) if material placement will not be performed the following day.

END OF DAY:
POLYMER PUMP CLEANING INSTRUCTIONS:
3.2.18 WHAT YOU NEED
- 1-1/2 gallons of solvent (Xylene or equivalent)
- 2 Gallons of Hydraulic Oil (AW-32 is a common type)
- Solvent proof gloves
- Waste buckets
- Rags or Paper towels
- Splash proof goggles
- (optional) 2 toilet bowl brushes

3.2.19 Cleaning and storage process if the machine will not be used for more than 24 hours.

a. POLYUREA

Step 1

Dispense all remaining material out of the machine by running it straight through the manifold with a static mixer in place. Disposing of cured material is safer than disposing of the liquid. If there is a large amount (more than a gallon left in the tanks, the material may be pumped back into a storage bucket for later use. Remove the lines from the back of the manifold to make this easier. It is advisable to do Polyol and ISO separately to avoid cross contamination.

Step 2
When the tanks and lines are empty, open the valves from the wash tank with your choice of solvent. Use a separate silicon water bottle brush to clean each tank with the solvent in the tanks. Turn the pump on at half speed and pump waste into a bucket until the material is pumped out and only solvent is seen.

Step 3
Stop the pump and remove the lines from the back of the manifold. Put the A line into the Polyol tank and the B line into the ISO tank and cycle the solvent through for a minimum of 5 minutes.

Step 4
Re-attach the lines to the back of the manifold and pump the solvent into a container and dispose of it properly. Do not reuse it.

Step 5
Open the ball valves to allow cleaning solvent to flush lines further.

Step 6
Pour ½ gallon of hydraulic oil into each tank. Turn on the pump about half speed and pump into a waste bucket. Run until all the residual solvent is pushed out by the hydraulic fluid and clean hydraulic oil is coming out.

Step 7
Stop the pump. Install the Nightcap and Retainer nut.

b. EPOXY
DO NOT USE SOLVENT

Step 1
Dispense all remaining material out of the machine by running it straight through the manifold with a static mixer in place. Disposing of cured material is safer than disposing of the liquid. If there is a large amount (more than a gallon) left in the tanks, the material may be pumped back into a storage bucket for later use. Remove the lines from the back of the manifold to make this easier. It is advisable to do part A and part B separately to avoid cross contamination.

Step 2
Pour 1 gallon of hydraulic oil into each tank. Turn on the pump about half speed and pump into a waste bucket. Run until all the epoxy is pushed out by the hydraulic fluid and clean hydraulic oil is coming out.

Step 3
Stop the pump. Install the Nightcap and Retainer nut.

SAFETY PRECAUTIONS:

3.2.21 Perform this operation in a well-ventilated area
3.2.22 Do NOT smoke when cleaning the pump
3.2.23 Do NOT clean the pump near open flames or welders
3.2.24 Wear splash proof goggles
3.2.25 Wear solvent proof gloves
3.2.26 Dispose of all waste in accordance with local laws

The purpose of cleaning the pump thoroughly is so that the equipment will function properly during the next use. DiamaPro® Systems highly recommends the following practices:

- Test the pump several days before you need it, especially if it's been sitting for more than a month.
- Keep spare parts on hand
- Don't cross contaminate polyurea and epoxy
- Make sure the polyol and isocyanate are going into the correct tank. **Not all manufacturers use the same A&B pattern**.

