

Model 50M,
Lefthand with Dust Hood

Parts List

OLIVER MODEL 50 & 50M

"Master Gravity Separator"

HOW TO ORDER PARTS

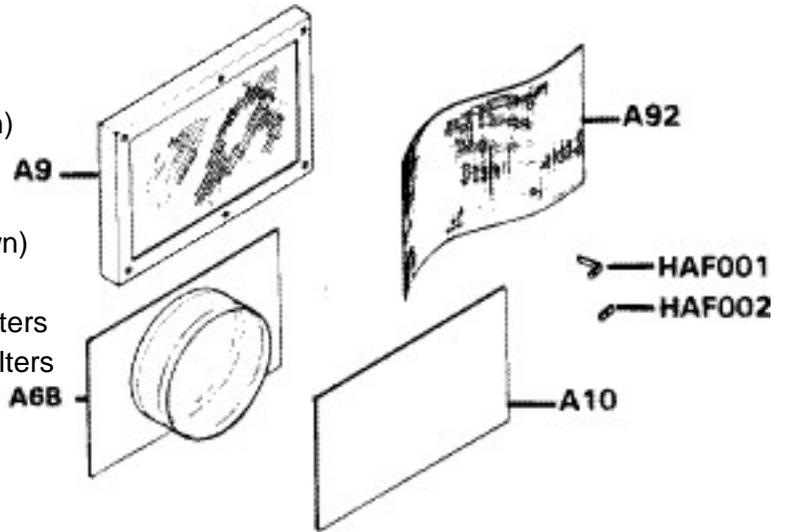
When ordering parts, please list the model number of the machine, the serial number and the part number (i.e. Model 50, Serial Number 6668, Part Number A9: Complete Air Filter). The serial number can be found on a small plate bearing the model number, attached to the air chest, immediately opposite the feeder. This will enable us to provide you with a part that will fit properly. Many parts are interchangeable between various model gravities and stoners, but others are suitable only for specific machines. If the above information cannot be furnished, please let us have the dimensions of the deck and the approximate year that the machine was purchased. We can fill orders without part numbers or other identification, but delivery time will be delayed. Usually part orders can be shipped within 24 hours after receipt at the factory. Complete decks and special items take longer. Please contact us, if you have any questions regarding parts.



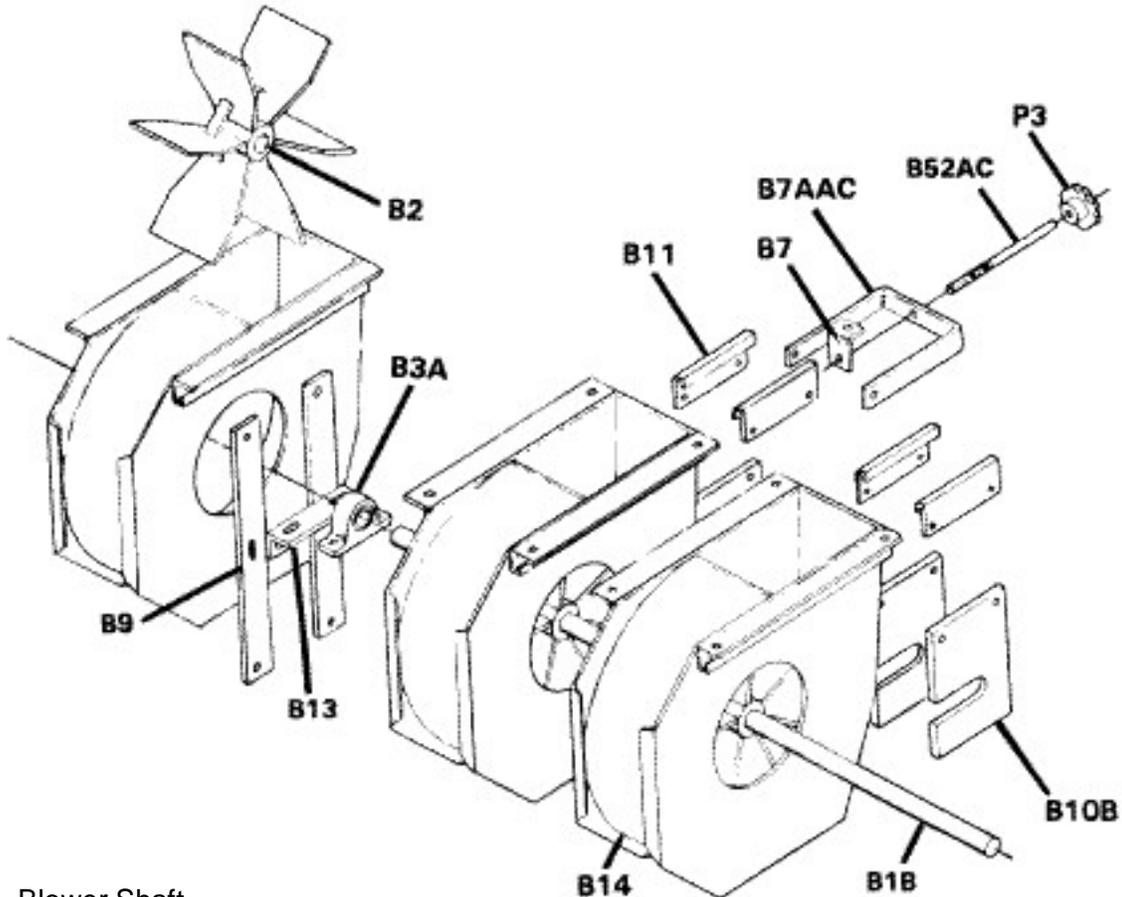
OLIVER MANUFACTURING COMPANY, INC.
BOX 512, ROCKY FORD, COLORADO 81067
(719)254-7814
FAX (719)254-6371
<http://www.olivermfgco.thomasregister.com>

