

SUPER 248BDH WITH BRUSHES

| PAGE NUMBER | DESCRIPTION |
|-----------------|---|
|1 | Front Air Damper..... |
|2 | Back Air Damper..... |
|3 | Top Fan Shaft..... |
|4 B | Top Air Discharge Auger Assembly |
| 5 | Does Not Apply to This Manual |
|6 A | Bottom Air Discharge Auger Assembly |
|7 | Brush Adjusting System..... |
|7 A | Brush Adjusting System..... |
| 8 | Does Not Apply to This Manual |
|9 | Rope Sheave Assembly..... |
|10 | Brush Carrier Assembly..... |
|11 & 12 | Bottom Fan Shaft..... |
|13 B | Bottom Counter Shaft..... |
|14 B | Top Counter Shaft..... |
|15C | Eccentric Shaft..... |
|16 B | Eccentric Shaft..... |
|17 Thru 23 | Does Not Apply to This Manual |
|24 | Adjustable Belt Take-Ups..... |
|25A | Bottom Fan Metal |
|26 | Air Trunk Assembly |
|27 | Scalper Shoe Assembly..... |
|28 | Top Shoe Assembly..... |
|29 | Bottom Shoe Assembly |
|30 | Does Not Apply to This Manual |
|31 | General Parts..... |
|32 | General Parts..... |

Top Fan Section

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|---|
| All | 26 | F05013900 | 1 | Air Trunk Assembly Complete |
| 5 | 3 | F01602600 | 1 | 1-15/16" X 85-3/4" Top Fanshaft |
| 10 | 3 | F92401150 | 2 | 1-15/16" Bore Pillow Block Bearing |
| 18 | 3 | F05502500 | 2 | High Static Fan Wheel Assembly with 10" Wide Blade |
| 215 | 26 | F05501203 | 1 | Right Side Top Fan Housing Assembly (Includes 2 Sides & Metal) |
| 215 | 26 | F05501206 | 1 | Left Side Top Fan Housing Assembly(Includes 2 Sides & Metal) |
| 15 | 1 | F05003900 | 2 | Top Fan Bleeder Inlet Slide Assembly |
| 12 | 1 | F04303128 | 1 | Adjusting handle & Crank (28" Long for top air) |
| 4 | 1 | F05313000 | 2 | Adjusting handle shaft Bearing |
| | 1 | F04001600 | 1 | Hand Crank Handle with wood Knob |
| 17 | 1 | F05007000 | 1 | Front Air Damper with End Castings |
| | 1 | F01013500 | 2 | Valve Control Assy Complete (Includes 1 Each Below) |
| 1 | 1 | F01005500 | 1 | Universal Joint |
| 9 | 1 | F01805800 | 1 | 6" Threaded Screw Shaft with 5/8" Shank |
| 13 | 1 | F04313500 | 1 | Swivel Plate (bolts to wood side) |
| ** | 1 | F04313100 | 1 | Plain Pivot Nut |
| 14 | 1 | F04314800 | 1 | Swivel Arm Pivot Lever |
| ** | 1 | F04313200 | 1 | Threaded Pivot Nut |

**Refers to the previous listing number. May give parts within that assembly, right side-left side numbers, or numbers for parts that are specific to RH or LH machines.

Note: Front of the Machine is Where the Screens are Inserted Into the Machine. Discharge Spouts are Determined by Standing at the Front and Facing the Machine. Right Hand Discharge Spouts Would Discharge Towards Your Right Hand.

TOP AIR DISCHARGE AUGER ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| | 4 B | F12503725 | 1 | Complete Auger Assembly for Right Hand Discharge(Parts Below) |
| 504 | 4 B | F12900205 | 1 | Shaft with Flighting 84" for Right Hand |
| All | 4 B | F12503726 | 1 | Complete Auger Assembly for Left Hand Discharge(Parts Below) |
| 504 | 4 B | F12900305 | 1 | Shaft with Flighting 84" for Left Hand |
| 507 | 4 B | F12502300 | 1 | End Flipper Valve |
| 502 | 4 B | 40000005 | 4 | 1-3/16" Bore Flangette Stamping |
| 501 | 4 B | F92460301 | 2 | 1-3/16" Bearing Insert |