4. SPECIFICATIONS

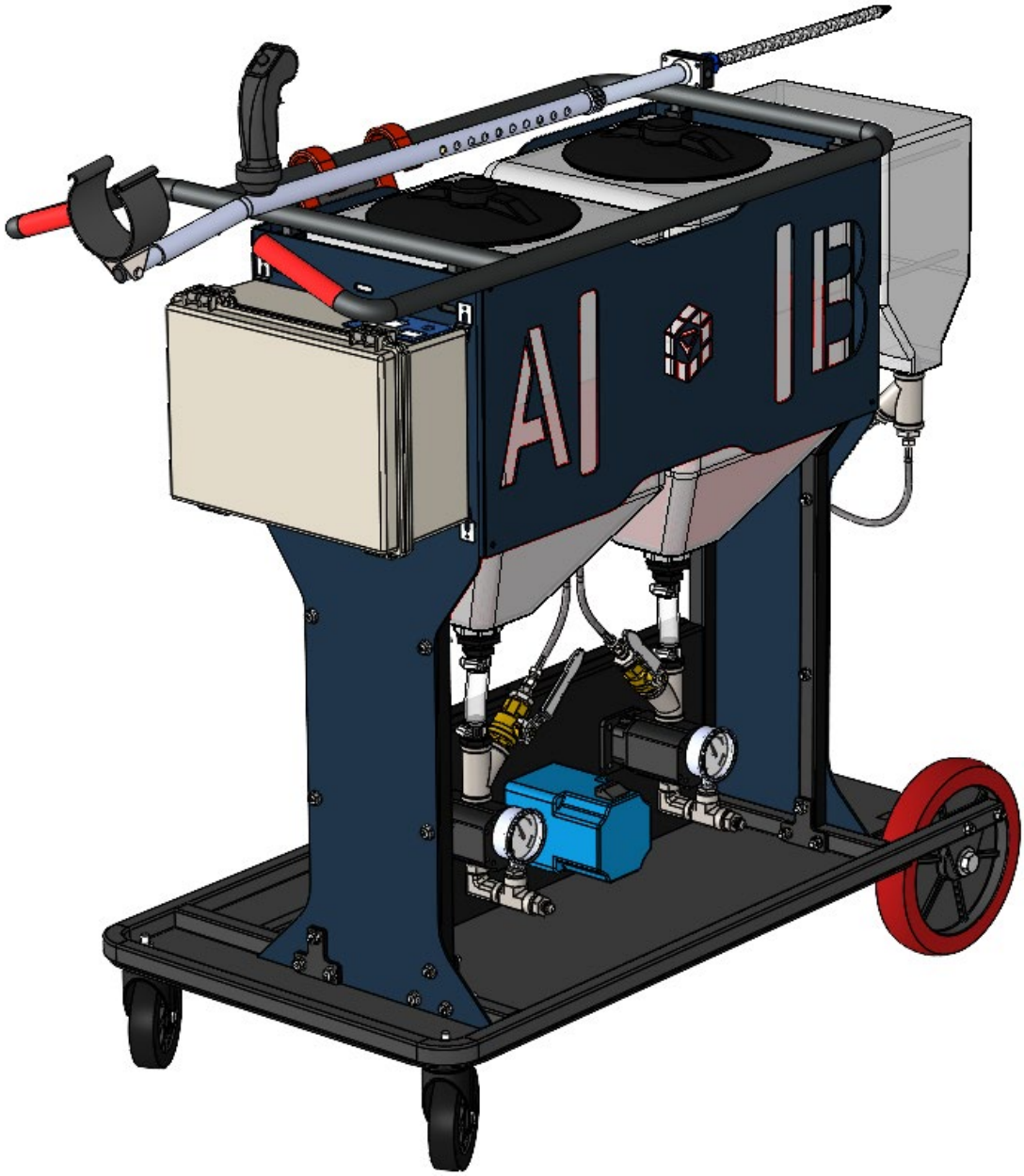
MODEL	DCP-PRO DUAL POWER
WEIGHT	232 LBS
DIMENSIONS (LxWxH)	50 x 42 x 23 IN
MOTOR (TORQUE)	15.6 Nm (140 IN - LB)
PUMPS	INTERNAL GEAR PUMP
TANKS	2 X 10 GALLONS
POWER	110V (WALL POWER)
BATTERY	24V BATTERY
CONTROL	ADJUSTABLE WAND WITH VARIABLE SPEED
RATIO	1:1
FLOW RATE	0 - 0.3 GPM
WASHOUT TANK	3 GALLONS