AIR FILTER ASSEMBLY

- A93 Backing Wire, 1/2 X 1/2 (Not Shown)
- A92 Replacement Filter Screen Media
- A9 Complete Air Filter
- A9D Complete Deep Air Filter (Not Shown)
- A10 Filter Blank
- HAF001 90° Filter Clamp for Metal Frame Filters
- HAF002 Flat Filter Clamp for Metal Frame Filters
- HAF003 90° Filter Clamp for Deep Filters (Not Shown)
- A6B Outside Air Collar



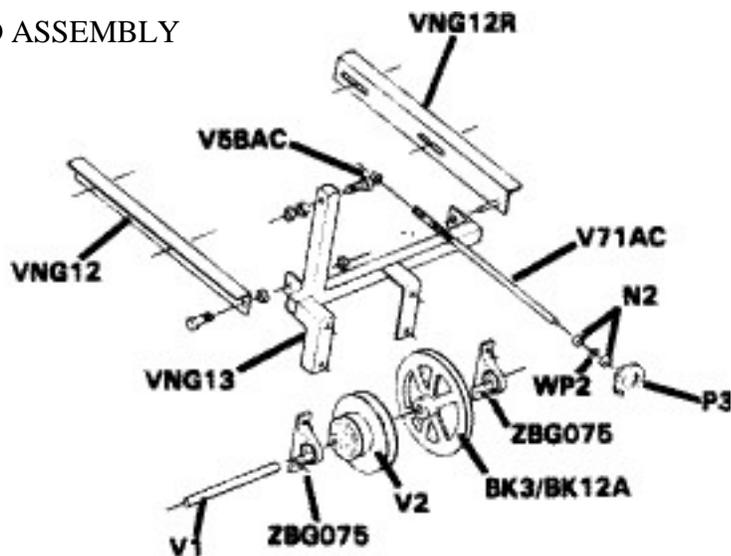
BLOWER ASSEMBLY



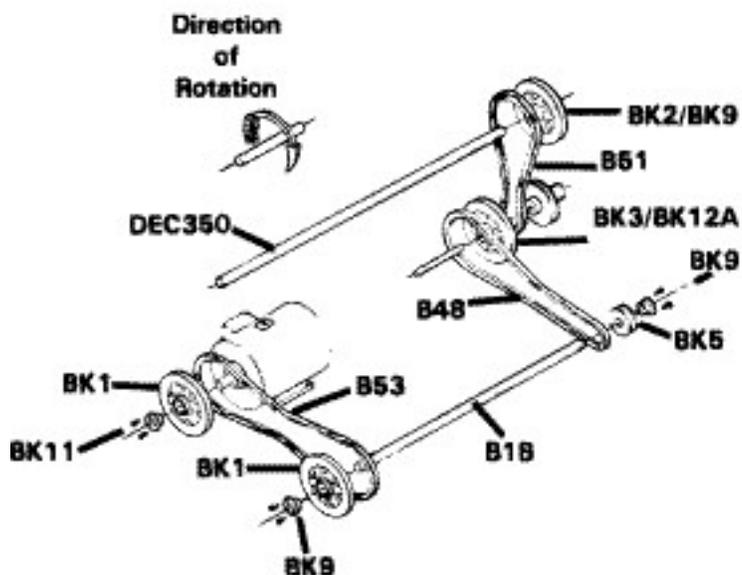
- | | | | |
|-------|-------------------------------|------|---|
| B1B | Blower Shaft | | |
| B2 | Blower Wheel | P3 | New Style Knob for Air and Speed Change |
| B3A | Bearing (LOK) | B10B | New Style Wood Air Gate Set |
| B52AC | Short Air Gate Adjustment Rod | B11 | Air Gate Slides |
| B7 | Short Air Gate Rod Stop | B14 | Drum |
| B9 | Bearing Support Strap | B13 | Bearing Support Angle |
| B7AAC | Air Gate Yoke | | |