BOTTOM/BACK SETTLING AUGER ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| 31 | 6 A | F12504160 | 1 | Complete Auger Assembly for Left Hand Discharge(Parts Below) |
| 28 | 6 A | F12900301 | 1 | Shaft with Flighting 83" for Left Hand Discharge Machine |
| 31 | 6 A | F12504130 | 1 | Complete Auger Assembly for Right Hand Discharge(Parts Below) |
| 28 | 6 A | F12900201 | 1 | Shaft with Flighting 83" for Right Hand Discharge Machine |
| 36 | 6 A | F24308100 | 4 | 1-3/16" Bore Flangette Stamping |
| 37 | 6 A | F92460301 | 2 | 1-3/16" Flangette Bearing |

SHOE DISCHARGE AUGER ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| 31 | 6 A | F12504161 | 1 | Complete Auger Assembly for Left Hand Discharge(Parts Below) |
| 28 | 6 A | F12900303 | 1 | Shaft with Flighting 83" for Left Hand Discharge Machine |
| 31 | 6 A | F12504131 | 2 | Complete Auger Assembly for Right Hand Discharge(Parts Below) |
| 28 | 6 A | F12900203 | 1 | Shaft with Flighting 83" for Left Hand Discharge Machine |
| 36 | 6 A | F24308100 | 4 | 1-3/16" Bore Flangette Stamping |
| 37 | 6 A | F92460301 | 2 | 1-3/16" Flangette Bearing |
| 325 | 32 | F01907320 | 2 | 16 Tooth Drive Sprocket with 1-3/16" Bore |
| 320 | 32 | F93041000 | | #41 Roller Chain (Specify Amount) |
| | | F01003305 | 1 | #41 Chain Idler Sprocket Assembly |

BRUSH ADJUSTING SYSTEM

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|--|----------|----------------------|------|--|
| <u>For Scalper Screen</u> | | | | |
| 39 | | Not Available | 1 | Brush Adjust/ Control Side Left Hand Side <u>(Top Scalper Screen)</u> |
| 39 | 7 | F01003002 | 1 | Brush Adjust/ Control Side Right Hand Side (Includes Below) |
| 42 | 7 | F01105400 | 1 | Adjustments Handle with Spring |
| 42A | 7 | F82080060 | 1 | Shoulder Bolt for Brush Adjusters (Both Sides) |
| 38 | 7 | F01004901 | 1 | Brush Adjusters - Idler Side (Left Hand Side) |
| ** | 7 | F01004902 | 1 | Brush Adjusters - Idler Side (Right Hand Side) (Includes Below) |
| 43 | 7 | F01106300 | 1 | Idler Arm Support |
| 43A | 7 | F82080060 | 1 | Shoulder Bolt for Brush Adjusters (Both Sides) |
| 54 | 10 | F09501800 | 1 | Brush Carrier Assembly 25" x 22" with Rollers (Brushs not included) |
| | 10 | F10000120 | 2 | 23" Black Course Brushes |
| 53 | 10 | F09501400 | 2 | Brush Carrier Roller for 1-3/16" Shaft |
| 56 | 10 | F09802401 | 2 | Carrier Roller Axle with Hardware |
| 48 | 10 | F01612110 | 1 | Brush Carrier Shaft 1-3/16" X 68" |
| <u>For Top Screen In Each Main Shoe</u> | | | | |
| 39 | 7 A | F01005001 | 4 | Brush Adjust/ Idler Side Left Hand Side |
| ** | 7 A | F01005002 | 4 | Brush Adjust/ Idler Side Right Hand Side (Includes Below) |
| 43 | 7 | F01106300 | 1 | Idler Arm Support |
| 43A | 7 | F82080060 | 1 | Shoulder Bolt for Brush Adjusters (Both Sides) |
| 32 | 7 A | F01106401 | 2 | Brush Adjust/ Control Side Left Hand Side |
| 32 | 7 A | F01106501 | 2 | Brush Adjust Handle/ Control Side Left Hand Side |
| 32 | 7 A | F01106402 | 2 | Brush Adjust/ Control Side Right Hand Side |
| 32 | 7 A | F01106502 | 2 | Brush Adjust Handle / Control Side Right Hand Side |
| 47 | 7 A | F09501600 | 2 | Brush Carrier Assembly 25" x 46" with Rollers (Brushs not included) |
| | 10 | F10002120 | 4 | 49" Black Course Brushes |
| | 10 | F10002110 | 4 | 49" White Fine Brushes (Used on Wire Mesh Screens) |
| | | F09800000 | 2 | Rope Clamp Bracket |
| 53 | 10 | F09501400 | 8 | Brush Carrier Roller for 1-3/16" Shaft |
| 56 | 10 | F09802401 | 8 | Carrier Roller Axle with Hardware |
| 35 | 7 A | F01804720 | 2 | Straight Brush Adjusting Connecting Bar 38" |
| 48 | 10 | F01612110 | 4 | Brush Carrier Shaft 1-3/16" X 68" |

