



The Leading  
Innovator in  
Concrete Grinding  
and Polishing  
Technology



 ***Diamatic***

TOOLING

SPECIFICATIONS | ELITE INSTALLER | WARRANTY | JOB SITE MANAGEMENT



**ULTRAFLOR<sup>®</sup>**  
[www.ultraflor.com](http://www.ultraflor.com)

The Fusion of Industry Leaders



Welcome to Diamatic USA, you will find in the catalogue a range of standard tooling available in the market place today as well as a range of specialized tooling to reduce your costs, in some cases and steps. We also offer premium diamond product for long life and productivity improvements. Our specialized diamonds, Trojans, Transitionals, Transformers, and Hybrids are specifically designed for our high production, heavy equipment line. The Diamatic Platforms in the 600, 700, and 800 series produce more horsepower and torque to the concrete then other planetary machines in the market today. Thus Diamatic has matched the tooling to the machine to maximize your efforts on the job.

Diamag Magnetic Plates are available for all tooling options as well as screw on plates for those unwilling to commit to one manufacturer for tooling to allow you flexibility. Diamag is now available for Lavina, HTC, SASE and Innovatex equipment. [www.diamag.com](http://www.diamag.com)

Diamatic USA has the most extensive network of stocking distribution available in North America. With increased availability, and less time involved in managing your consumables. With nearly 2M in diamond inventory in the USA and Canada we are certain we will have what you need, when you need it, and at a competitive price to support your business.

Those companies buying more than \$5000.00 per order of diamonds have special terms, pricing, and freight considerations, call a Diamatic Distributor or the Customer Service Center for details.

*With 144 stocking locations and 250 combined years of  
concrete grinding and polishing experience,  
Diamatic and our distribution network are the industry leaders.*





## CHOOSING A DIAMOND



80% of concrete can be ground and polished with medium bond diamonds. With the new technology available in our offering you can safely account for 90% of the surfaces you are working on the first time. There are hundreds, if not thousands, of concrete mix designs, so reducing the guess work and “voodoo” presented by diamond after market companies is our mission. For the slabs or stone work that require special tooling you will find them on our catalogue, whether it be soft, extra soft, medium, hard or extra hard, wet or dry, there is a diamond in the offering for you.

The easiest way to achieve success in diamond tooling is to remember the following:

Metal Bond Steps or the initial cutting and its success sets your job up for success or failure. Picking the right tooling to start is the most important item to get you off the job with the best results.

Hard concrete means soft bond tooling is required. If you have a medium bond diamond not cutting fast enough or glazing over you need to move to soft bond diamond to increase production.

Soft Concrete means Hard bond tooling is required, if you have a diamond wearing away too quickly you will need to move to a hard bond diamond to increase life and production.

Medium Bonds usually will tell you the condition of the concrete and what to look for. Come to a Diamatic School in one of our 17 locations to get educated and reduce the stress of choosing a diamond while saving you money.

Resin tooling is easier to work with so the few items you need to remember are:

The first resin step after grinding with metals in the polishing process needs to remove the larger scratches from the pervious tooling. This can be seen in the first 10 feet, if this is not happening after a 10 foot pass it will not happen and you need to jump down a grit or insert a hybrid diamond.

Hybrid tooling is now available to reduce steps, please see out transitional line.

Go to [Ultraflor.com](http://Ultraflor.com) to see step by step processes to produce a floor and Download one of 25 specifications needed to meet your customers needs for polishing concrete and restoration or call 866-295-5512

Finally, tooling costs are a big part of the job, but labor and production are greater. It is not as important to save \$2.00 per tool as it is to have a warranty, production, repeatability, and a place to go for support. Tooling companies, and there are many, produce under different sets of controls, it only takes one misplaced diamond grit to scratch a floor and cause a return to the job, failure, or an unhappy customer. Partner with a company that will support, stock, warranty, and provide the latest cutting edge technology. Don't load up on stock as tooling changes and advancement change constantly. In order for you to have long term success don't lock in with huge inventories and tie up your cash and limit your options, use our stocking partners, visit [www.diamaticusa.com](http://www.diamaticusa.com) today!!!

At Diamatic we thank you for your consideration and patronage. We are 100% confident you will find our tooling cutting edge, competitive, productive, and available.