VARISPEED ASSEMBLY

BK12A	3/4" H Bushing (Not Shown)
BK3	BK70H Sheave
V1	Variable Speed Shaft
V2	Varispeed Sheave
ZBG075	3/4" Pillow Block Bearing (LOK)
VNG12	Left Mounting Angle
VNG12R	Right Mounting Angle
VNG13	Varispeed Platform
V5BAC	Eyebolt
V71AC	Speed Control Rod
N2	1/2" Collar
P3	Speed Control Knob
WP2	Plastic Washer



DRIVE ASSEMBLY

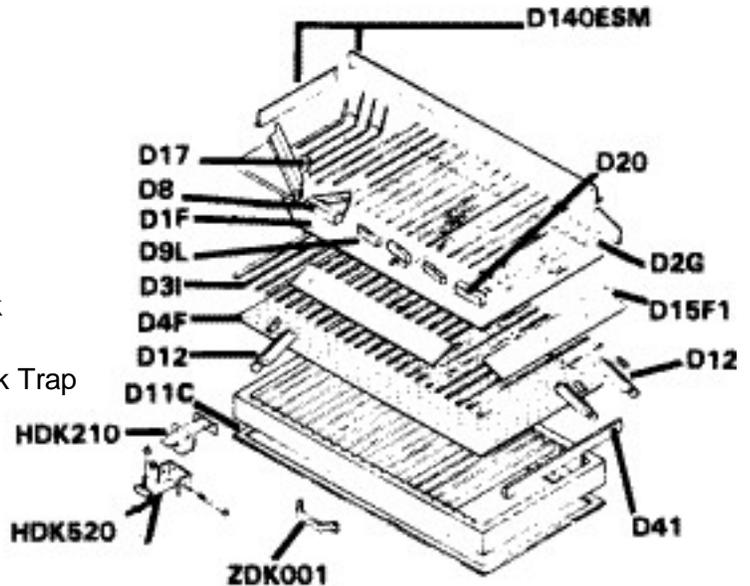


B1B	Blower Shaft
BK1	Sheave for Type A Machine (2BK80H)
BK1A	Motor Sheave for Type B Machine (Not Shown)
BK4	Blower Shaft Sheave, Varispeed End, Type B Machine (Not Shown)
BK5	Blower Shaft Sheave, Varispeed End, Type A Machine
BK11	1 1/8" H Bushing
BK2	BK80H Sheave
B48	B48 Belt to Drive Varispeed Assembly
B51	B51 Belt to Drive Eccentric Shaft
B53	B53 Belt for Motor Drive (2 required)
BK9	1 3/16" H Bushing
BK12A	3/4" H Bushing
DEC350	Eccentric Shaft
BK3	BK70H Sheave

DECK ASSEMBLIES

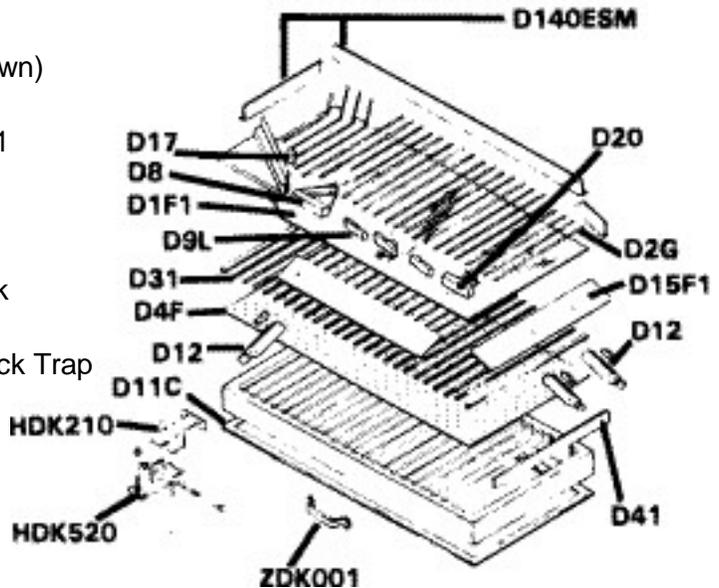
10 Mesh Screen for 1/4"-3/8" Particle Size