BRUSH ADJUSTING SYSTEM CONTINUED

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|---|-------------|----------------|------|---|
| <u>For Bottom Screen In Each Main Shoe</u> | | | | |
| 39 | 7 A | F01005001 | 4 | Brush Adjust/ Idler Side Left Hand Side |
| ** | 7 A | F01005002 | 4 | Brush Adjust/ Idler Side Right Hand Side(Includes Below) |
| 43 | 7 | F01106300 | 1 | Idler Arm Support |
| 43A | 7 | F82080060 | 1 | Shoulder Bolt for Brush Adjusters (Both Sides) |
| 32 | 7 A | F01106401 | 2 | Brush Adjust/ Control Side Left Hand Side |
| 32 | 7 A | F01106501 | 2 | Brush Adjust Handle/ Control Side Left Hand Side |
| 32 | 7 A | F01106402 | 2 | Brush Adjust/ Control Side Right Hand Side |
| 32 | 7 A | F01106502 | 2 | Brush Adjust Handle / Control Side Right Hand Side |
| 43A | 7 | F82080060 | 1 | Shoulder Bolt for Brush Adjusters (Both Sides) |
| 47 | 7 A | F09501700 | 2 | Brush Carrier Assembly 72" with Rollers (Brushes not included) |
| | 10 | F10001220 | 4 | 76" Black Course Brushes |
| | 10 | F10001210 | 4 | 76" White Fine Brushes (Used on Wire Mesh Screens) |
| | | F09800000 | 2 | Rope Clamp Bracket |
| 53 | 10 | F09501400 | 8 | Brush Carrier Roller for 1-3/16" Shaft |
| 56 | 10 | F09802401 | 8 | Carrier Roller Axle with Hardware |
| 36 | 7 A | F01806800 | 2 | Bent Brush Adjusting Connecting Bar 38" |
| 48 | 10 | F01612110 | 8 | Brush Carrier Shaft 1-3/16" X 68" |
| ** | 9 | F01000200 | 20 | Rope Sheave Assembly Complete (Includes 1 Each Below) |
| 46 | 9 | F01401300 | 1 | 3" Rope Sheave Only with Bushing |
| 50 | 9 | F01802401 | 1 | Rope Sheave Axle with Hardware |
| 40 | 9 | F01101500 | 1 | Rope Sheave Bracket Only |
| 41 | 9 | F01104300 | 10 | One Hole Plate with 1-5/8" Bore |
| 51 | 9 | F11806401 | 2 | Jack Plate |
| | | F11806402 | 2 | Jack Plate |
| | | F97700003 | 100 | Wirelon Plastic Coated Cable (In Feet) |

**Note: Front of the Machine is Where the Screens are Inserted Into the Machine.
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BOTTOM FAN ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|---|
| 59 | 12 | F01611210 | 1 | Fan Shaft 1-1/2" X 81" (Includes Keys) |
| 71 | 12 | F19803601 | 2 | 3/8" X 5" Keys |
| 72 | 11 | F92401080 | 2 | 1-1/2" Pillow Block Bearing |
| 62 | 11 | F02707300 | 2 | Bridgetree Mounting Angle for Bearing |
| 68 | 11 | F19701600 | 1 | 12" Diameter 1-1/2" Bore Stationary Disc |
| 69 | 11 | F19702901 | 1 | 12" Diameter 1-1/2" Bore Spring End Disc |
| 70 | 11 | F92700007 | 1 | 10" Heavy Duty Spring |
| 67 | 11 | F19700800 | 1 | Hand Nut for 1-1/2" Shaft |
| | 13 B | F91180034 | 1 | ATF 34 Variable Air Regulator Belt |
| 61 | 12 | F97700052 | 2 | Tapered Fan Entry Cones |
| 201 | 25 A | F06302040 | 1 | Bottom Drum Iron 57-5/8" x 88" |
| 203 | 25 A | F06303800 | 1 | Discharge Chute 4" |
| 204 | 25 A | F06303500 | 1 | Breast Iron 57-5/8" x 24-1/2" |
| ** | 12 | F06002780 | 1 | Bottom Fan Assembly Complete(includes 60,63 & Bolts) |
| 60 | 12 | F01701102 | 4 | Wooden Fan Blade 59-5/8" |
| 63 | 12 | F06001000 | 4 | Spider Fan Arm 1-1/2" Bore |

