

Hi-Cap Series

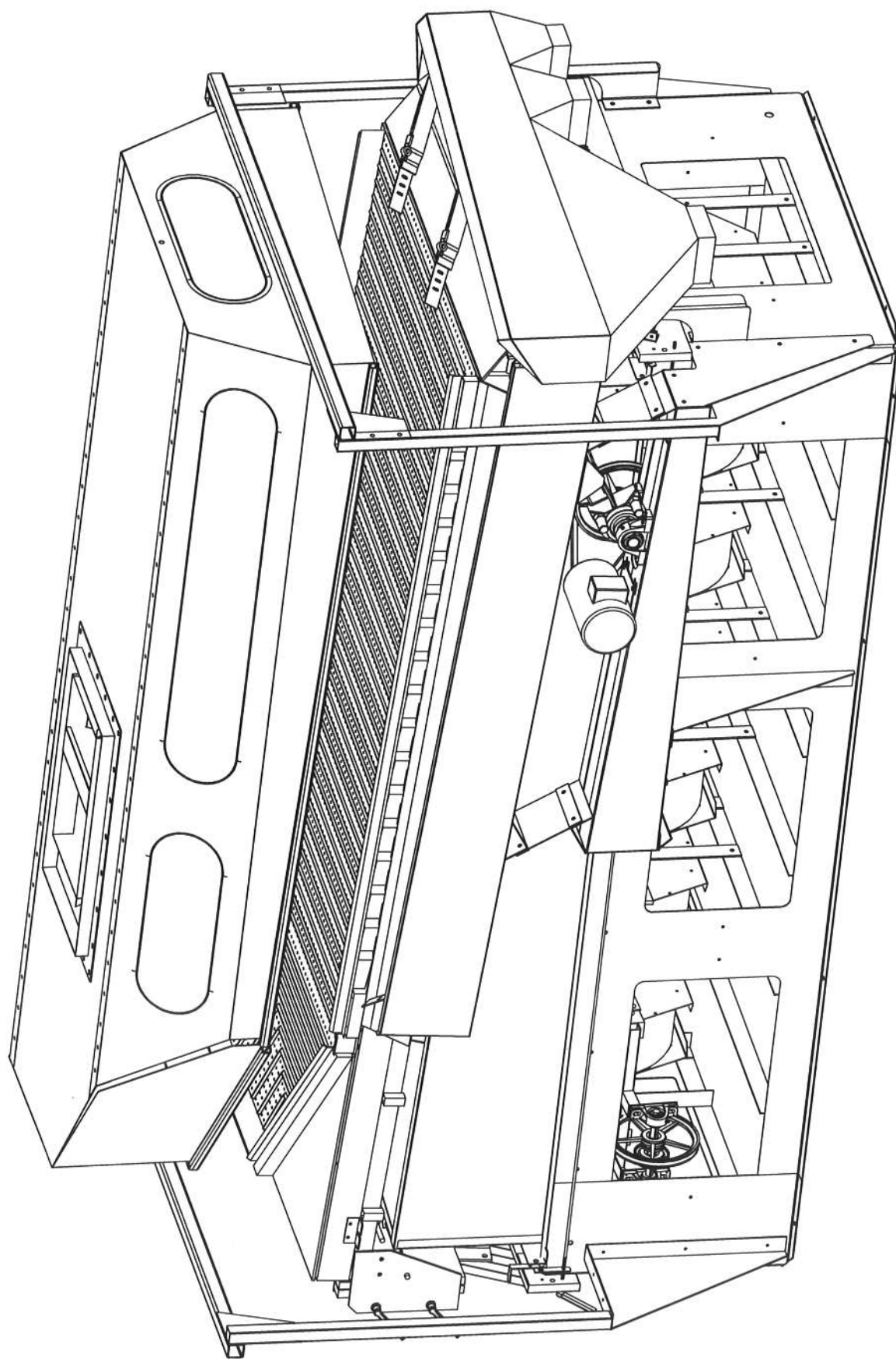
Gravity Separator

- **Parts List – Model 240 LHM**



Main Office
17777 US Hwy 50
Rocky Ford, CO USA 81067

Production Unit
271515 Harris Road
La Junta, CO USA 81050



MODEL 240 LH GRAVITY SEPARATOR
(INCLUDING MASTER)

PLEASE READ THIS BEFORE ORDERING PARTS

Oliver Manufacturing maintains a complete file on all its machines by both Order Number and Customer Name. When you order parts we need the following information.

1. Your Name
2. Company Name
3. Shipping Address
4. Billing Address
5. Phone Number
6. Machine Model Number
7. Machine Order Number
8. Left Hand or Right Hand Model
9. Purchase Order Number
10. Parts Required
 - A. Drawing Number
 - B. Item Number
 - C. Part Number
 - D. Description
 - E. Quantity

Having the above information ready when you call will help to insure that we ship the right parts to you as quickly and efficiently as possible.