D1F	10 Mesh Screen Overcover
D2G	Set of Riffles and Nails
D31	Set of Parting Strips Used with D1F
D4F	Undercover Set Used with D1F
D8	Rock Trap
D9L	Discharge Gate for Left Hand Deck
D9R	Discharge Gate for Right Hand Deck (Not Shown)
D17	Metal Gate-Controls Flow From Rock Trap
D11C	Deck Felt Set
D12	Cutting Finger
D41	Deck Rib
D140ESM	Deck Rail Set
D15F1	Poly Apron Set
ZDK001	Deck Handle
HDK520	Clamp Assembly
HDK210	Deck Clip
D20	End Block



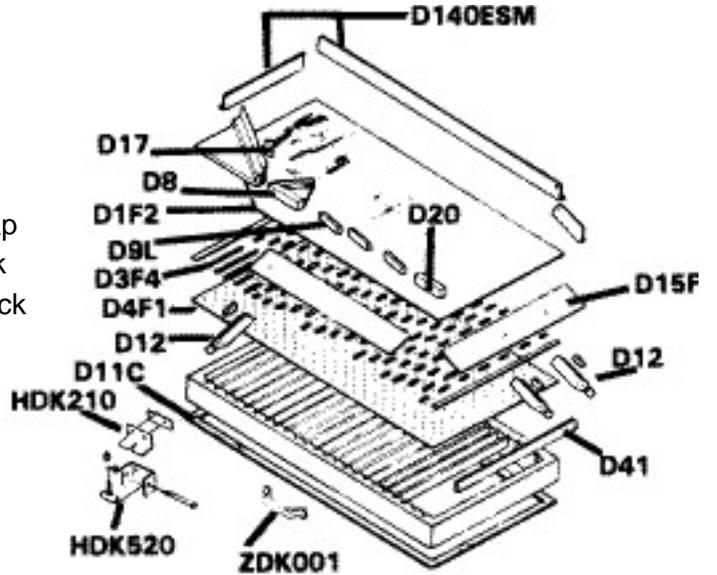
16 Mesh Screen 1/8"-1/4" Particle Size

D1F1	16 Mesh Screen Overcover
D5C	Two Mesh Friction Screen (Not Shown)
D2G	Set of Riffles and Nails
D31	Set of Parting Strips Used with D1F1
D4F	Undercover Set Used with D1F1
D8	Rock Trap
D9L	Discharge Gate for Left Hand Deck
D9R	Discharge Gate for Right Hand Deck (Not Shown)
D17	Metal Gate- Controls Flow From Rock Trap
D11C	Deck Felt Set
D12	Cutting Finger
D41	Deck Rib
D140ESM	Deck Rail Set
D15F1	Poly Apron Set
ZDK001	Deck Handle
HDK520	Clamp Assembly
HDK210	Deck Clip
D20	End Block

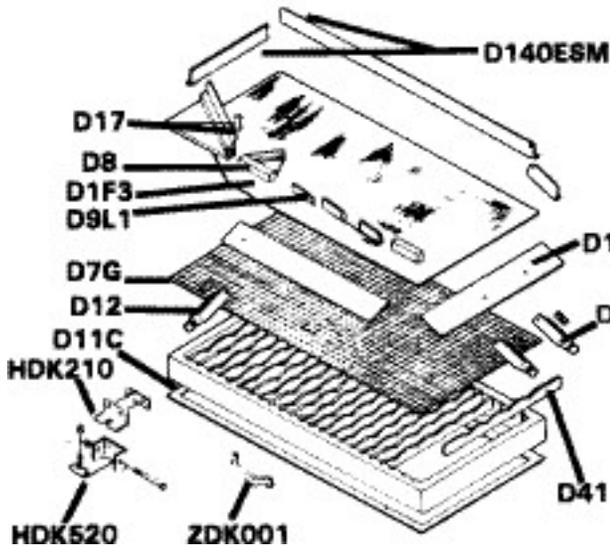


30 Mesh B Deck for 1/16"-1/8" Particle Size

- D1F2 30 Mesh Screen Overcover
- D3F4 Set of Parting Strips Used with D1F2
- D4F1 Undercover Set Used with D1F2
- D8 Rock Trap
- D17 Metal Gate-Controls Flow From Rock Trap
- D9L Wood Discharge Gate for Left Hand Deck
- D9R Wood Discharge Gate for Right Hand Deck
(Not Shown)
- D10 Deck Clamp
- D11C Deck Felt Set
- D12 Cutting Finger
- D41 Deck Rib
- D140ESM Deck Rail Set
- D15F Wood Apron Set
- ZDK001 Deck Handle
- HDK520 Clamp Assembly
- HDK210 Deck Clip
- D20 End Block