BOTTOM COUNTERSHAFT ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|---|
| 73 | 14 B | F01615600 | 1 | Countershaft 1-1/2" X 85-1/2" (Includes Keys) |
| | | F19803601 | 3 | 3/8" X 5" Keys |
| 76 | 14 B | F92401080 | 1 | 1-1/2" Pillow Block Bearing |
| 87 | 14 B | F92441083 | 1 | 7475 Pillow Block Bearing Complete w/Bearing |
| ** | 14 B | F92400026 | 1 | 1-1/2" <u>Bearing Only</u> for 7475 Bearing |
| 79 | 14 B | F19701600 | 1 | 12" Diameter 1-1/2" Bore Stationary Disc |
| 78 | 14 B | F19701400 | 1 | 12" Diameter 1-1/2" Bore Thrust End Disc |
| 88 | 14 B | F92452090 | 1 | B-34 Thrust Bearing |
| 77 | 14 B | F19500700 | 1 | 1-1/2" Adjusting Nut (Includes Zerk with Plug) |
| | | F19806200 | 1 | Zerk with Plug for Adjusting Nut |

Note Drive Sheaves Listed in Back

TOP COUNTERSHAFT ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|---|
| 73 | 14B | F01615110 | 1 | Countershaft 1-1/2" X 85-1/2" (Includes Keys) |
| 84 | 14B | F19803601 | 3 | 3/8" X 5" Keys |
| 76 | 14B | F92401080 | 1 | 1-1/2" Pillow Block Bearing |
| 74 | 14B | F92441083 | 1 | 7475 Pillow Block Bearing Complete w/Bearing |
| ** | 14B | F92400026 | 1 | 1-1/2" <u>Bearing Only</u> for 7475 Bearing |
| 79 | 14B | F19701600 | 1 | 12" Diameter 1-1/2" Bore Stationary Disc |
| 78 | 14B | F19701400 | 1 | 12" Diameter 1-1/2" Bore Thrust End Disc |
| 75 | 14B | F92452090 | 1 | B-34 Thrust Bearing |
| 77 | 14B | F19500700 | 1 | 1-1/2" Adjusting Nut (Includes Zerk with Plug) |
| | | F19806200 | 1 | Zerk with Plug for Adjusting Nut |

NOTE: On Some Super 248BDH's 9" had discs on the Countershaft Shaft Assembly

| | | | | |
|----|-----|-----------|---|---|
| 77 | 14B | F19500700 | 1 | 1-1/2" Adjusting Nut(Includes Zerk with Plug #24) |
| 75 | 14B | F92452090 | 1 | B-34 Thrust Bearing |
| | | F19806200 | 1 | Zerk with Plug for Adjusting Nut |
| 78 | 14B | F19701000 | 1 | 9" Diameter 1-1/2" Bore Thrust End Disc |
| 79 | 14B | F19701100 | 1 | 9" Diameter 1-1/2" Bore Stationary Disc with Set Screws |