5. TROUBLESHOOTING

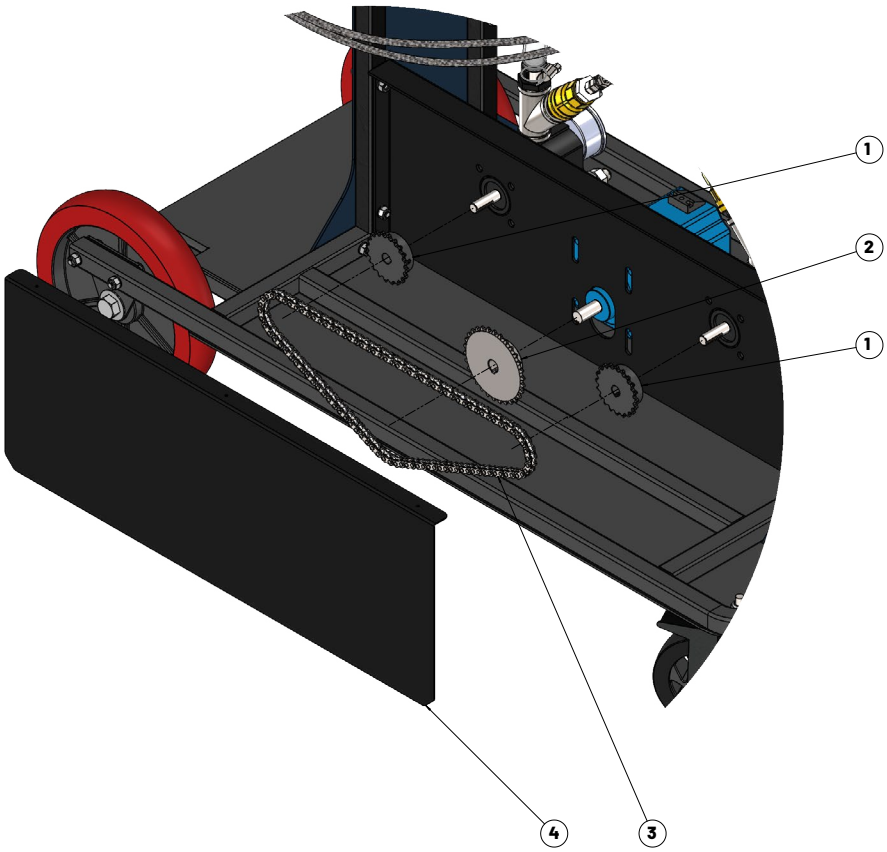
ISSUES	CAUSES/REMEDIES
Material flowing slowly	May occur when material temperature is cool and in the case of cooler/freezer environments. Preheat material and/or store outside of cooler/freezer area.
	May occur if static mixing manifold has buildup or restriction in the outlet orifice. Remove pump lines from the manifold, remove fittings, plastic washer, check ball, and spring and ensure no buildup or restriction is present. Inspect outlet orifice for restriction and drill out if buildup is present.
	May occur if mixed material begins to “gel” inside of the static mixing element (tip). This typically will occur when jumping from joint to joint allowing mixed product to set inside the plastic mixer without purging. Purging the static mixing element should be done approximately every 45 seconds with most M/M products.
Material STOPS flowing	Check trigger switch mechanism on dispensing wand. A trigger switch malfunction is not common, but does occur from time to time.
Material does not cure or cures “soft”	Always test cure of previously placed materials as you move from section to section. Most M/M polyurea products, even in freezer environments, should reach significant cure within1 hour
	ALWAYS confirm that the proper pump pulleys or sprockets are being used. Equal sized pulleys/sprockets for 1:1 ratio.
	If uncured or soft cure is found, an off ratio mixture is most always caused by a restriction or buildup inside of the mixing manifold. Disconnect lines, inspect and clean mixing manifold. Prior to reassembly, test material flow and ratio check directly from the pump lines. After confirming proper ratio from the lines, connect mixing manifold, attach static mixing element and dispense test material to monitor for full cure.
	If OFF ratio dispensing is found when testing directly from the pump lines (without the manifold attached), check each hose line for contamination or restriction. Ultimately, it will be VERY difficult to visually find a restriction inside the hose line. Generally, hose lines should be replaced before starting a project.
	If hose lines are clear, buildup or restriction will likely be within one or both pump units. Disassemble, clean thoroughly, and reassemble. Attach hose lines and test flow ratio

