

# **SUPER 498<sub>t</sub>**

## **SET UP WITH BI**

### **PAGE NUMBER**

.....1 Thru 6
.....7
.....8
.....9
.....10
.....11
.....12
...13 Thru 14
.....15A
...16 Thru 23
.....24
.....25A
...26 Thru 29
.....30
...31 Thru 32
.....33

## BRUSH SCREEN

ITEM NO.	PAGE NO.	PART NUMBER	QTY.
39	7	F01003001	2
	7	F01106101	1
42	7	F01105400	1
42	7	F82080060	1
38	7	F01004902	2
	7	F01106104	1
43	7	F01106300	1
43	7	F82080060	1
39	7	F01003002	2
**	7	F01106003	1
42	7	F01105400	1
42	7	F82080060	1
38	7	F01004901	2
		F01106001	1
43	7	F01106300	1
43	7	F82080060	1
41	9	F01104300	4
51	9	F11807001	2
**	9	F01000200	8
46	9	F01401300	1
50	9	F01802401	1
40	9	F01101500	1
54 ***		F09501900	2
53 ***	10	F09501400	4
56	10	F09802401	4
	10	F10002120	4
	10	F10002110	4
48 ***		F01612102	2
55	10	F09800100	2
		F97700003	50

**NOTE: ON SOME OLDER MACHINES, PLEASE MEASURE WIDTH OF CURVE AND LENGTH OF SHAFT**

## BOTTOM FAN

ITEM NO.	PAGE NO.	PART NUMBER	QTY.
59	12	F01615901	1
71	12	F19803601	2
		<b>Not Available</b>	2
		F92400022	2
		<b>Note: If housing is ba</b>	
72	11	F92401080	2
62	11	F02707300	2
68	11	F19701600	1
69	11	F19702901	1
70	11	F92700007	1
67	11	F19700800	1
513	15A	F91180034	1
**	12	F06002681	1
60	12	F01701101	4
63	12	F06001000	4

**ECCENTRIC  
(WITH COU**

<b>ITEM NO.</b>	<b>PAGE NO.</b>	<b>PART NUMBER</b>	<b>QTY.</b>
85	15A	F01611900	1
89		<b>Not Available</b>	2
**		F92400022	1
89		F92053126	1
89		F92401080	1
87	15A	F92441082	1
**		F92400026	1
93	15A	F19701600	1
92	15A	F19701400	1
94	15A	F19500700	1
88	15A	F92452090	1
515	15A	F01104600	4
514	15A	F01804405	2
91	15A	F19503600	2
**		F92400053	1
**		F19804004	1
**		F19703000	1
512	15A	F19602102	1
513	15A	F19602101	1

## MAIN SHO

ITEM NO.	PAGE NO.	PART NUMBER	QTY.
424	33	<b>Not Avaiable</b>	1
138	30	F03116801	1
***		F03116802	1
		F03120207	1
132		F03016510	2
137		F03102601	2
133		F03016520	3
432	33	F03101720	2
433	33	F03301002	2
431	33	F0830-----	1
431	33	F0830-----	1
441	33	F0830-----	1
441	33	F0830-----	1
44	30	F01200203	4
45	30	F01200300	4
49	30	F01801700	4
47	30	F01608320	2
52	30	66276400	2
192		F03401600	1
145	33	F03500210	1
151	30	F03600200	1
**	30	F03600300	1
153	30	F03800413	2
156	30	F03801100	2
159	30	F91152006	10.2
		F03801000	2
144	30	F03500800	2
	30	F03800002	2
177	30	F03505800	1
141	30	F03310009	1
		F90005303	1
175	30	F03500600	2

## MAIN SHOE ASSE

ITEM NO.	PAGE NO.	PART NUMBER	QTY.
145	33	F03500310	1
151	30	F03600400	1
**	30	F03600500	1
153	30	F03800413	2
156	30	F03801100	2
159	30	F91152006	10
		F03806000	2
144	30	F03500800	2
	30	F03800002	2
177	30	F03505800	1
141	30	F03310009	1
		F90005303	1
175	30	F03500600	2
		F03500500	1

**Note: Front of the Machine is Where Discharge Spouts are Determined by Right Hand Discharge Spouts Would**

24	24	F01002803	1
178	24	F01100100	1
191	24	F01806202	1
179	24	F01103300	1
180	24	F01400700	1
185	24	F01805010	1



# A CLEANER PARTS

## RUSH SCREEN CLEANING

### GROUP DRAWING

- Does Not Apply To This Manual .....
- Brush Adjusting System .....
- Does Not Apply To This Manual .....
- Rope Sheave Assembly .....
- Brush Carriage Assembly .....
- Bottom Fan Shaft.....
- Bottom Fan Shaft.....
- Does Not Apply To This Manual .....
- Eccentric Shaft.....
- Does Not Apply To This Manual .....
- Adjustable Belt Take-Ups.....
- Bottom Fan Housing
- Does Not Apply To This Manual .....
- Rocker Assembly View.....
- Does Not Apply To This Manual .....
- Bottom Shoe Assembly.....