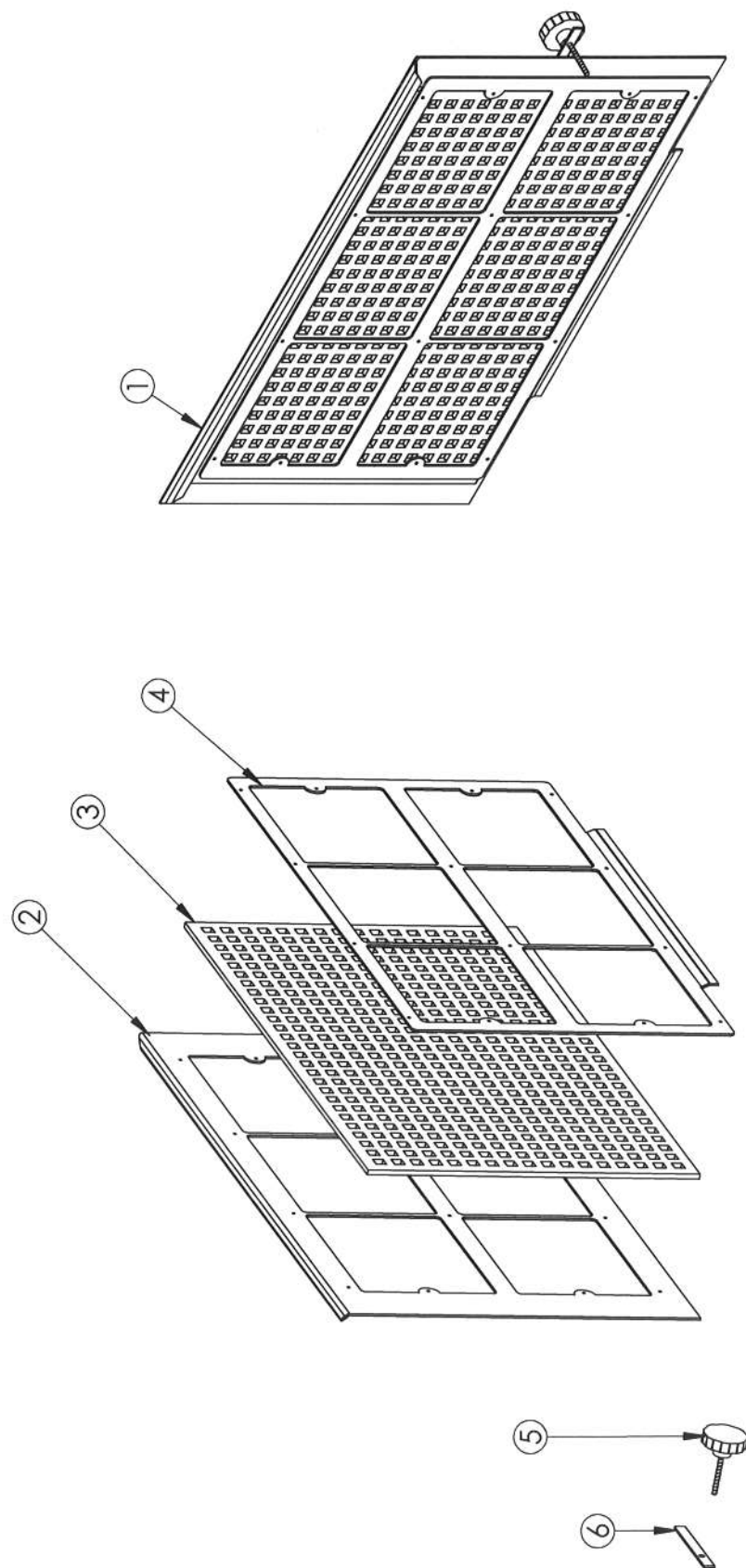
Determine if you have a left hand or right hand of your machine:

- On left hand models, the good product is discharged from the left side of the deck as you face the discharge end of the machine.
- On right hand models, the good product is discharged from the right side of the deck as you face the discharge end of the machine.

Shipping takes place as soon as possible after the order for parts has been received. The fastest, most inexpensive method will be used unless otherwise specified. Incomplete or incorrect information for orders may cause unavoidable shipping delays and errors. If you have a special problem or cannot locate some of the required information, please contact us. We will work with you to provide what you need as quickly and as inexpensively as possible. For your convenience you can use the following Parts Order Form. Our mailing address is:

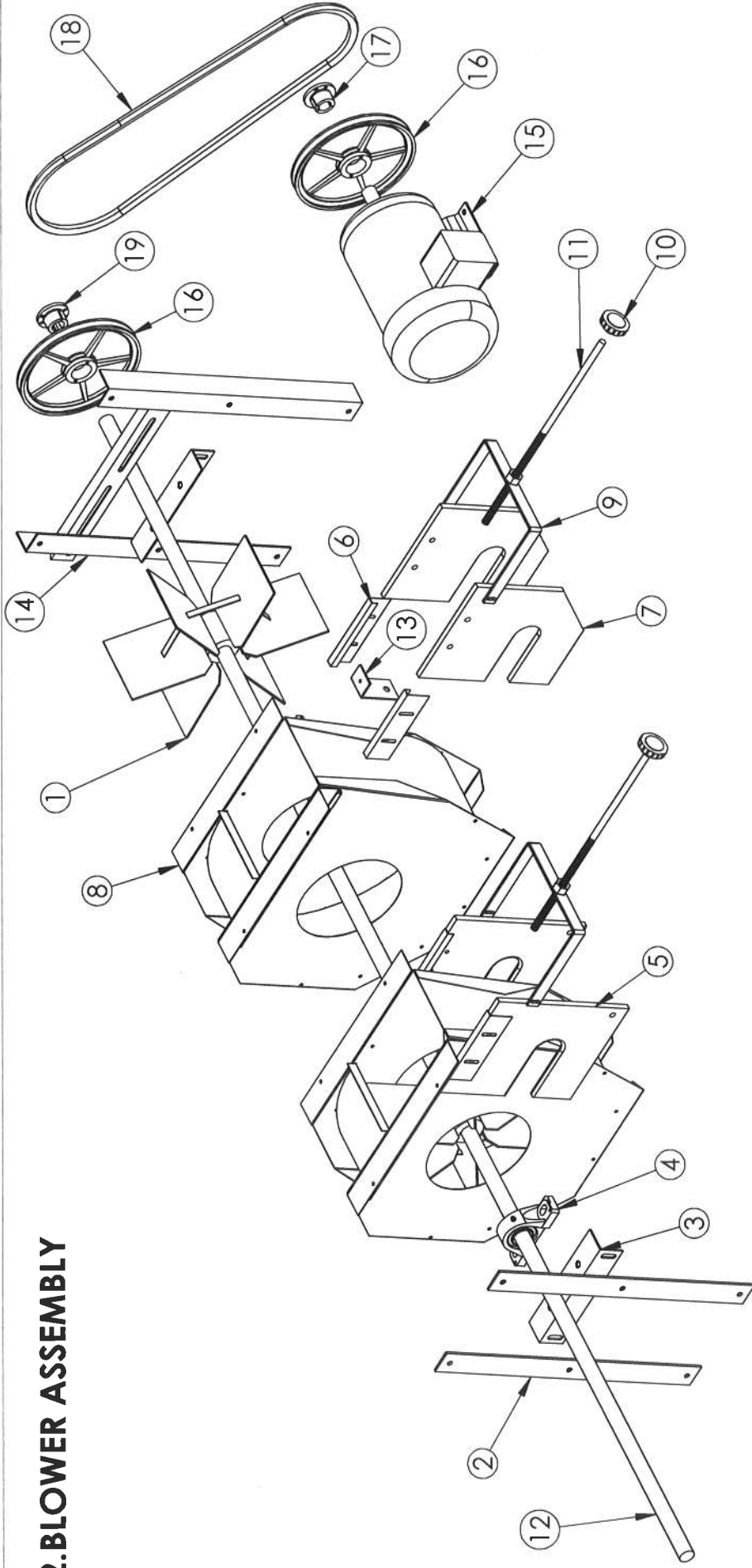
Oliver Manufacturing Co, Inc.
P.O. Box 512
Rocky Ford, CO 81067
Phone Number: (719) 254-7813
Fax Number (719) 254-6371

1.FLUSH FILTER ASSEMBLY



REF.NO.	PART NO.	DESCRIPTION	QTY.
1	HAF200	HI-CAP FLUSH FILTER COMPLETE - A	8
2	HAF201	HICAP FLUSH FILTER FRONT PANEL - A	8
3	HAF225	HICAP FILTER SCREEN 25 X15 SS(FF)	8
4	HAF202	HICAP FLUSH FILTER INSIDE FRAME - A	8
5	AAAAF1011000	FLUSH FILTER CLAMP	16
6	ZFA350	KNOB	16