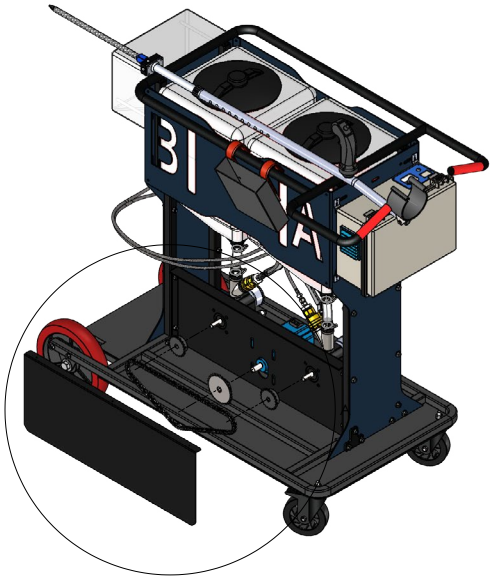
DiamaPro®
SYSTEMS

PUMP PARTS LIST



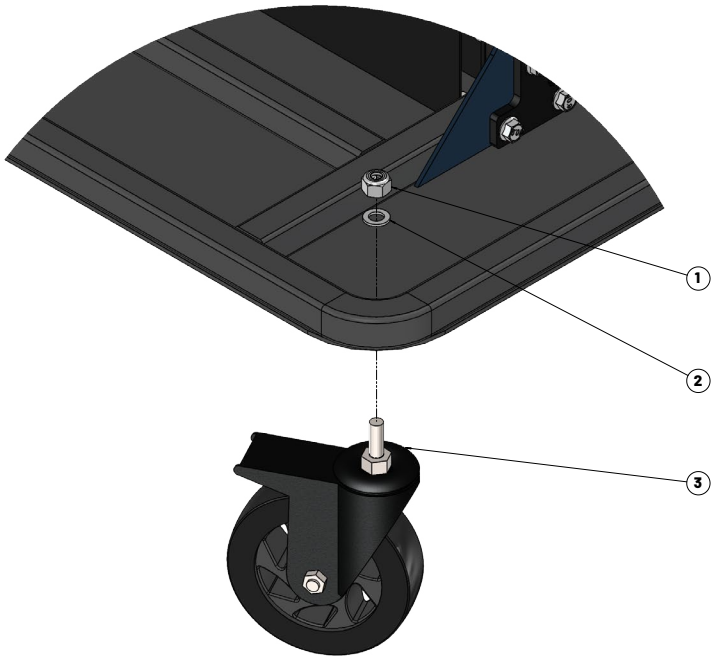
CHAINS AND SPROCKETS

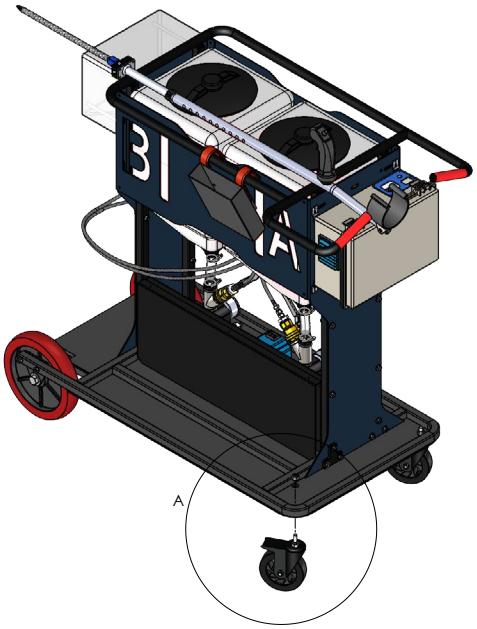




ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DP-DCP-SPRKT	ROLLER CHAIN SPROCKET FOR PUMP	2
2	DP-DCP-CSPRKT	ROLLER CHAIN SPROCKET FOR MOTOR	1
3	DP-DCP-CHN	ROLLER CHAIN	1
4	DP-DCP-CHCVR	CHAIN COVER	1