- Stephen Klugherz





## REFINE RESIN PADS

### REFINE RESIN 3 mm THICK FOR LITE MACHINES

DIAITS800100	100 GRIT BLACK 3" RESIN
DIAITS800200	200 GRIT BLUE 3" RESIN
DIAITS800400	400 GRIT RED 3" RESIN
DIAITS800800	800 GRIT WHITE 3" RESIN
DIAITS8001500	1500 GRIT YELLOW 3" RESIN
DIAITS8003000	3000 GRIT GREEN 3" RESIN



### REFINE II RESIN 6 mm THICK HEAVY MACHINES

DIAITS800100 -2	100 GRIT 3" REFINE RESIN
DIAITS800200-2	200 GRIT 3" REFINE RESIN
DIAITS800400-2	400 GRIT 3" REFINE RESIN
DIAITS800800-2	800 GRIT 3" REFINE RESIN
DIAITS8001500-2	1500 GRIT 3" REFINE RESIN
DIAITS8003000-2	3000 GRIT 3" REFINE RESIN



# FLEXRES RESIN PADS

COPPER AND NON-COPPER

DIA3FLEXCOP50	50 GRIT 3" FLEXRES COPPER HYBRID
DIA3FLEXCOP100	100 GRIT 3" FLEXRES COPPER HYBRID
DIA3FLEXCOP200	200 GRIT 3" FLEXRES COPPER HYBRID
DIA3FLEXCOP400	400 GRIT 3" FLEXRES COPPER HYBRID
DIA3FLEXCOP800	800 GRIT 3" FLEXRES COPPER HYBRID
DIA3FLEXCOP1500	1500 GRIT 3" FLEXRES COPPER HYBRID
DIA3FLEXCOP3000	3000 GRIT 3" FLEXRES COPPER HYBRID

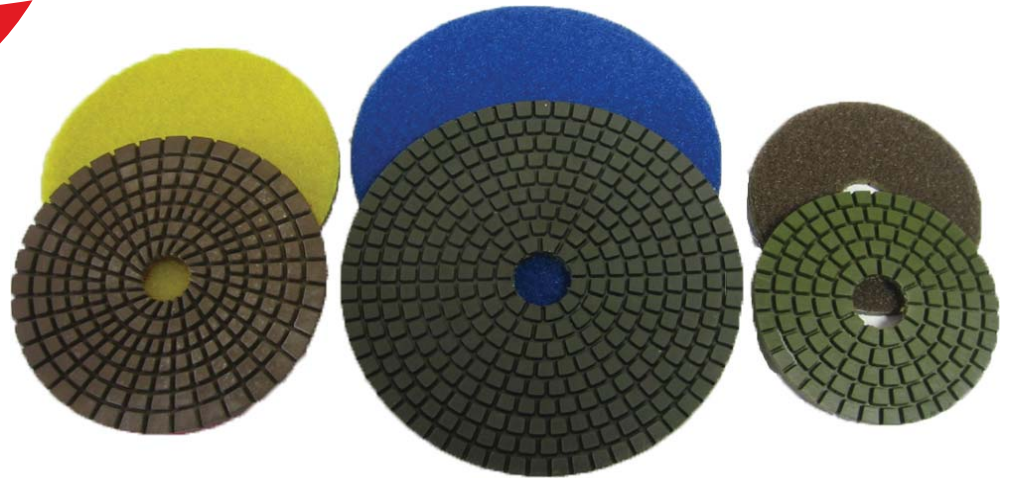


DIA3HYBRID50	50 GRIT 3" FLEXRES HYBRID
DIA3HYBRID100	100 GRIT 3" FLEXRES HYBRID
DIA3HYBRID200	200 GRIT 3" FLEXRES HYBRID
DIA3HYBRID400	400 GRIT 3" FLEXRES HYBRID
DIA3HYBRID800	800 GRIT 3" FLEXRES HYBRID
DIA3HYBRID1500	1500 GRIT 3" FLEXRES HYBRID
DIA3HYBRID3000	3000 GRIT 3" FLEXRES HYBRID