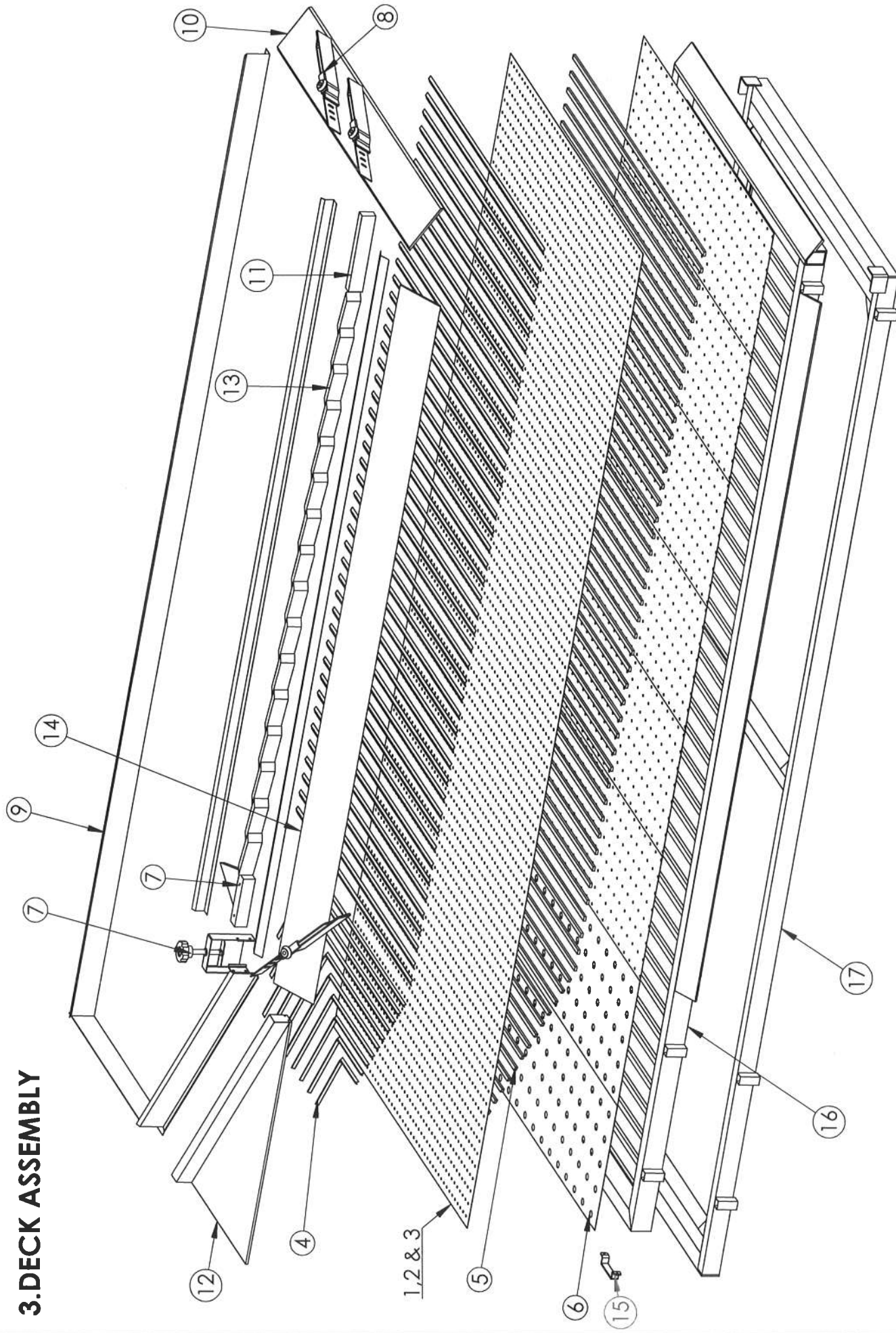
2.BLOWER ASSEMBLY



REF.NO.	PART NO.	DESCRIPTION	QTY.
1	HBF100	BLOWER WHEEL	7
2	HBF300	FAN BEARING SUPPORT STRAP	12
3	HBF295	FAN BEARING SUPPORT ANGLE	8
4	ZBG118	PILLOW BLOCK BEARING	8
5	HBF510	AIRGATE	12
6	HBF529	AIRGATE SLIDES	14
8	HBF200	DRUM GRAVITY	7
9	HBF512	AIR GATE YOKE	7
10	ZDK002	KNOB	7
11	ABF311	240 & 316 SHORT AIR GATE ACME ROD	7

REF.NO.	PART NO.	DESCRIPTION	QTY.
12	ABF100	BLOWER SHAFT	1
13	HBF519	SHORT AIR GATE ROD STOP	7
14	HBF301	FAN BEARING SUP.ANGLE MOTOR END	4
15	ZMT151	15HP 230/460/3/60 254T TEFC E-MOTOR	1
16	ZBK841	3TB80 SHEAVE (Q1 BUSHING REQD)	2
17	ZBK883	Q1 BUSHING 1 5/8"	1
18	ZBK260	B60 BELT	3
19	ZBK887	Q1 BUSHING 1 3/16"	1
31	ABF 531	DRYER AIRGATE MOTOR END	2