## **[ CLEANING SYSTEM**

### **DESCRIPTION**

Brush Adjusters-Control Side /**Left Hand Side(Includes Parts Below)**

Brush Idler Plate Left Hand

Adjustments Handle with Spring

Shoulder Bolt for Brush Adjuster

Brush Adjusters - Idler Side /**Right Hand Side(Includes Parts Below)**

Brush Adjusting Plate Right Hand

Idler Arm Support

Shoulder Bolt for Brush Adjuster

Brush Adjusters-Control Side /**Right Hand Side(Includes Parts Below)**

Brush Idler Plate Right Hand

Adjustments Handle with Spring

Shoulder Bolt for Brush Adjuster

Brush Adjusters - Idler Side /**Left Hand Side (Includes Parts Below)**

Brush Adjusting Plate Left Hand

Idler Arm Support

Shoulder Bolt for Brush Adjuster

One Hole Plate with 1-5/8" Bore

Straight Jack Plate

Rope Sheave Assembly Complete (**Includes Below**)

3" Rope Sheave Only with Bushing

Rope Sheave Axle with Hardware

Rope Sheave Bracket Only

Brush Carrier Assembly 25" x 46"

**NOTE: INCLUDES ROLLERS & AXLES BUT NOT BRUSHES**

Brush Carrier Roller for 1-3/16" Shaft

Carrier Roller Axle with Hardware

49-1/2" Black Course Brushes

49-1/2" White Course Brushes(Used on Wire Screens Only)

Brush Carrier Shafts 1-3/16" x 64"

2 Piece Cable Clamps

Wirelon Plastic Coated Steel Cable (**In Feet**)

**INES A 18" WIDE BRUSH CARRIER AND 1" SHAFT  
ARRIER AND**

# ASSEMBLY

## DESCRIPTION

Fan Shaft 1-1/2" X 79" (**Includes Keys**)

3/8" X 5" Keys

6715 Halfmoon Bridgetree Housing with Bearing

Bearing **Insert Only** for Above

**ad Items 72 & 62 must be substituted**

1-1/2" Pillow Block Bearing

Bridgetree Mounting Angle for Bearing

12" Diameter 1-1/2" Bore Stationary Disc

12" Diameter 1-1/2" Bore Spring End Disc

10-5/8" Heavy Duty Spring

Hand Nut for 1-1/2" Shaft

ATF 34 Variable Air Regulator Belt( 2-7/8" x 108")

Bottom Fan Assembly Complete( **includes 60,63 & Bolts**)

Wooden Fan Blades 55-5/8" Long

Spider Fan Arms 1-1/2" Bore

## **C SHAFT ASSEMBLY UNTER WEIGHTS)**

### **DESCRIPTION**

Eccentric Shaft 1-1/2" X 78-1/2" (**Includes Keys**)  
6714 Halfmoon Flange Bearing  
1-1/2" Bearing **Insert Only** for Below  
6714 Flange Bearing Conversion Kit  
1-1/2" Pillow Block Bearing  
7475 1-1/2" Halfmoon Bearing Complete w/Bearing  
1-1/2" Halfmoon Bearing **Insert Only** for Above  
12" Diameter 1-1/2" Bore Stationary Disc  
12" Diameter 1-1/2" Bore Thrust End Disc  
1-1/2" Adjusting Nut (**Includes Zerk with Plug #24**)  
B-34 Thrust Bearing  
Counterweight Ends  
Counterweight 16-1/2"  
1-1/2" Throw Eccentric Assembly Complete (**Includes Below**)  
Bearing Insert for Eccentric Assembly  
1-1/2" Bore 1/2" Throw Eccentric Hub  
Eccentric Housing for Assembly

Pitman Left Side 24" Long  
Pitman Right Side 24" Long

## **E ASSEMBLY**

### **DESCRIPTION**

Bottom Shoe Complete with **Rockers** / ( **OLD # F030061--**)

Right Shoe Side

Left Shoe Side

Pitman Board 3/4" x 7-1/2" x 57-1/8"

Front Hanger with Block on Both Sides

Shoeside Hanger Support Block

Back Shoe Hanger with Block

Wood Sand Spout Track (**Cut to Length**)

Metal Sand Spout Guide

Sand Spout Left Hand Machines (**Give Measurements**)

Sand Spout Right Hand Machines (**Give Measurements**)

Straw Spout Left Hand Machines (**Give Measurements**)

Straw Spout Right Hand Machines (**Give Measurements**)

Pinion Gear with 3/4" Bore

4" Long Rack

Escutcheon Plate

Tilting Rod 3/4" X 48-1/2"

3/4" Hex Nut

Canvas Apron Assembly

Top Rocker Assembly Complete (**Parts for Rocker Below**)

Right Hand Wooden Rocker Arm Only

Left Hand Wooden Rocker Arm Only

60" Metal Screenway Liner

60" Metal Rubber Holding Strip

Rubber Seal 2-1/2" Wide

Screen Stop

Screen Hook Assembly

Bottom Rocker Brace

Top Pipe Girt Support

Grain Stop Assembly with Rubber

Rocker Adjusting Girt

Rocker Pivot Cup

## SEMBLY CONTINUED

### DESCRIPTION

Bottom Rocker Assembly Complete **(Parts for Rocker Below)**  
Right Hand Wooden Rocker Arm Only  
Left Hand Wooden Rocker Arm Only  
60" Metal Screenway Liner  
60" Metal Rubber Holding Strip  
Rubber Seal 2-1/2" Wide  
Screen Stop (New Style)  
Screen Hook Assembly  
Bottom Rocker Brace  
Top Pipe Girt Support  
Grain Stop Assembly with Rubber  
Rocker Adjusting Girt  
Rocker Pivot Cup  
Apron Assembly

**3 the Screens are Inserted Into the Machine.**  
**7 Standing at the Front and Facing the Machine.**  
**1 Discharge Towards Your Right Hand.**

Single Belt Idler Assembly Complete 5-1/2" **(Includes Below)**  
Idler Pivot Lever  
5-1/2" Belt Take Up Shaft  
1" Cast Iron Pillow Block  
Idler Sheave with Bushing  
Belt Tightner Axle with Hardware