# HAND TOOL RESIN PADS

**FOR USE WITH 3", 4", 5" POLISHING  
TOOLS AND GRINDERS  
STONE OR CONCRETE. WET OR DRY**



PP-D3200 3" ECONOMY HAND TOOL RESIN PAD 200 GRIT

PP-D3300 3" ECONOMY HAND TOOL RESIN PAD 300 GRIT

PP-D3500 3" ECONOMY HAND TOOL RESIN PAD 500 GRIT

PP-D31000 3" ECONOMY HAND TOOL RESIN PAD 1000 GRIT

PP-D32000 3" ECONOMY HAND TOOL RESIN PAD 2000 GRIT

PP-D33000 3" ECONOMY HAND TOOL RESIN PAD 3000 GRIT

PP-D4050 4" ECONOMY HAND TOOL RESIN PAD 50 GRIT

PP-D4080 4" ECONOMY HAND TOOL RESIN PAD 80 GRIT

PP-D4150 4" ECONOMY HAND TOOL RESIN PAD 150 GRIT

PP-D4300 4" ECONOMY HAND TOOL RESIN PAD 300 GRIT

PP-D4500 4" ECONOMY HAND TOOL RESIN PAD 500 GRIT

PP-D41000 4" ECONOMY HAND TOOL RESIN PAD 1000 GRIT

PP-D42000 4" ECONOMY HAND TOOL RESIN PAD 2000 GRIT

PP-D43000 4" ECONOMY HAND TOOL RESIN PAD 3000 GRIT

PP-D5050 5" ECONOMY HAND TOOL RESIN PAD 50 GRIT

PP-D5080 5" ECONOMY HAND TOOL RESIN PAD 80 GRIT

PP-D5100 5" ECONOMY HAND TOOL RESIN PAD 100 GRIT

PP-D5150 5" ECONOMY HAND TOOL RESIN PAD 150 GRIT

PP-D5200 5" ECONOMY HAND TOOL RESIN PAD 200 GRIT

PP-D5300 5" ECONOMY HAND TOOL RESIN PAD 300 GRIT

PP-D5400 5" ECONOMY HAND TOOL RESIN PAD 400 GRIT

PP-D5500 5" ECONOMY HAND TOOL RESIN PAD 500 GRIT

PP-D5800 5" ECONOMY HAND TOOL RESIN PAD 800 GRIT

PP-D1000 5" ECONOMY HAND TOOL RESIN PAD 1000 GRIT

PP-D51500 5" ECONOMY HAND TOOL RESIN PAD 1500 GRIT

PP-D52000 5" ECONOMY HAND TOOL RESIN PAD 2000 GRIT

PP-D53000 5" ECONOMY HAND TOOL RESIN PAD 3000 GRIT



# TROJANS & ECO'S

## METAL BOND TROJANS

NO SQUARE LEADING  
EDGE, LESS UNEVEN  
SCRATCHING ON  
ROUGH SURFACES

DIA709320S 18/20 GRIT TROJAN DIAMOND WING SOFT

DIA709320 18/20 GRIT TROJAN DIAMOND WING MEDIUM

DIA709320H 18/20 GRIT TROJAN DIAMOND WING HARD

DIA709340S 30/40 GRIT TROJAN DIAMOND WING SOFT

DIA709340 30/40 GRIT TROJAN DIAMOND WING MEDIUM

DIA709340H 30/40 GRIT TROJAN DIAMOND WING HARD

DIA709380S 60/80 GRIT TROJAN DIAMOND WING SOFT

DIA709380 60/80 GRIT TROJAN DIAMOND WING MEDIUM

DIA709380H 60/80 GRIT TROJAN DIAMOND WING HARD

DIA7093140S 120/140 GRIT TROJAN DIAMOND WING SOFT

DIA7093140 120/140 GRIT TROJAN DIAMOND WING MEDIUM



## ECO METAL DOUBLE SEGMENT



BG707331S 20/25 GRIT DIAMOND WING SOFT

BG707331 20/25 GRIT DIAMOND WING MEDIUM

BG707331H 20/25 GRIT DIAMOND WING HARD

BG707332S 30/40 GRIT DIAMOND WING SOFT

BG707332 30/40 GRIT DIAMOND WING MEDIUM

BG707332H 30/40 GRIT DIAMOND WING HARD

BG707333S 60/80 GRIT DIAMOND WING SOFT

BG707333 60/80 GRIT DIAMOND WING MEDIUM

BG707333H 60/80 GRIT DIAMOND WING HARD

BG707334 120/140 GRIT DIAMOND WING MEDIUM





# PCD'S AND METAL BOND

FOR USE WITH DIAMATIC MACHINES



BG200999	QUARTER ROUND PCD DIAMOND WING RIGHT
BG200995L	FULL ROUND PCD WING LEFT
BG200997	18/20 GRIT SPLIT SEGMENT DIAMOND WING PCD
BG200995	FULL ROUND PCD WING RIGHT

- FOR USE ON ALL PLATFORM MACHINES
- COATINGS REMOVAL/DEMOLITION
- FLOOR PREPARATION
- BOLT ON
- HIGH PRODUCTION
- VERY AGGRESSIVE