3.DECK ASSEMBLY

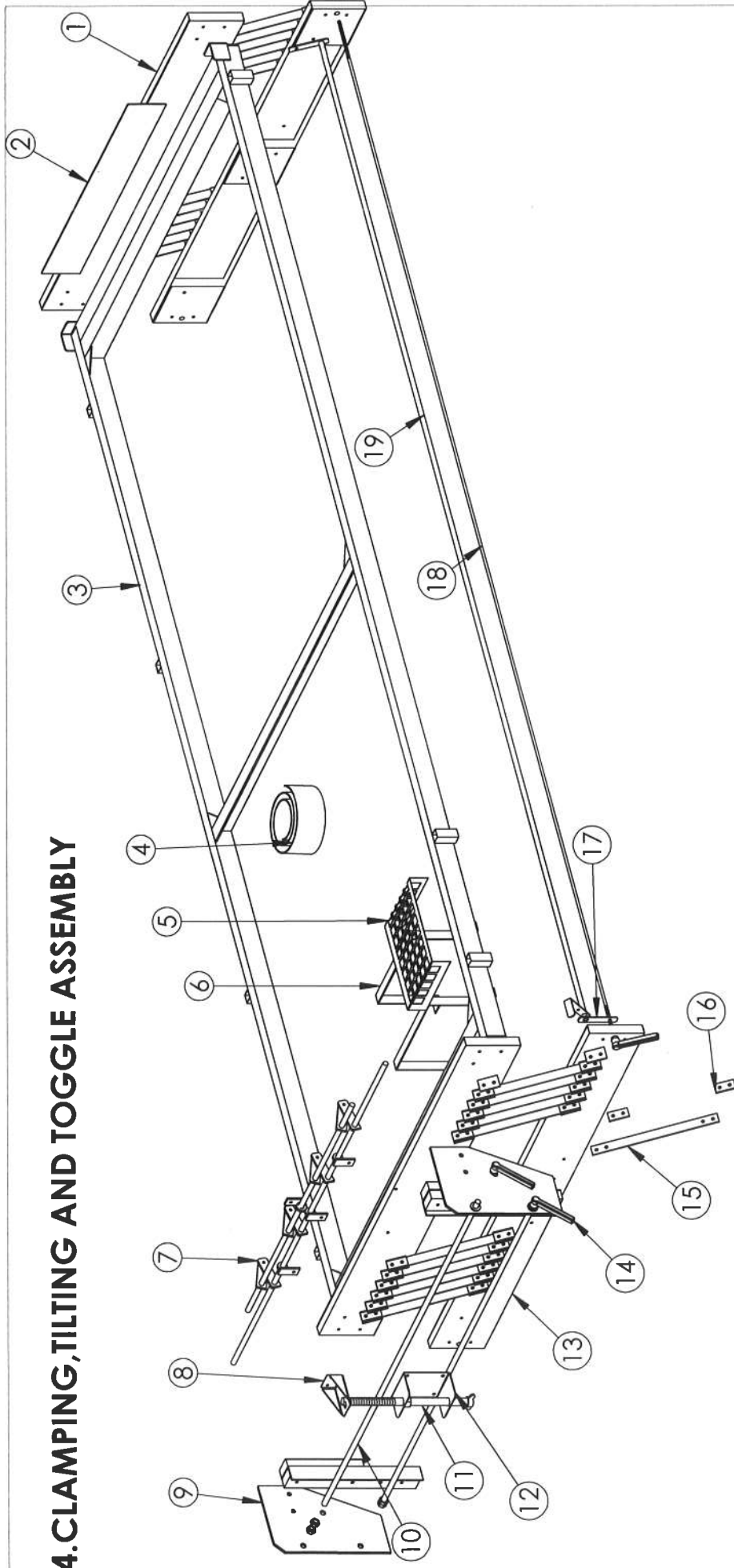


3.DECK ASSEMBLY - PARTS LIST

REF. NO.	PART NO	DESCRIPTION	QTY.
1	ADK108	8MESH COATED OVERCOVER	1
2	ADK109	10 MESH SCREEN OVERCOVER	2
3	ADK110	10 MESH COATED SCREEN OVERCOVER	1
4	ADK379	240 LH STAINLESS RIFFLE SET METAL DECK	1
	BDK378	240 RH STAINLESS RIFFLE SET METAL DECK	1
5	PDK240	2400 DECK PARTING STRIP - 1/2Inch	38
	PDK242	2400 DECK PARTING STRIP - 1 3/4Inch	1
6	HDK006	ROCK TRAP	1
7	HDK005	SPRING ASSIST ROCK TRAP GATE ASS	1
8	HDK154	3" SS CUTTING FINGER	3
9	ADK303	DECK RAIL SET FOR LH DECK	1
	ADK304	DECK RAIL SET FOR RH DECK	1
10	ADK155	DISCHARGE APRON SET(WOOD OPTIONAL)	1
11	ADK820	END BLOCK	1
12	ADK821	CUT OFF BOARD	1
13	HDK009	DECK GATES HDPE	16
14	ADK167	#240 6 X 84" APRON (POLYETHYLENE)	1
15	ZDK001	DECK GRAB HANDLE	3

REF. NO.	PART NO	DESCRIPTION	QTY.
16	ADK492	240 ALUMINUM DECK FRAME LH	1
	ADK493	240 ALUMINUM DECK FRAME RH	1
17	ADK491	240 DECK CARRIAGE LH (AL)	1
	ADK490	240 DECK CARRIAGE RH (AL)	1
II - 16 MESH SCREEN FOR CEREAL GRAINS - WHEAT AND OATS			
18	ADK115	16 MESH SCREEN O/C FOR CEREAL GRAINS	1
19	ADK102	TWO MESH FRICTION SCREEN-NOT SHOWN	1
III - 30 MESH B DECK FOR SMALL SEEDS - CLOVER,ALFALFA			
20	ADK130	30 MESH SCREEN O/C FOR SMALL SEED	1
21	ADK833	SET OF PARTING STRIPS USED WITH ADK130	1
22	ADK841	UNDER COVER SET USED WITH ADK130	1
23	ADK013	WOOD DISCHARGE GATE FOR LH DECK	16
24	ADK014	WOOD DISCHARGE GATE FOR RH DECK	16
IV - LINEN DECK FOR FINE SEED			
25	ADK135	LINEN O/C FOR EXTREMELY FINE SEED	1
26	ADK842	CLOTH SUPPORT WIRE USED WITH ADK135	1
27	ADK015	DIS. GATE FOR FINE SEED FOR LH DECK	16
28	ADK016	DIS. GATE FOR FINE SEED FOR RH DECK	16