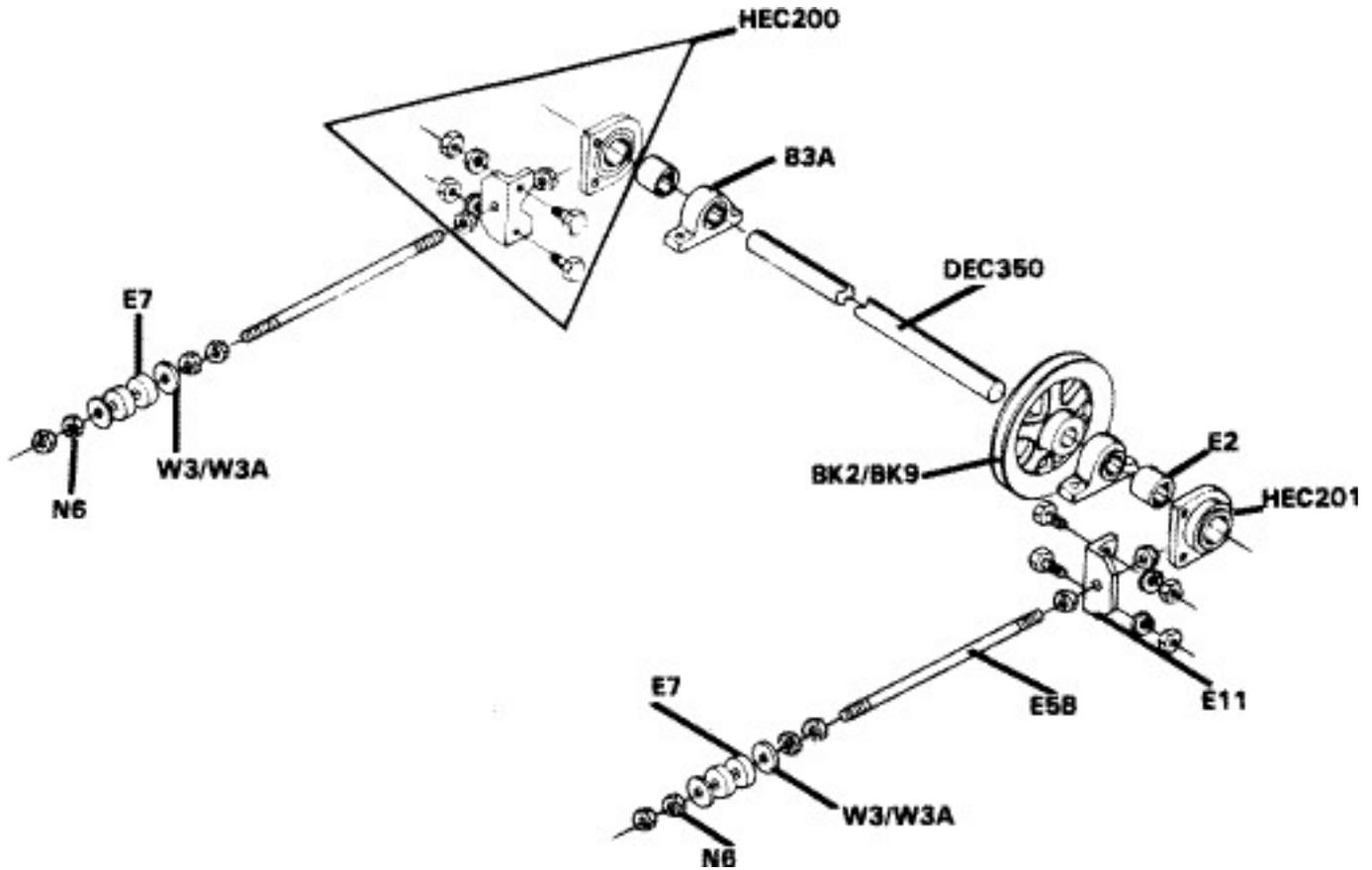


Linen Deck
For 1/16" and Below Particle Size



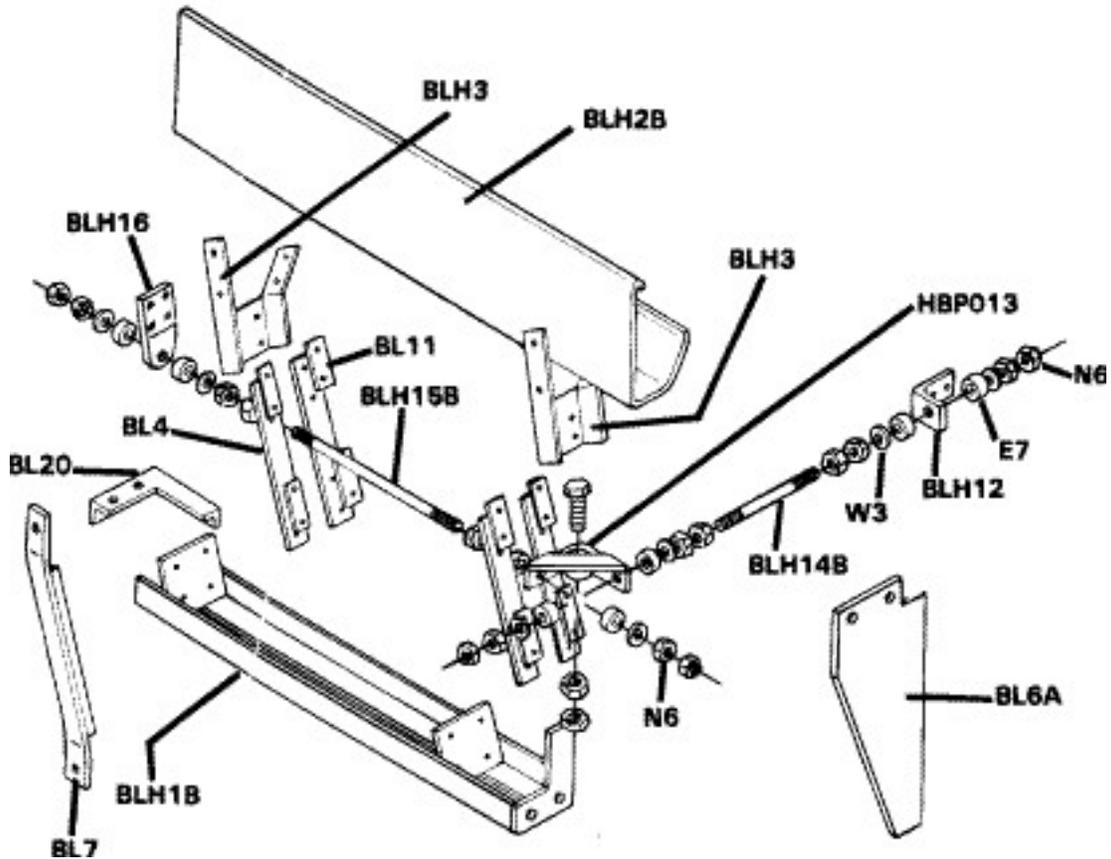
- D1F3 Linen Overcover
- D7G Cloth Support Wire Used with D1F3
- D8 Rock Trap
- D17 Metal Gate-Controls Flow from Rock Trap
- D9L1 Discharge Gate for Left Hand Deck
- D9R1 Discharge Gate for Right Hand Deck
(Not Shown)
- D10 Deck Clamp
- D11C Deck Felt Set
- D12 Cutting Finger
- D41 Deck Rib
- D140ESM Deck Rail Set
- D15F Wood Apron Set
- ZDK001 Deck Handle
- HDK520 Clamp Assembly
- HDK210 Deck Clip