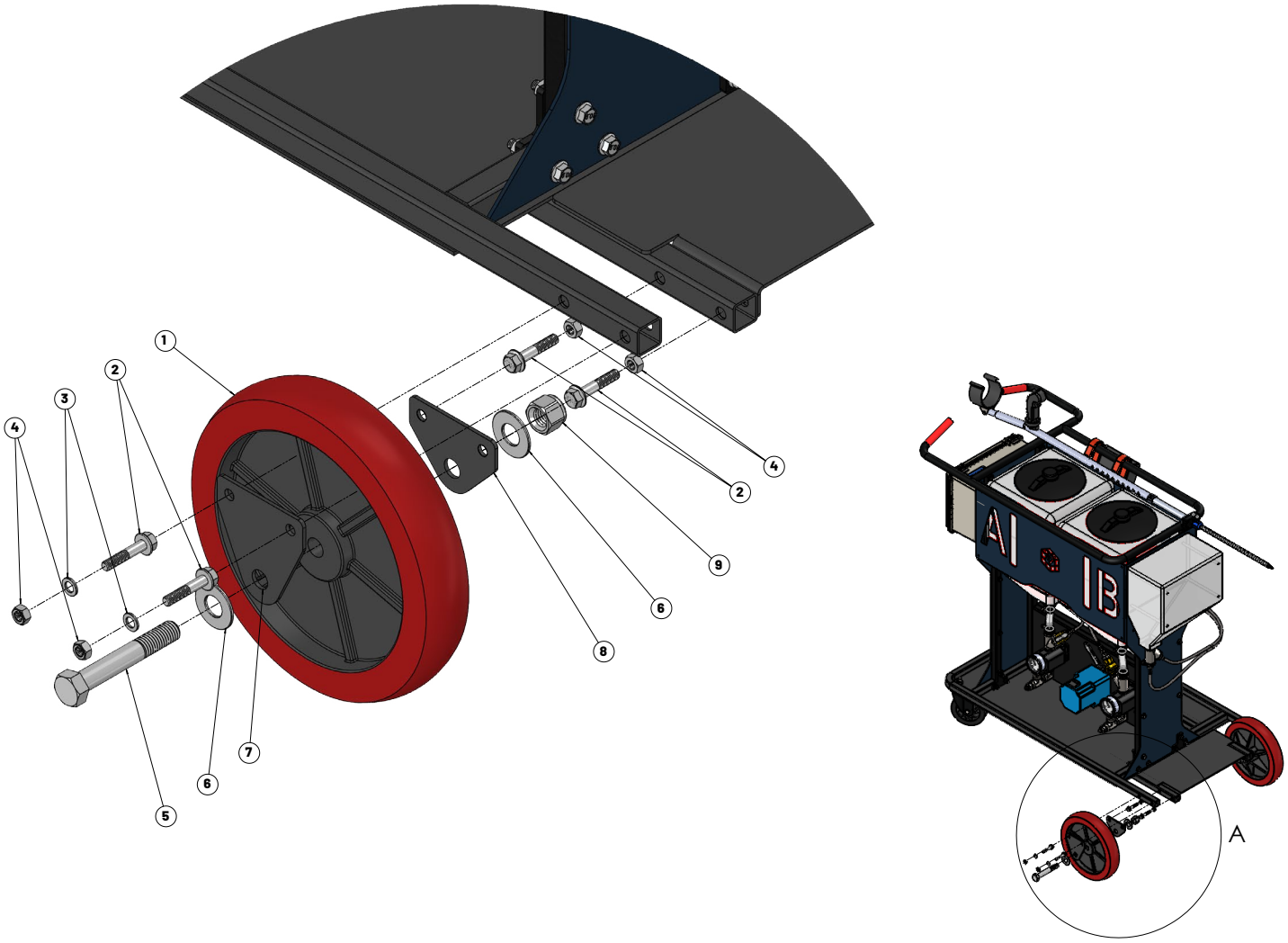
FRONT CASTER





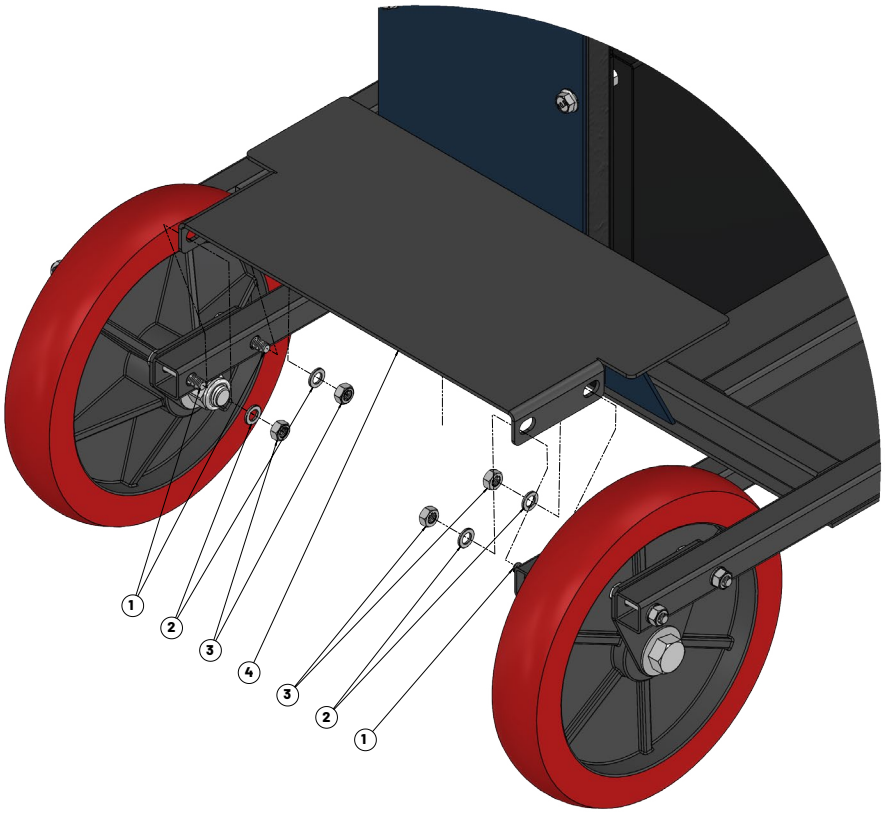
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DP-DCP-FCSTRN	MEDIUM-STRENGTH STEEL NYLON-INSERT LOCKNUT	2
2	ROG-600145	GENERAL PURPOSE ZINC-PLATED STEEL WASHER	2
3	DP-DCP-FCSTR	CASTER WHEELS 5 INCH, SWIVEL THREADED STEM HEAVY DUTY LOCKING CASTERS WHEELS BLACK	2