DIA710380S	DOUBLE ROUND 60/80 GRIT SOFT BOND
DIA7103140S	DOUBLE ROUND 120/140 GRIT SOFT BOND





# TRANSITIONALS

**CERAMIC HEAT REDUCED  
DIAMONDS FOR SOFT/MED  
CONCRETE AND OVERLAYS**



PA-103400 #4 GRIT 3" TRANSITIONAL DIAMOND

PA-103050 #0 GRIT 3" TRANSITIONAL DIAMOND

PA-103100 #1 GRIT 3" TRANSITIONAL DIAMOND

FOR USE ON 535,  
580, 735,  
780 AND UNITS !

- Used to remove scratches
- Transition from metal to resin bonded
- Hybrid ceramic resin
- Reduced heat transfer
- 3 grits available
- High production rates
- Saves steps
- Available in 2" and 3"



PA-10997 #1 GRIT 2" TRANSITIONAL DIAMOND

PA-10998 #4 GRIT 2" TRANSITIONAL DIAMOND



REDUCES STEPS ON  
YOUR PROCESS. POPULAR  
FOR 3-5 STEP PROCESSES.



## SHROUD KITS & COUGR



05-65900

7" ECO SHROUD FULL

05-65903

7" ECO SHROUD CONVERTIBLE



05-10700C 7" DIA COUGR LITEX WHEEL #16 GRIT

05-10705C 7" DIA COUGR LITEX WHEEL #10 GRIT

05-10710C 7" DIA COUGR LITEX WHEEL #24 GRIT

05-10720C 7" DIA COUGR LITEX WHEEL #36 GRIT



# SCREW ON PLATES

FOR PLANETARY MACHINES



BG300212

ADAPTER PLATE WINGS - BMG435

BG300213

ADAPTER 435 SP/POLISHING RESIN



PA-10949 580 RESIN DIAMOND ADAPTER PLATES

PA-10950 580 DIAMOND WING ADAPTER PLATES



PA-10935 735 DIAMOND WING ADAPTER PLATES

PA-10936 735 RESIN DIAMOND ADAPTER PLATES



# RIGID PLATE SETUP

**FOR HEAVY GRINDING CONCRETE  
WITH 735 AND 780 MACHINES**



BG11880	FORK QUANTITY 3
BE0204/BE0584	BOLT AND SPRING WASHER QUANTITY 9
BG11879	BUFFER DISC QUANTITY 3
BG240190-1	240MM DIAMOND HOLDER QUANTITY 3
BE0608	RETAINING RING QUANTITY 3
BE0030	BOLT QUANTITY 3
BE0314	WASHER QUANTITY 6





# 10" BLADES

WORLD'S MOST PRODUCTIVE



BG707111	10" NINJA DISC HARD BOND-BLUE
BG707112	10" NINJA DISC MEDIUM BOND-GREEN
BG707113	10" NINJA DISC SOFT BOND-RED



BGS-250 -115  
SINGLE  
HEAD GRINDER



BG250  
HEAVY DUTY  
SINGLE  
HEAD GRINDER

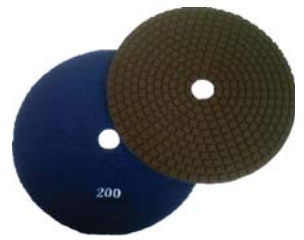
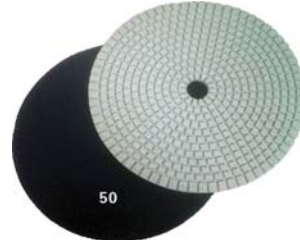


CG1010ASEG	10" 10 SEGMENT PREMIUM ARROW BLADE
CG1010ASEGH	10" 10 SEGMENT PREMIUM ARROW HARD BOND
CG1020ASEG	10" 20 SEGMENT PREMIUM ARROW BLADE
CG1020ASEGH	10" 20 SEGMENT PREMIUM ARROW HARD BOND



# 7" PADS-CUPSTONES -PCD WHEELS

**EDGER EQUIPMENT BOTH  
WALKBEHIND AND  
HAND TOOLS**



DIASC9P7050	50 GRIT GREY 7" RESIN PAD
DIASC9P7010	100 GRIT BLACK 7" RESIN PAD
DIASC9P7020	200 GRIT BLUE 7" RESIN PAD
DIASC9P7040	400 GRIT RED 7" RESIN PAD
DIASC9P7080	800 GRIT WHITE 7" RESIN PAD
DIASC9P7150	1500 GRIT YELLOW 7" RESIN PAD
DIASC9P7300	3000 GRIT GREEN 7" RESIN PAD



