



# BMG-555P



Planetary Grinder & Polisher



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The 555 Propane Grinder Polisher 22", planetary grinder has been designed for the middle size grinder market and has some new features not found on other grinders in its class. With a completely new, bullet proof drive system, a ten minute breakdown, and disassembly, the 555 Pro Grinder design allows it to be moved to basements and other hard to reach areas. This high production, mid-level machine has 600lbs of productivity.

|                  |                         |
|------------------|-------------------------|
| Working Width    | 22 in                   |
| Tooling Speed    | 640-1045 RPM            |
| Head Pressure    | 520 lbs                 |
| Motor            | 656cc Briggs & Stratton |
| Dimensions       | 60 in x 24 in x 41 in   |
| Weight           | 725 lbs                 |
| Hose Connection  | 3 in                    |
| Tooling Diameter | 7 in                    |
| Segment Capacity | 18                      |

### Key Points

- Variable speed control
- Ideal for medium projects including retail, residential, and custom work
- Easy to mobilize, no power cords required, ideal for projects where power is limited or unavailable

### Dust Collector Option(s)



**BDC-1115P**



# Buffalo Diamond Wings

## DOUBLE SEGMENT

| Part No.       | Grit    | Segment | Bond       | Color  |
|----------------|---------|---------|------------|--------|
| BFL708320VS-2  | 18/20   | Double  | Super Soft | Gold   |
| BFL708340VS-2  | 30/40   | Double  | Super Soft | Gold   |
| BFL708380VS-2  | 60/80   | Double  | Super Soft | Gold   |
| BFL708320XS-2  | 18/20   | Double  | Extra Soft | Black  |
| BFL708340XS-2  | 30/40   | Double  | Extra Soft | Black  |
| BFL708380XS-2  | 60/80   | Double  | Extra Soft | Black  |
| BFL7083140XS-2 | 120/140 | Double  | Extra Soft | Black  |
| BLF708320S-2   | 18/20   | Double  | Soft       | Red    |
| BFL708340S-2   | 30/40   | Double  | Soft       | Red    |
| BFL708380S-2   | 60/80   | Double  | Soft       | Red    |
| BFL7083140S-2  | 120/140 | Double  | Soft       | Red    |
| BFL708320-2    | 18/20   | Double  | Medium     | Green  |
| BFL708340-2    | 30/40   | Double  | Medium     | Green  |
| BFL708380-2    | 60/80   | Double  | Medium     | Green  |
| BFL7083140-2   | 120/140 | Double  | Medium     | Green  |
| BFL708320H-2   | 18/20   | Double  | Hard       | Blue   |
| BFL708340H-2   | 30/40   | Double  | Hard       | Blue   |
| BFL708380H-2   | 60/80   | Double  | Hard       | Blue   |
| BFL7083140H-2  | 120/140 | Double  | Hard       | Blue   |
| BFL708320XH-2  | 18/20   | Double  | Extra Hard | Orange |
| BLF708340XH-2  | 30/40   | Double  | Extra Hard | Orange |
| BFL708380XH-2  | 60/80   | Double  | Extra Hard | Orange |
| BFL7083140XH-2 | 120/140 | Double  | Extra Hard | Orange |

## 3" Resins

### Flex Res

| Part No.      | Grit | Height | Color  |
|---------------|------|--------|--------|
| DIAHYBRID50   | 50   | 12mm   | Blue   |
| DIAHYBRID100  | 100  | 12mm   | Yellow |
| DIAHYBRID200  | 200  | 12mm   | Orange |
| DIAHYBRID400  | 400  | 12mm   | Red    |
| DIAHYBRID800  | 800  | 12mm   | Green  |
| DIAHYBRID1500 | 1500 | 12mm   | Aqua   |
| DIAHYBRID3000 | 3000 | 12mm   | Brown  |

### Super Flex

| Part No.         | Grit | Height | Color  |
|------------------|------|--------|--------|
| DIASUPERFLEX50   | 50   | 15mm   | Blue   |
| DIASUPERFLEX100  | 100  | 15mm   | Yellow |
| DIASUPERFLEX200  | 200  | 15mm   | Orange |
| DIASUPERFLEX400  | 400  | 15mm   | Red    |
| DIASUPERFLEX800  | 800  | 15mm   | Green  |
| DIASUPERFLEX1500 | 1500 | 15mm   | Aqua   |
| DIASUPERFLEX3000 | 3000 | 15mm   | Brown  |

### Refine I Elite

| Part No.      | Grit | Height | Color  |
|---------------|------|--------|--------|
| DIAITS800100  | 100  | 3mm    | Black  |
| DIAITS800200  | 200  | 3mm    | Blue   |
| DIAITS800400  | 400  | 3mm    | Red    |
| DIAITS800800  | 800  | 3mm    | White  |
| DIAITS8001500 | 1500 | 3mm    | Yellow |
| DIAITS8003000 | 3000 | 3mm    | Green  |