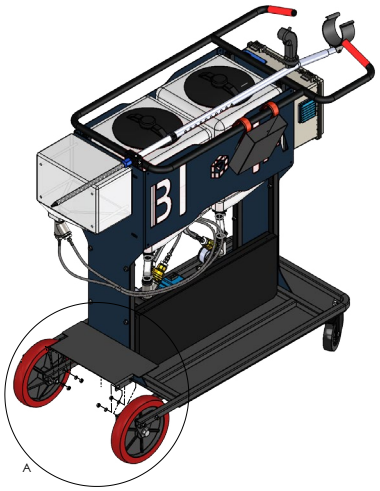
REAR CASTER



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DP-DCP-RWHL	DIAMAPRO DUAL COMPONENT PUMP - REAR WHEEL	2
2	DP-DCP-UWHB	CLASS 8.8 STEEL FLANGED HEX HEAD SCREW MEDIUM-STRENGTH, ZINC PLATED, M8 X 1.25 MM THREAD, 40 MM LONG	8
3	DP-DCP-PMNTW	GENERAL PURPOSE STEEL WASHER	28
4	DP-DCP-LKNT827	NYLON INSERT LOCKING NUT	28
5	DP-DCP-RWHLB	LOW-STRENGTH ZINC-PLATED STEEL HEX HEAD SCREW	2
6	DP-DCP-RWHLW	18-8 STAINLESS STEEL WASHER	4
7	DP-DCP-RWHT	INSIDE REAR WHEEL HANGER	2
8	DP-DCP-RWHS	REAR WHEEL HANGER	2
9	DP-DCP-RWHLN	MEDIUM-STRENGTH STEEL NYLON-INSERT LOCKNUT	2