CG-7PCD6	6 SEGMENT DIAMOND CUP WHEEL
CG-7ASEG	6 ARROW SEGMENT DIAMOND CUP WHEEL
CG-7TSEG	14 T-SEGMENT DIAMOND CUP WHEEL



CG-712ETB	12 SEGMENT DIAMOND CUP WHEEL
CG-724ETB	24 SEGMENT DIAMOND CUP WHEEL
CG-712ETB5/8-1	12 SEG DIAMOND CUP WHEEL 5/8"-11
CG-724ETB5/8-11	24 SEG DIAMOND CUP WHEEL 5/8"-11



CG-7BTD1820	18/20 GRIT DIAMOND CUP WHEEL
CG-7BTD50 60	50/60 GRIT DIAMOND CUP WHEEL
CG-7BTD120140	120/140 GRIT DIAMOND CUP WHEEL



## ECO WINGS - Double Segment

### Medium Bond Diamonds

DIAMATIC	HTC	SASE
BG707331 - 20/25 Grit	CA-2	RED 25
BG707332 - 30/40 Grit	CA-3	RED 40
BG707333 - 60/80 Grit	CA-4	RED 80
BG707334 - 120/140 Grit	CA-5	RED 150

### Soft Bond Diamonds

DIAMATIC	HTC	SASE
BG707331S - 20/25 Grit	C-2	BLACK 25
BG707332S - 30/40 Grit	C-3	BLACK 40
BG707333S - 60/80 Grit	C-4	BLACK 80

### Hard Bond Diamonds

DIAMATIC	HTC	SASE
BG707331H - 20/25 Grit	SF-2	BLUE 25
BG707332H - 30/40 Grit	SF-3	BLUE 40
BG707333H - 60/80 Grit	SF-4	BLUE 80

*Single Segment Diamonds are Available*

## TROJAN II Wings

### Medium Bond Diamonds

DIAMATIC	HTC	SASE
DIA709320 - 18/20 Grit	CA-2	RED 25
DIA709340 - 30/40 Grit	CA-3	RED 40
DIA709380 - 60/80 Grit	CA-4	RED 80
DIA7093140 - 120/140 Grit	CA-5	RED 150

### Soft Bond Diamonds

DIAMATIC	HTC	SASE
DIA709320S - 18/20 Grit	C-2	BLACK 25
DIA709340S - 30/40 Grit	C-3	BLACK 40
DIA709380S - 60/80 Grit	C-4	BLACK 80
DIA7093140S - 120/140 Grit	C-5	BLACK 150

### Hard Bond Diamonds

DIAMATIC	HTC	SASE
DIA709320H - 18/20 Grit	SF-2	BLUE 25
DIA709340H - 30/40 Grit	SF-3	BLUE 40
DIA709380H - 60/80 Grit	SF-4	BLUE 80
DIA7093140H - 120/140 Grit	SF-5	BLUE 150

## REMOVAL DIAMONDS

DIAMATIC	HTC	SASE
BG200997 - Split PCD's	n/a	HOL200997
BG200995 - Full Round PCD	EZ T-REX	PCD Quarter
BG200999 - 1/4 Round PCD	EZ T-REX DOME	HOL200993

## POLISHING RESINS

### REFINE II RESINS - 6 MM Thick (HTC & SASE are DOTS)

DIAMATIC	HTC	SASE
DIAITS800100-2	MR-5	100 POST
DIAITS800200-2	MR-6	200 POST
DIAITS800400-2	SR-30	400 POST
DIAITS800800-2	SR-40	800 POST
DIAITS801500-2	SR-50	1500 POST
DIAITS803000-2	SR-60	3000 POST

### 3" FLEX RESINS (HTC & SASE are DOTS)

DIAMATIC	HTC	SASE
DIA3HYBRID50 - 50 Grit	n/a	50 POST
DIA3HYBRID100 - 100 Grit	MR-5	100 POST
DIA3HYBRID200 - 200 Grit	MR-6	200 POST
DIA3HYBRID400 - 400 Grit	SR-30	400 POST
DIA3HYBRID800 - 800 Grit	SR-40	800 POST
DIA3HYBRID1500 - 1500 Grit	SR-50	1500 POST
DIA3HYBRID3000 - 3000 Grit	SR-60	3000 POST



**1-866-295-5512**

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

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