### Refine II Elite

| Part No.        | Grit | Height | Color  |
|-----------------|------|--------|--------|
| DIAITS80050-2   | 50   | 12mm   | Blue   |
| DIAITS800100-2  | 100  | 12mm   | Yellow |
| DIAITS800200-2  | 200  | 12mm   | Orange |
| DIAITS800400-2  | 400  | 12mm   | Red    |
| DIAITS800800-2  | 800  | 12mm   | Green  |
| DIAITS8001500-2 | 1500 | 12mm   | Aqua   |
| DIAITS8003000-2 | 3000 | 12mm   | Brown  |

## SINGLE SEGMENT

| Part No.      | Grit    | Segment | Bond   | Color |
|---------------|---------|---------|--------|-------|
| DIA707320S-2  | 18/20   | Single  | Soft   | Red   |
| DIA707340S-2  | 30/40   | Single  | Soft   | Red   |
| DIA707380S-2  | 60/80   | Single  | Soft   | Red   |
| DIA7073140S-2 | 120/140 | Single  | Soft   | Red   |
| DIA707320-2   | 18/20   | Single  | Medium | Green |
| DIA707340-2   | 30/40   | Single  | Medium | Green |
| DIA707380-2   | 60/80   | Single  | Medium | Green |
| DIA7073140-2  | 120/140 | Single  | Medium | Green |
| DIA707320H-2  | 18/20   | Single  | Hard   | Blue  |
| DIA707340H-2  | 30/40   | Single  | Hard   | Blue  |
| DIA707380H-2  | 60/80   | Single  | Hard   | Blue  |
| DIA7073140H-2 | 120/140 | Single  | Hard   | Blue  |

## 10 Segment Round Diamonds

| Part No.          | Grit    | Segment    | Bond       | Color  |
|-------------------|---------|------------|------------|--------|
| DIA-18/20PLUG-X   | 18/20   | 10 Segment | Extra Soft | Black  |
| DIA-30/40PLUG-X   | 30/40   | 10 Segment | Extra Soft | Black  |
| DIA-60/80PLUG-X   | 60/80   | 10 Segment | Extra Soft | Black  |
| DIA-120/140PLUG-X | 120/140 | 10 Segment | Extra Soft | Black  |
| DIA18/20PLUG-S    | 18/20   | 10 Segment | Soft       | Red    |
| DIA30/40PLUG-S    | 30/40   | 10 Segment | Soft       | Red    |
| DIA60/80PLUG-S    | 60/80   | 10 Segment | Soft       | Red    |
| DIA120/150PLUG-S  | 120/140 | 10 Segment | Soft       | Red    |
| DIA18/20PLUG      | 18/20   | 10 Segment | Medium     | Green  |
| DIA30/40PLUG      | 30/40   | 10 Segment | Medium     | Green  |
| DIA60/80PLUG      | 60/80   | 10 Segment | Medium     | Green  |
| DIA120/150PLUG    | 120/140 | 10 Segment | Medium     | Green  |
| DIA18/20PLUG-H    | 18/20   | 10 Segment | Hard       | Blue   |
| DIA30/40PLUG-H    | 30/30   | 10 Segment | Hard       | Blue   |
| DIA60/80PLUG-H    | 60/80   | 10 Segment | Hard       | Blue   |
| DIA120/150PLUG-H  | 120/140 | 10 Segment | Hard       | Blue   |
| DIA-18/20PLUG-XH  | 18/20   | 10 Segment | Extra Hard | Orange |
| DIA30/40PLUG-XH   | 30/40   | 10 Segment | Extra Hard | Orange |
| DIA60/80PLUG-XH   | 60/80   | 10 Segment | Extra Hard | Orange |
| DIA120/150PLUG-XH | 120/140 | 10 Segment | Extra Hard | Orange |

## 3" Transitional Tools

### CERAMIC TRANSITIONAL PUCKS

| Part No.  | Grit | Bond    | Step |
|-----------|------|---------|------|
| PA-103030 | 30   | Ceramic | #0   |
| PA-103050 | 50   | Ceramic | #1   |
| PA-103100 | 100  | Ceramic | #2   |
| PA-103400 | 400  | Ceramic | #3   |

### SEMI METAL PUCKS

| Part No.   | Grit | Height | Color  |
|------------|------|--------|--------|
| DIASEMI30  | 30   | 10mm   | Oilive |
| DIASEMI50  | 50   | 10mm   | Blue   |
| DIASEMI100 | 100  | 10mm   | Yellow |

## Polycrystalline Diamonds

| Part No.    | Description        | Direction |
|-------------|--------------------|-----------|
| BG200995-2  | Full Round Wing    | Right     |
| BG200995L-2 | Full Round Wing    | Left      |
| BG200999-2  | Quarter Round Wing | Right     |
| BG200999L-2 | Quarter Round Wing | Left      |
| BG200997-2  | Split Segment Wing | N/A       |