SCLAPER ECCENTRIC SHAFT ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| | | F01601901 | 1 | Scalper Eccentric Shaft 1-1/2" x 75" |
| | | F92401080 | 2 | 1-1/2" Pillow Block Bearing |
| | | F19701402 | 1 | 12" Diameter 1-1/2" Bore Spring End Disc |
| | | F19701600 | 1 | 12" Diameter 1-1/2" Bore Stationary Disc with Set Screws |
| | | F92700007 | 1 | 10" Spring |
| | | F19700800 | 1 | Hand Nut |
| | | F19503601 | 2 | 1-1/2" Throw Eccentric Assembly Complete 3/8" (Includes Below) |
| ** | | F92400053 | 1 | Bearing Insert for Eccentric Assembly |
| ** | | F19804003 | 1 | 1-1/2" Bore 3/8" Throw Eccentric Hub |
| ** | | F19703000 | 1 | Eccentric Housing for Assembly |
| | | OR | | |
| | | F19700900 | 1 | 9" Diameter 1-1/2" Bore Spring End Disc |
| | | F19701100 | 1 | 9" Diameter 1-1/2" Bore Stationary Disc with Set Screws |

| | | |
|-----------|---|------------|
| F92700007 | 1 | 10" Spring |
| F19700800 | 1 | Hand Nuut |

TOP ECCENTRIC SHAFT ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| 85 | 15C | F01627900 | 1 | Eccentric Shaft 1-1/2" X 88-1/2" (Include Keys) |
| | 15C | F19803601 | 2 | 3/8' x 5" Square Keys |
| | | F87300052 | 2 | 3/8" x 1-1/4" Woodruff Keys |
| | | 49000832 | 1 | 3/8" x 2" Square Keys |
| 343 | 15C | F01806907 | 1 | Eccentric Cross Girt with Bearing Mounting Pads |
| 89 | 15C | F92401080 | 4 | 1-1/2" Pillow Block Bearing |
| 328 | 15C | F01307500 | 1 | 19" Flywheel 1-1/2" |
| 335 | 15C | F19604110 | 1 | 18-7/8" Wood Pitman Arm / Right Hand Top |
| 334 | 15C | F19604120 | 1 | 18-7/8" Wood Pitman Arm / Left Hand Top |
| 92 | 15C | F19503600 | 2 | 1-1/2" Throw Eccentric Assembly Complete (Includes Below) |
| ** | | F92400053 | 1 | Bearing Insert for Eccentric Assembly |
| ** | | F19804004 | 1 | 1-1/2" Bore 1/2" Throw Eccentric Hub |
| ** | | F19703000 | 1 | Eccentric Housing for Assembly |

BOTTOM ECCENTRIC SHAFT ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| 90 | 16 B | F01611020 | 1 | Eccentric Shaft 1-1/2" X 75-1/2" (Includes Keys) |
| 343 | 16 B | F01806907 | 1 | Eccentric Cross Girt with Bearing Mounting Pads |
| 89 | 16 B | F92401080 | 4 | 1-1/2" Pillow Block Bearing |
| 341 | 16 B | F19600401 | 1 | 18-3/4" Wood Pitman Arm / Right Hand Top |
| 342 | 16 B | F19600402 | 1 | 18-3/4" Wood Pitman Arm / Left Hand Top |
| 92 | 16 B | F19503600 | 2 | 1-1/2" Throw Eccentric Assembly Complete (Includes Below) |
| ** | | F92400053 | 1 | Bearing Insert for Eccentric Assembly |

** F19804004 1 1-1/2" Bore 1/2" Throw Eccentric Hub
 ** F19703000 1 Eccentric Housing for Assembly

SCALPER SHOE ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|---|
| 220 | 31 & 27 | F03001100 | 1 | Scalper Shoe Assembly <u>Complete</u> |
| 227 | 27 | F03126410 | 1 | Scalper Shoe Wood Side Right Hand |
| | | F03126420 | 1 | Scalper Shoe Wood Side Left Hand |
| | | F03304901 | 1 | Bottom Blankway Liner Right Hand |
| | | F03304902 | 1 | Bottom Blankway Liner Left Hand |
| 231 | 27 | F03325810 | 1 | Shoe Bottom Metal 55-1/2" x 32" |
| | | F03016900 | 1 | Screen Blank |
| | | F03001210 | 1 | Eccentric Drive Bearing Plate with Keyway |
| | | F03001220 | 1 | Eccentric Drive Bearing Plate without Keyway |
| | | F01602101 | 1 | Pitman Shoe Drive Shaft |
| 232 | 27 | F03402200 | 1 | Canvas Apron Assembly |
| 230 | 27 | F03305201 | 1 | Metal Screenway Liner Right Hand |
| 228 | 27 | F03305202 | 1 | Metal Screenway Liner Left Hand |
| 229 | 27 | F03801100 | 2 | Metal Rubber Holding Strip (Customer to Cut to Length) |
| 241 | 27 | F91152004 | 6 | 1-1/2" Rubber Seal (In Feet) |
| | | F03106301 | 1 | Screen Stop Right Hand |
| | | F03106302 | 1 | Screen Stop Left Hand |
| 233 | 27 | F03500800 | 2 | Screen Hook Assembly |
| | | F03302100 | 2 | Back Hanger Plate Weldment |
| | | F03322601 | 1 | Left Hand Front Hanger Plate Weldment |
| | | F03322602 | 1 | Right Hand Front Hanger Plate Weldment |
| | | F18602822 | 4 | 6" Heavy Duty Hanger Assembly with Needle Bearing |
| ** | | F92431040 | 8 | MR 20 Needle Beaing (Included in Above) |
| | | F92431000 | 8 | Inner Race |
| | | F02705600 | 4 | Millside Hanger Bracket with Sliding Stub Shaft |
| | 27 | F01003700 | 1 | Quick Change Flow Assembly |