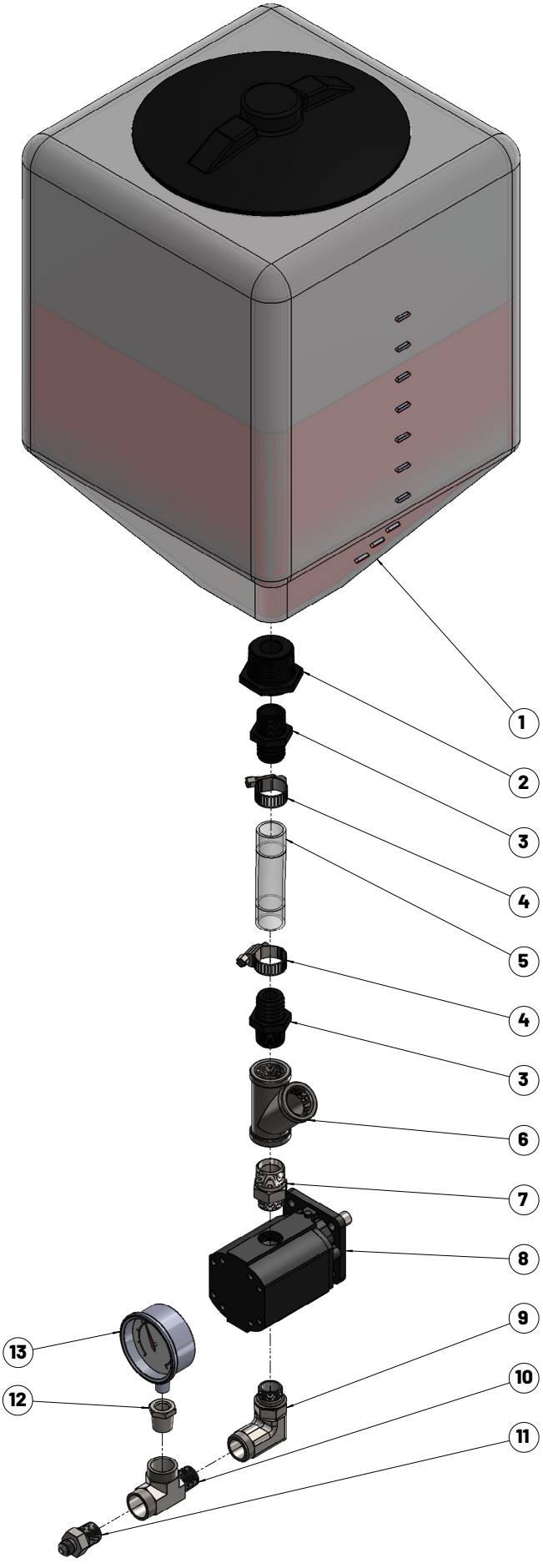
REAR BUCKET PLATE





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DP-DCP-UWHB	CLASS 8.8 STEEL FLANGED HEX HEAD SCREW MEDIUM-STRENGTH, ZINC PLATED, M8 X 1.25 MM THREAD, 40 MM LONG	4
2	DP-DCP-PMNTW	GENERAL PURPOSE STEEL WASHER	4
3	DP-DCP-LKNT827	NYLON INSERT LOCKING NUT	4
4	DP-DCP-BKTPLT	Rear Bucket Plate	1