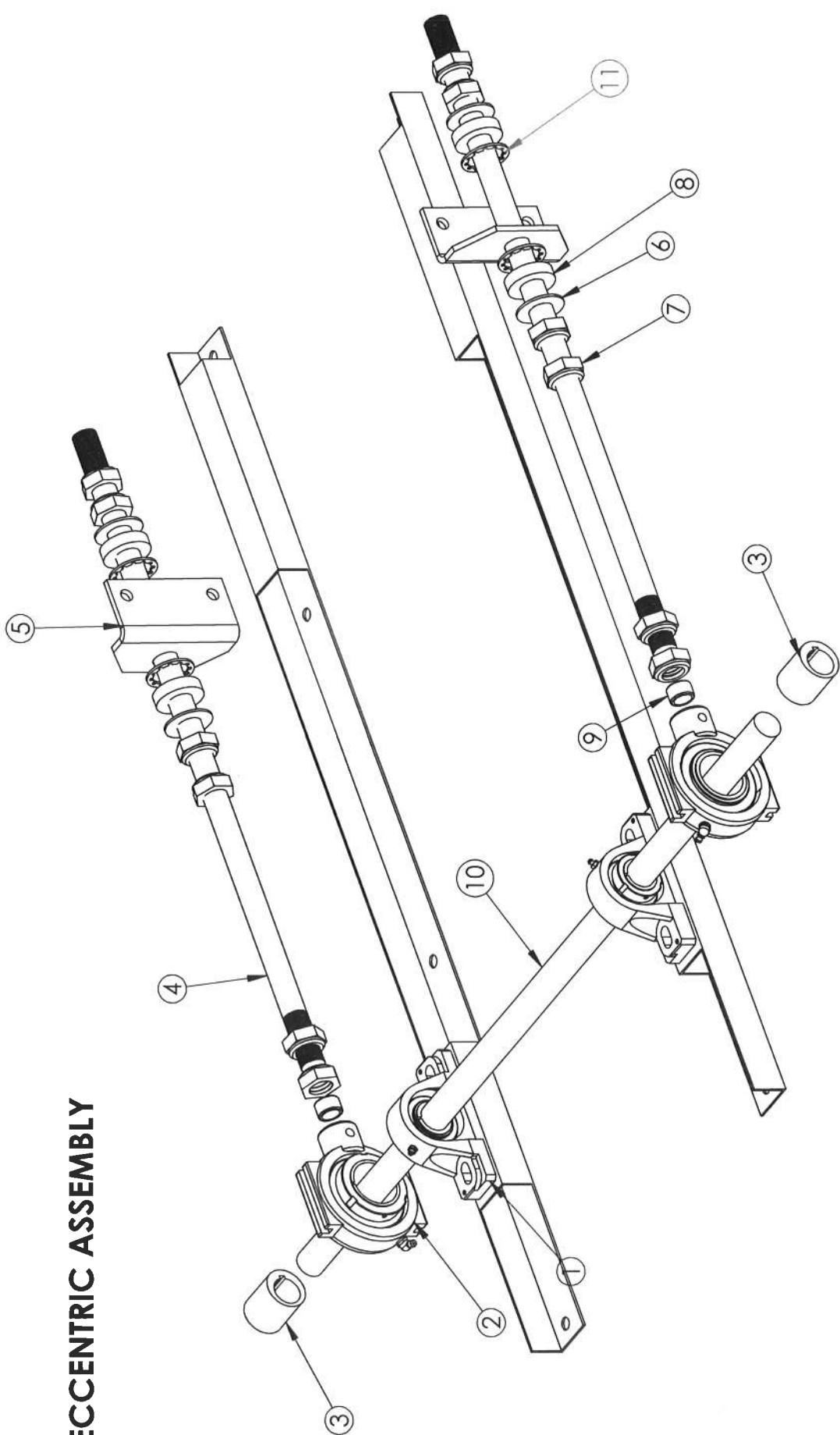
4.CLAMPING,TILTING AND TOGGLE ASSEMBLY



REF.NO	PART NO.	DESCRIPTION	QTY
1	ASB811	240 LH DISCHARGE END SPRING BOARD	1
2	ASB215	240,160 & 316 MACHINE PLATE HINGE	1
3	ADK501	DECK CARRIAGE	1
4	AAC300	240 NRV A/C BOOT	1
5	HBF025	AIR BAFFLE 15 1-2 DIVIDERS ONLY	7
6	HBF013	BAFFLE SUPPORT LEG	2
7	ASB020	240 STABILIZER HINGE	4
8	HSB803	JACKSCREW BRACKET TOP	1
9	HDK800	HI CAP CLAMPING PLATE	2
10	ASB810	240 & 316 WIDTH CLAMP ROD 50"	2