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TOP SHOE ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|-------------|-------------|----------------|------|--|
| All | 28 | F03013701 | 1 | Top Shoe Assembly Complete Right Hand |
| All | 28 | F03013702 | 1 | Top Shoe Assembly Complete Left Hand |
| 360 | 28 | F03126501 | 1 | Right Shoe Side Wood Only |
| ** | 28 | F03126502 | 1 | Left Shoe Side Wood Only |
| | 28 | F03325810 | 1 | Shoe Bottom Metal 55-1/2" x 32" |
| | 28 | F03325830 | 1 | Shoe Bottom Metal 55-1/2" x 22" |
| | 28 | F03325870 | 1 | Shoe Bottom Metal 55-1/2" x 35" |
| 362 | 28 | F03305803 | 2 | 91-1/4" Metal Screenway Liner |
| 127 | 28 | F03305706 | 2 | 86-1/4" Metal Screenway Cap |
| 361 | 28 | F03305401 | 3 | 60" Metal Rubber Holding Strip |
| 363 | 28 | F03800413 | 2 | 60" Metal Screenway Liner |
| 127 | 28 | F03305701 | 2 | 60" Metal Screenway Cap |
| 361 | 28 | F03305401 | 2 | 60" Metal Rubber Holding Strip |
| 373 | 28 | F91152004 | 26 | 1-1/2" Rubber Seal (In Feet) |
| 364 | 28 | F03310300 | 2 | Pitman Angle |
| 365 | 28 | F03310400 | 2 | Pitman Inside Support Plate |
| | | F03801000 | 4 | Screen Stop |
| 124 | 28 | F03500800 | 4 | Screen Hook Assembly |
| 376 | 28 | F08305400 | 1 | Straw Spout (Both Right or Left Hand) |
| 370 | 28 | F03322402 | 1 | Back Hanger Plate Weldment Left Hand |
| 372 | 28 | F03322403 | 1 | Back Hanger Plate Weldment Right Hand |
| 371 | 28 | F03322503 | 1 | Front Hanger Plate Weldment Left Hand |
| 371 | 28 | F03322502 | 1 | Front Hanger Plate Weldment Right Hand |
| 327 | 31 | F18602802 | 4 | 12" Heavy Duty Hanger Assembly with Needle Bearing |
| ** | | F92431040 | 8 | MR 20 Needle Beaing (Included in Above) |
| | | F92431000 | 8 | MI 16 Inner Race |