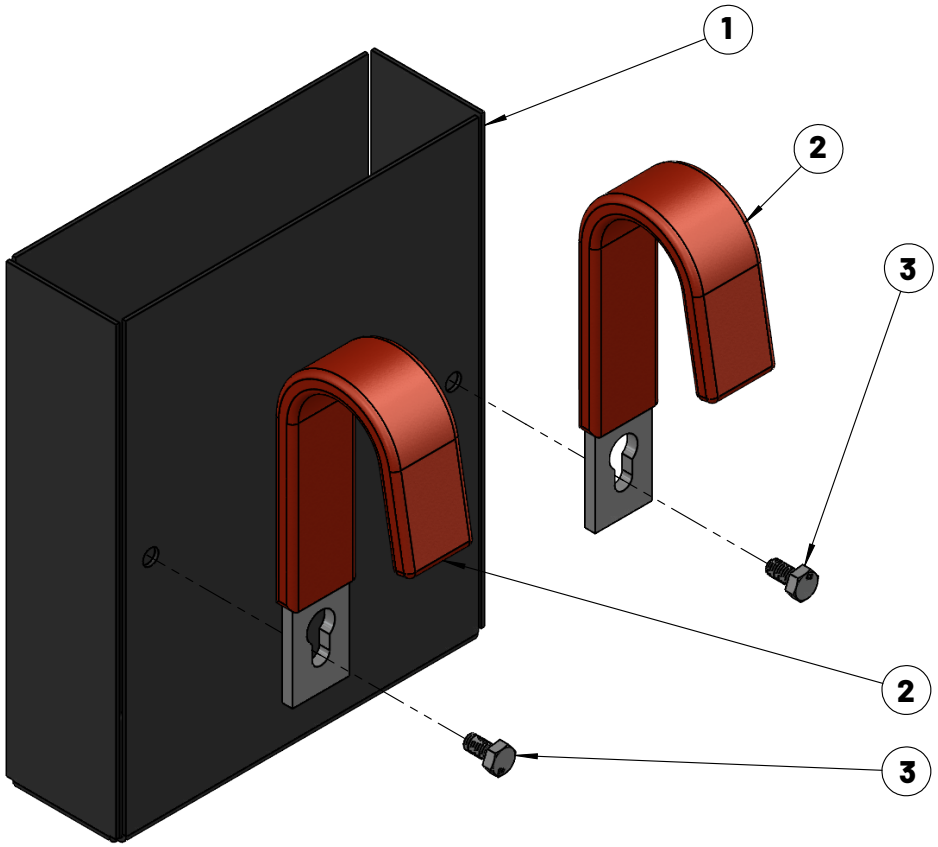
TANK TO TIP



TANK TO TIP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DP-DCP-TNK	WALL-MOUNT PLASTIC EASY-DRAIN TANK	1
2	DP-DSCP-TNKOTLT	UV-RESISTANT POLYPROPYLENE PIPE FITTING FOR CHEMICALS	1
3	DP-DCP-HSEFTNG	PLASTIC BARBED HOSE FITTING	2
4	DP-DCP-MTCLMP	WORM-DRIVE CLAMPS FOR FIRM HOSE AND TUBE STEEL SCREW, 1/2" BAND WIDTH, 11/16" TO 1-1/4" CLAMP ID	2
5	DP-DCP-MTBE	EXTREME-TEMPERATURE TEFLON® PTFE SEMI-CLEAR TUBING FOR CHEMICALS, 1" ID, 1-7/64" OD	1
6	DP-DCP-CNT75	3/4 NPT LATERAL WYE	1
7	DP-DCP-ADPT	STEEL ADAPTER, 7/8-14 MALE SAE O-RING BOSS (STRAIGHT THREAD O-RING) TO 3/4-14 MALE NPT, STRAIGHT	1
8	DP-DCP-PMTR	DCP-PRO MATERIAL PUMP	1
9	DP-DCP-FTNG97	5/8 ORB x 1/2 NPT	1
10	DP-DCP-FTNG808	1/2 NPT STREET TEE	1
11	DP-DCP-FTNG608	1/2NPT x 3/8 JIC	1
12	DP-DCP-PRSSRR	304 STAINLESS STEEL THREADED PIPE FITTING HIGH-PRESSURE, BUSHING ADAPTER, 1/2 MALE X 1/4 FEMALE NPT	1
13	DP-DCP-PRSSRG	1500PSI PRESSURE GAUGE	1

TOOL BASKET



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DP-DCP-TLBSKT	DCP-PRO TOOL BASKET	1
2	DP-DCP-HKTLBSKT	VINYL-COATED HOOK	2
3	DP-GH-A324	MEDIUM-STRENGTH CLASS 8.8 STEEL HEX HEAD SCREW	2

Customer Acknowledgment and Assumption of Responsibility for Modification to any Product.

Customer expressly acknowledges that modification of any equipment, machines, or other products purchased from Niagara Machine, Inc. (“Niagara”), including but not limited to DiamaPro Systems Products (collectively, “Products”) through the attempted or actual use or misuse, adjustment, alteration, application of additional components, removal of provided components, repairs or attempted repairs by Customer (collectively, “Modifications”) can lead to Product malfunction causing serious risks. Such risks include, but are not limited to, Product damage, bodily injury, death, or loss of or damage to property. Customer agrees that Customer is solely responsible for any Modifications Customer performs on any Product purchased from Niagara, and that Niagara is not responsible and will not be held liable for any claims, damages, or injury arising from Modifications by Customer, including Customer’s employees, subcontractors, agents, representatives, affiliates, and assigns, to any Product purchased from Niagara. Customer further acknowledges and agrees that any Modification(s) to a Product may, at DiamaPro Systems’ and/or Niagara’s election, void any warranty applicable to the Product.

Customer agrees that, to the greatest extent permitted by law, Customer shall indemnify, hold harmless and, at Niagara’s request, defend (with counsel reasonably approved by Niagara), Niagara, Niagara’s parent, subsidiaries, affiliates and the officers, directors, employees and agents of Niagara (individually and collectively “Niagara Indemnitees”) from and against, and pay or reimburse them for any and all third-party claims, losses, damages, liabilities, lawsuits and expenses (including reasonable attorneys’ fees) relating to bodily injury, death, or loss of or damage to property caused by or arising from any Modification to a Product by Customer, its employees, subcontractors, agents, representatives, affiliates, and assigns (individually and collectively, “Customer Group”), with respect to the Products Customer purchases from Niagara.

Customer acknowledges that Customer has read and understands these terms, and voluntarily assumes full and sole responsibility for any and all effects arising from any Modification to a Product by Customer Group.

DiamaPro® SYSTEMS

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