REF.NO	PART NO.	DESCRIPTION	QTY
11	ASB804	240 JACKSCREW	1
12	HSB813	JACKSCREW PLATE	1
13	ASB809	240 LH FEED END SPRING BOARD	1
14	ZDK002	ADJUSTABLE CLAMPING HANDLE	4
15	HSB504	TOGGLE SPRING	24
16	ZSB505	LEAF SPRING KEEP	48
17	HSB075	TILT LINK	1
18	ASB012	TILT CONTROL ROD RH	1
	ASB013	TILT CONTROL ROD LH	1
19	ASB014	240 LENGTH CLAMP ROD (SINGLE PIECE)	1

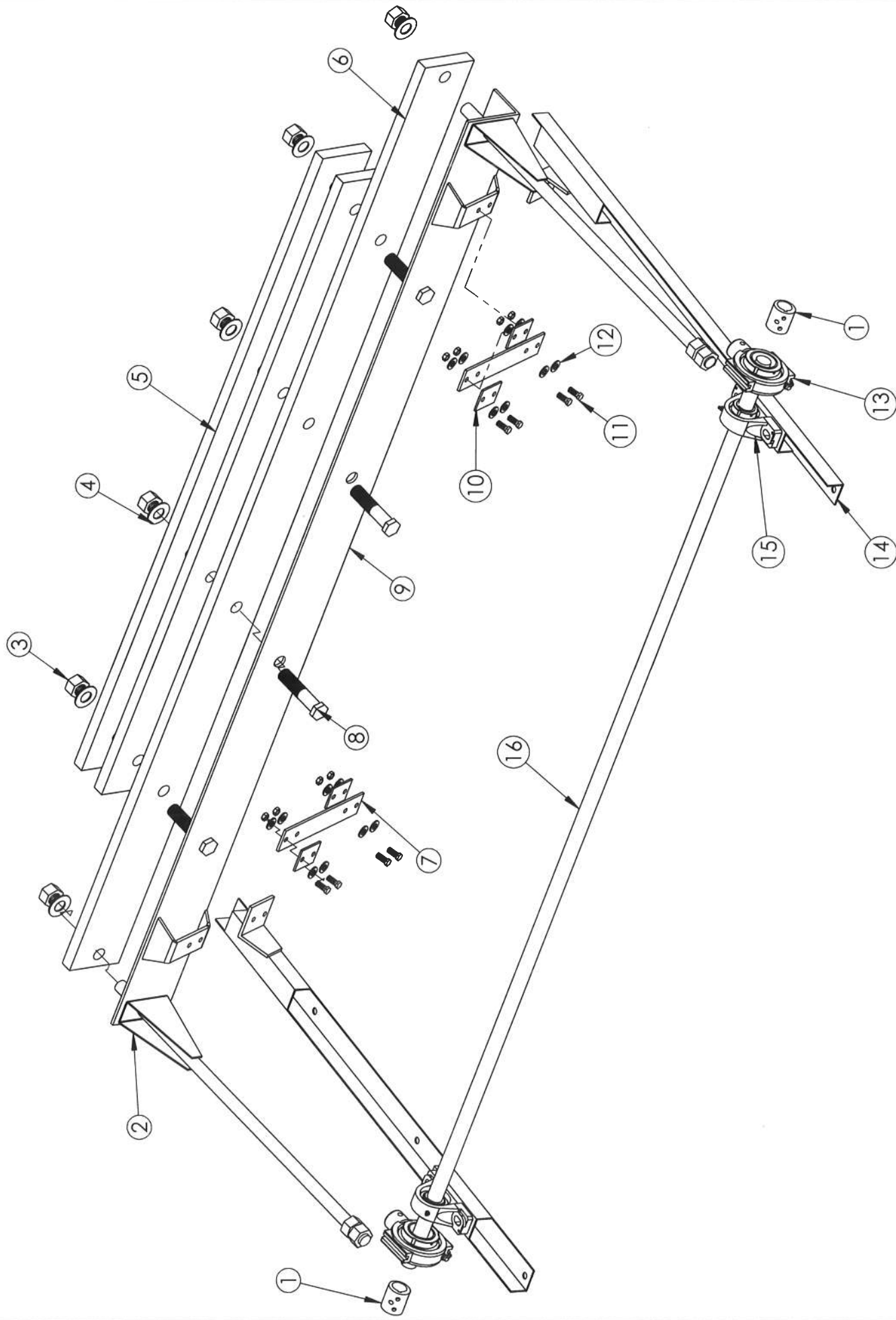
5. ECCENTRIC ASSEMBLY



REF.NO.	PART NO	DESCRIPTION	QTY
1	ZBG118	PILLOW BEARING	6
2	ZBG230	1 15/16" TAKE UP UNIT BRG	2
3	UEC510	M/C STONER HEART 1/8" TH	2
4	BEC202	ECC.CONNECTING ROD	2
5	HEC113	ECC.BEARING BRACKET	2

REF.NO	PART NO	DESCRIPTION	QTY
6	ZWA934	METAL WASHER	4
7	ZNT971	JAM NUT	12
8	ZEC007	RUBBER WASHER	4
9	HEC401	H/C ECC BUSHING	2
10	AEC350	ECCENTRIC SHAFT	1
11	ZWA935	SHAKE PROOF WASHER	4