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BOTTOM SHOE ASSEMBLY

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|-------------|-------------|----------------|------|--|
| 400 | 29 | F03014801 | 1 | Bottom Shoe Assembly Complete Right Hand |
| 400 | 29 | F03012802 | 1 | Bottom Shoe Assembly Complete Left Hand |
| 392 | 29 | F03129802 | 1 | Right Shoe Side Wood Only |
| 393 | 29 | F03129801 | 1 | Left Shoe Side Wood Only |
| | 29 | F03325840 | 1 | Shoe Bottom Metal 55-1/2" x 35" |
| | 29 | F03325810 | 1 | Shoe Bottom Metal 55-1/2" x 32" |
| | 29 | F03325960 | 1 | Shoe Bottom Metal 55-1/2" x 48" |
| 390 | 29 | F03305813 | 4 | 95-1/2" Metal Screenway Liner |
| 396 | 29 | F03805401 | 4 | 60" Metal Rubber Holding Strip |
| 397 | 29 | F03305703 | 4 | 91-1/4" Metal Screenway Cap |
| 405 | 29 | F91152004 | 16 | 1-1/2" Rubber Seal (In Feet) |
| 390 | 29 | F03305812 | 4 | 66" Metal Screenway Liner |
| 396 | 29 | F03805701 | 3 | 60" Metal Rubber Holding Strip |
| 397 | 29 | F03305710 | 2 | 66" Metal Screenway Cap |
| 405 | 29 | F91152004 | 12 | 1-1/2" Rubber Seal (In Feet) |
| 398 | 29 | F03310300 | 2 | Pitman Angle Bracket 15-3/16" |
| 399 | 29 | F03310400 | 2 | Pitman Inside Support Plate |
| 124 | 28 | F03500800 | 4 | Screen Hook Assembly |
| 370 | 28 | F03322403 | 1 | Left Hand Back Hanger Plate Weldment |
| 372 | 28 | F03322402 | 1 | Right Hand Back Hanger Plate Weldment |
| 371 | 28 | F03324902 | 1 | Left Hand Front Hanger Plate Weldment |
| 373 | 28 | F03324903 | 1 | Right Hand Front Hanger Plate Weldment |
| 327 | 31 | F18602802 | 4 | 12" Heavy Duty Hanger Assembly with Needle Bearing |
| ** | | F92431020 | 8 | MR 20 Needle Beaing (Included in Above) |
| | | F92431000 | 8 | MI 16 Inner Race |
| 376 | 28 | F08305400 | 1 | Straw Spout (Both Right or Left Hand) |
| | | F03107000 | 2 | Spout Track |
| | | F03402200 | 1 | Canvas Apron Assembly |

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PULLEYS & BELTS

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|---|
| 303 | 32 | F91162097 | 3 | B-97 Belt (From Top Countershaft to Top Fan) |
| 346 | 32 | F91932124 | 1 | 3B12.4 SK Countershaft Sheave (Is Driven By Top Fan Shaft) |
| 347 | 32 | 44010918 | 1 | SK Bushing for above |
| | | F91932064 | 1 | 3B6.4 SK Top Fan Sheave (Drives Countershaft Shaft) |
| | | 44010725 | 1 | SK Bushing for above |
| 301 | 32 | F91162136 | 2 | B-136 Belt (From Top Countershaft to Bottom Countershaft) |
| 352 | 32 | F91932052 | 1 | 2B5.2 SD Countershaft Sheave (Top Countershaft) |
| 353 | 32 | 44010718 | 1 | SD Bushing for above |
| 344 | 32 | F91932052 | 1 | 2B5.2 SD Countershaft Sheave (Bottom Countershaft) |
| 345 | 32 | 44010718 | 1 | SD Bushing for above |
| 304 | 32 | F91162120 | 1 | B-120 Belt (From Top Countershaft to Hopper) |
| | All 24 | F01002803 | 1 | Belt Idler Assembly Complete with 5-1/2" Stub Shaft |
| 348 | 32 | 43110075 | 1 | 1B3.4 SH Sheave (Drives Hopper) |
| 349 | 32 | 44010310 | 1 | SH Bushing for above 1-1/2" Bore |
| 307 | 32 | | 1 | 16" Hopper Sheave (F04201700 Right H or F04201800 Left H) |
| 301 | 32 | F91162090 | 1 | B-90 Belt (From Top Countershaft to Top Auger Discharge) |
| | All 24 | F01002803 | 1 | Belt Idler Assembly Complete with 5-1/2" Stub Shaft |
| 350 | 32 | F91912036 | 1 | 1B3.6 SH Top Countershaft Sheave (Drives Top Auger) |
| 351 | 32 | 44010318 | 1 | SH Bushing for Above Sheave 1-1/2" Bore |
| | 32 | F91912184 | 1 | 1B18.4 SK Valve Shaft Sheave (Is Driven by Countershaft) |
| | | 44010913 | 1 | SK Bushing for Sheave 1-3/16" Bore |
| 303 | 32 | F91162133 | 1 | B-133 Belt (From Top Auger Discharge to Shoe Discharge Auger) |
| 193 | All 24 | F01002803 | 1 | Belt Idler Assembly Complete with 5-1/2" Stub Shaft |
| | | F9191068 | 1 | 1B9.4 SDS Sheave (Top Air Discharge,Drives Shoe Discharge Auger) |
| | | 44010513 | 1 | SDS Bushing for Above Sheave 1-3/16" Bore |
| | | F9191068 | 1 | 1B6.8 SDS Sheave (Shoe Auger Discharge) |
| | | 44010513 | 1 | SDS Bushing for Above Sheave 1-3/16" Bore |
| 331 | 32 | F01908800 | 4 | 26 Tooth Timing Sprocket (Eccentric Shafts) |
| 330 | 32 | F01003304 | 1 | Chain Idler Assembly Complete |
| ** | 32 | F01805300 | 1 | 16 Tooth Idler Sprocket |
| 329 | 32 | F93049000 | 12 | #50 Roller Chain (In Feet) |