ECCENTRIC ASSEMBLY



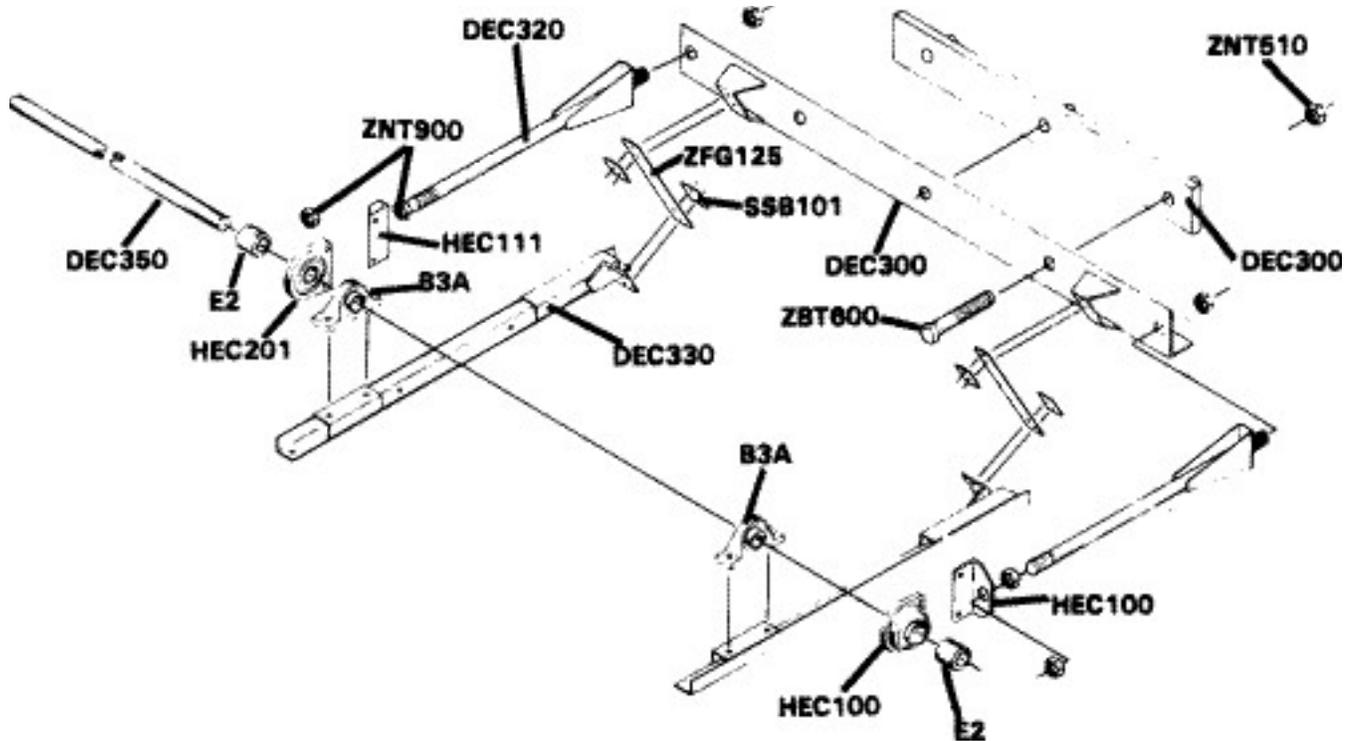
BK2	BK80H Sheave
BK9	1 3/16" H Bushing
HEC200	Eccentric Bearing with Bracket and Bolts
HEC201	Eccentric Bearing
E11	Eccentric Bearing Bracket
E2	Eccentric Heart
B3A	Eccentric Shaft Bearing
DEC350	Eccentric Shaft
E5B	Eccentric Connecting Rod-transmits eccentric motion to Deck Carriage
W3	Metal Washer
E7	Rubber Washer
N6	Jam Nut
W3A	Star Washers

BLENDER ASSEMBLY



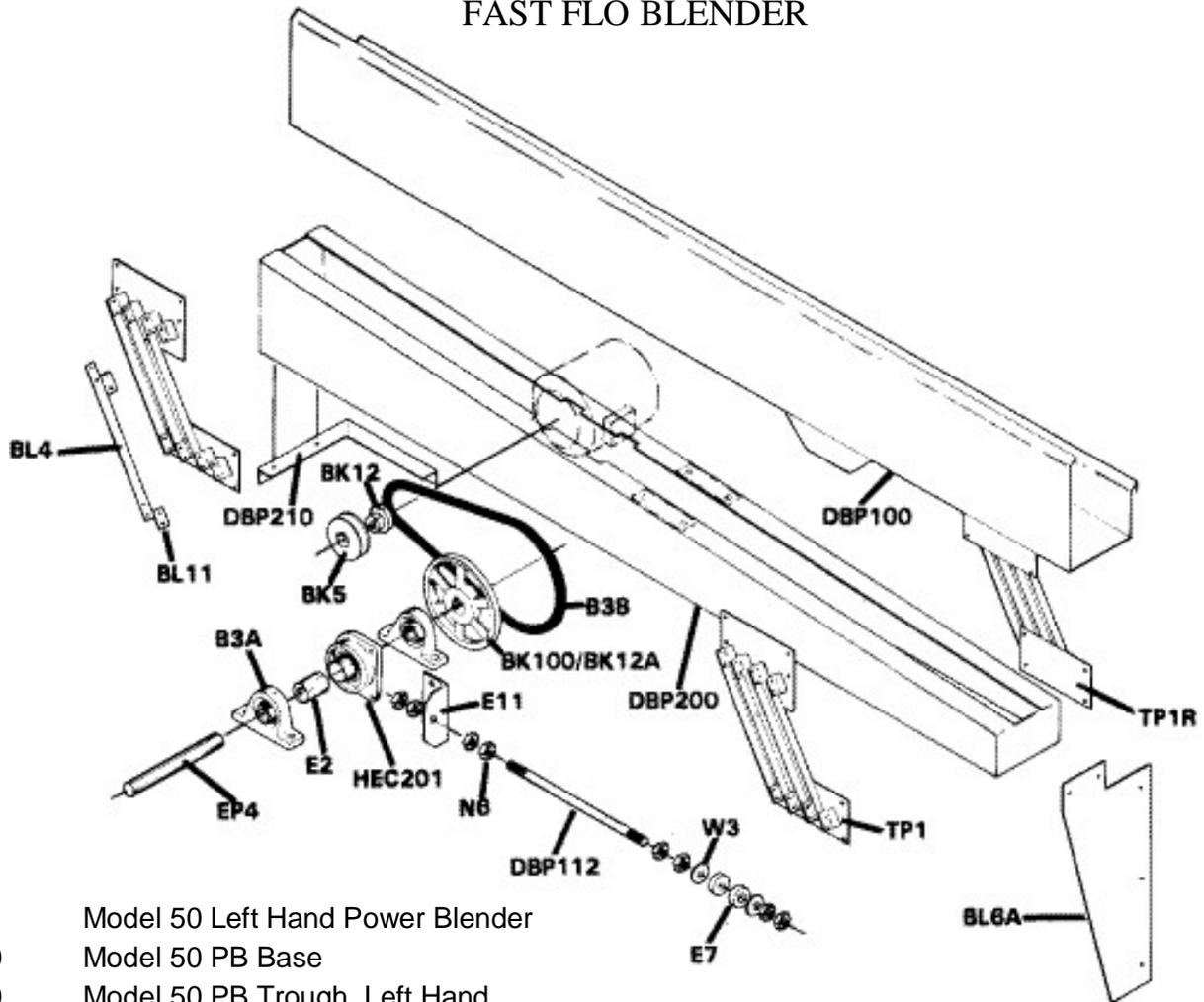
BL31	Complete Blender for 50 Left Hand
BL32	Complete Blender for 50 Right Hand (Not Shown)
BLH1B	Blender Foundation for 50 Left Hand
BLH1BR	Blender Foundation for 50 Right Hand (Not Shown)
BLH2B	Blender Trough for 50
BLH3	Spring Connector for 50 Left Hand
BLH3A	Spring Connector for 50 Right Hand (Not Shown)
BL4	Toggle Leaf Spring
BL7	Rear Blender Brace
BLH12	Angle Connection for Rod Drive Blender
HBPO13	Transition Piece (Inc Cap Screw & Nut)
BLH14B	Short Drive Rod, 3/4"
BLH15B	Long Drive Rod, 3/4"
BLH16	Rod Connector
E7	Rubber Washer
W3	Metal Washer
BL20	Rear Brace Support Angle
N6	Jam Nut
BL11	Leaf Spring Keep
BL6A	Gusset Brace

COUNTER BALANCE



DEC001	Model 50 Counter Balance Assembly
DEC010	Model 50 Counter Balance Assembly -Retrofit
DEC300	Model 50 C/W Mount Plate Complete
DEC350	Model 50 C/W Eccentric Shaft
ZFG125	Scotchply Toggle - 2 X 10-1/2
SSB101	Scotchply Back Plate - 2 X 2-1/2
HEC100	C/W Bearing w/Bracket and Bolts
HEC201	1 3/4" Eccentric Push Rod Bearing (LOK)
E2	Eccentric Heart
ZBT600	1 X 6-1/2 Hex Cap Screw
ZWA950	1" Flat Washer
ZNT900	1" Heavy Jam Nut
B3A	1-3/16 Pillow Block Bearing (LOK)
DEC330	Model 50 C/W Bearing Support Angle
DEC320	Model 50 C/W Drive Rod Complete
HEC111	C/W Mount Angle Bracket
ZNT510	1" Nyloc Nuts

FAST FLO BLENDER



DBP001	Model 50 Left Hand Power Blender
DBP200	Model 50 PB Base
DBP100	Model 50 PB Trough, Left Hand
DBP210	PB Base Brace
TP1	PB Spring Assembly, Left Hand
TP1R	PB Spring Assembly, Right Hand
BL4	Toggle Spring
BL11	Leaf Spring Keep
BK12A	H Bushing, 3/4"
BL6A	Gusset Brace
E11	Eccentric Bearing Bracket
HEC201	1-3/4" Eccentric Push Rod Bearing (LOK)
EP4	PB Eccentric Shaft
DBP112	Eccentric Connecting Rod
B3A	1-3/16 Pillow Block Bearing (LOK)
BK5	BK36H Sheave
BK12	H Bushing, 7/8"
BK100	BK100 X 1-3/16 Sheave
B38	B38 Belt
E2	Eccentric Heart
N6	3/4" Heavy Jam Nut
W3	3/4" Flat Washer
HEC200	Eccentric Bearing (LOK) W/Brk. & Bolts