PULLEYS & BELTS CONTINUED

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| 301 | 32 | F91162136 | 1 | B-136 Belt (From Bot Countershaft to Bot Auger Discharge |
| | All 24 | F01002803 | 1 | Belt Idler Assembly Complete with 5-1/2" Stub Shaft |
| 350 | 32 | 43110155 | 1 | 1B7.4 SDS Bot Countershaft Sheave |
| 351 | 32 | 44010518 | 1 | SDS Bushing for Above Sheave 1-1/2" Bore |
| | 32 | F91912154 | 1 | 1B15.4 SK Valve Shaft Sheave (Is Driven by Countershaft) |
| | | 44010913 | 1 | SK Bushing for Sheave 1-3/16" Bore |

MISCELLANEOUS PARTS

| ITEM NO. | PAGE NO. | PART NUMBER | QTY. | DESCRIPTION |
|----------|----------|-------------|------|--|
| 324 | 31 | F08003400 | 1 | Back Let Down Spout |
| 323 | 31 | F08500700 | 1 | Catchall Discharge Spout with Hardware |
| | | F08810100 | 2 | Catchall Support Angle |
| 31322 | 31 | F08500404 | 1 | Front Let Down Spout |
| | | F08800501 | 2 | Right Side Let Down Spout Hanger |
| | | F08800502 | 2 | Left Side Let Down Spout Hanger |

**The Following Are the Ball Tray Kit Parts That were Installed
on the Super 248BDH Cleaners in the Past**

Old Style Ball Trays with 1" Square Turkey Wire That Came Out
With the Screens

| | | |
|-----------|-----|---|
| F90005057 | 6 | Ball Tray Weldment for 2 Piece Screens (For Bottom 26" Section) |
| F90005068 | 5 | Ball Tray Weldment for 2 Piece Screens (For Top 34" Section) |
| F80026101 | 864 | Black 1-3/8" Balls (72 Per Tray) |
| F11301700 | 2 | Ball Tray Support Rail 59-1/2" |
| F11301713 | 8 | Ball Tray Support Rail 44" |
| F11301712 | 2 | Ball Tray Support Rail 26" |
| F11301720 | 2 | Ball Tray Support Rail 65" |

New Style Permanent Ball Trays with That Stayed in the Machine
When the Screens Were Removed. Started to be Used in 1994

| | | |
|-----------|-----|---|
| F90008271 | 10 | Permanent Ball Tray Weldment |
| F90008273 | 1 | Permanent Ball Tray Weldment (Top Scalper) |
| F11308966 | 1 | Ball Tray Blank |
| F80026101 | 880 | Black 1-3/8" Balls (80 Per Tray) |
| F90008288 | 2 | Right Hand Ball Tray Rail w/ Screen Hook Holder Bracket |
| F90008289 | 2 | Left Hand Ball Tray Rail w/ Screen Hook Holder Bracket |
| F90008286 | 2 | Right Hand Ball Tray Rail w/ Screen Hook Holder Bracket 52" |
| F90008287 | 2 | Left Hand Ball Tray Rail w/ Screen Hook Holder Bracket 52" |
| F90008282 | 1 | Right Hand Ball Tray Rail w/ Screen Hook Holder Bracket 34" |
| F90008283 | 1 | Left Hand Ball Tray Rail w/ Screen Hook Holder Bracket 34" |
| F03500800 | 10 | Screens Hook Assembly |