6. COUNTER WEIGHT ASSEMBLY (RETROFIT)



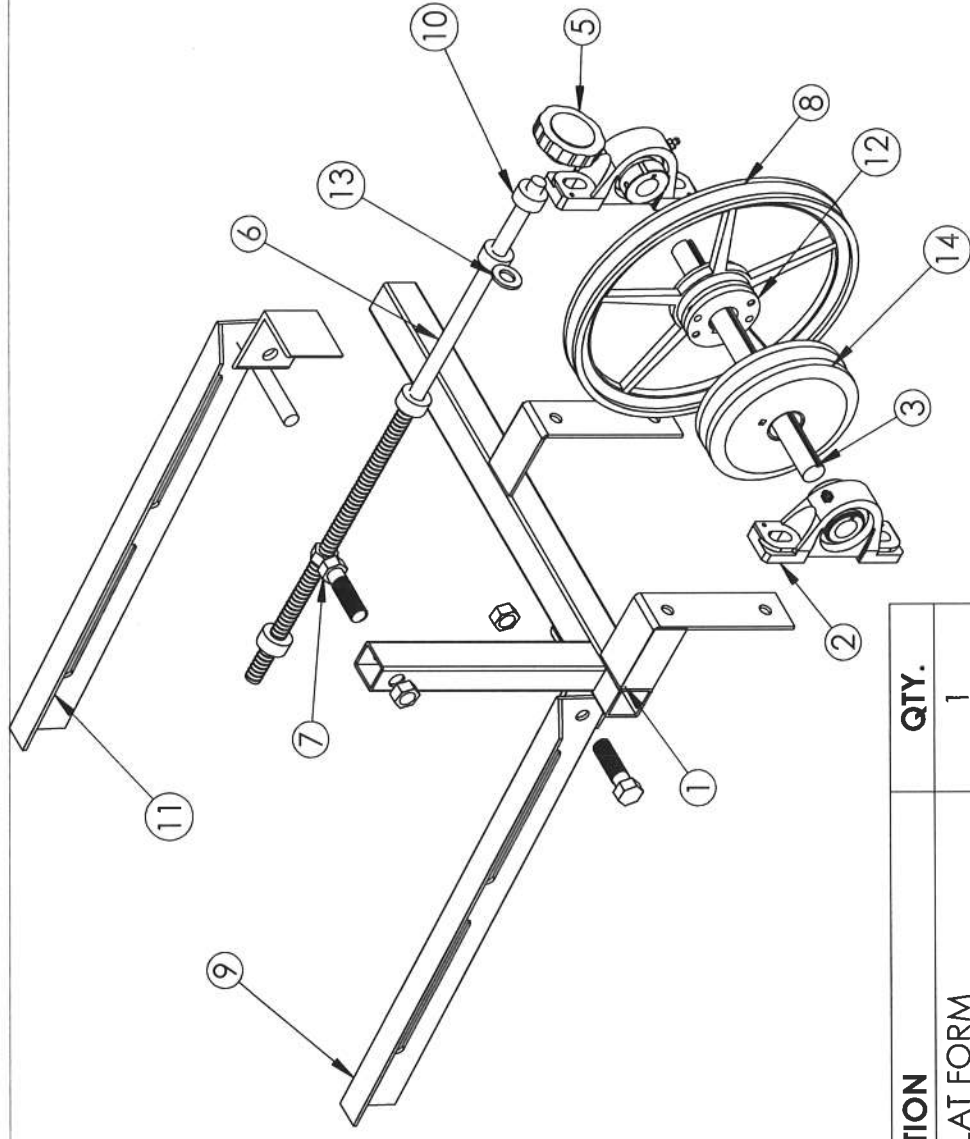
6.COUNTER WEIGHT ASSEMBLY(RETROFIT)

REF.NO	PART NO	DESCRIPTION	QTY
1	UEC510	ECCENTRIC HEART	2
2	AEC320	C/W DRIVE ROD COMPLETE	2
3	ZNT510	1" NYLOC	4
4	ZWA950	1" FLAT WASHER	6
5	AEC301	C/W PLATE 60"	2
6	AEC303	C/W PLATE FULL LENGTH	1
7	ZFG125	SCOTCHPLY TOGGLE - 2x10 1/2"	2
8	ZBT595	1 X 5 HEX CAP SCREW	4
9	AEC300	240 C/W ANGLE COMPLETE	1
10	SSB101	SCOTCHPLY BACK PLATE - 2 X 2 1/2"	1
11	ZNT941	3/8" HEAVY HEX NUT	8
12	ZWA957	3/8" LOCK WASHER	16
13	ZBG230	1 15/16" TAKE UP BEARING UNIT	2
14	AEC330	C/W BEARING SUPPORT ANGLE	6
15	ZBG118	1 3/16" PILLOW BLOCK BEARING (LOK)	6
16	AEC350	C/W ECC.SHAFT	1

7. DRIVE ASSEMBLY(VARISPEED).

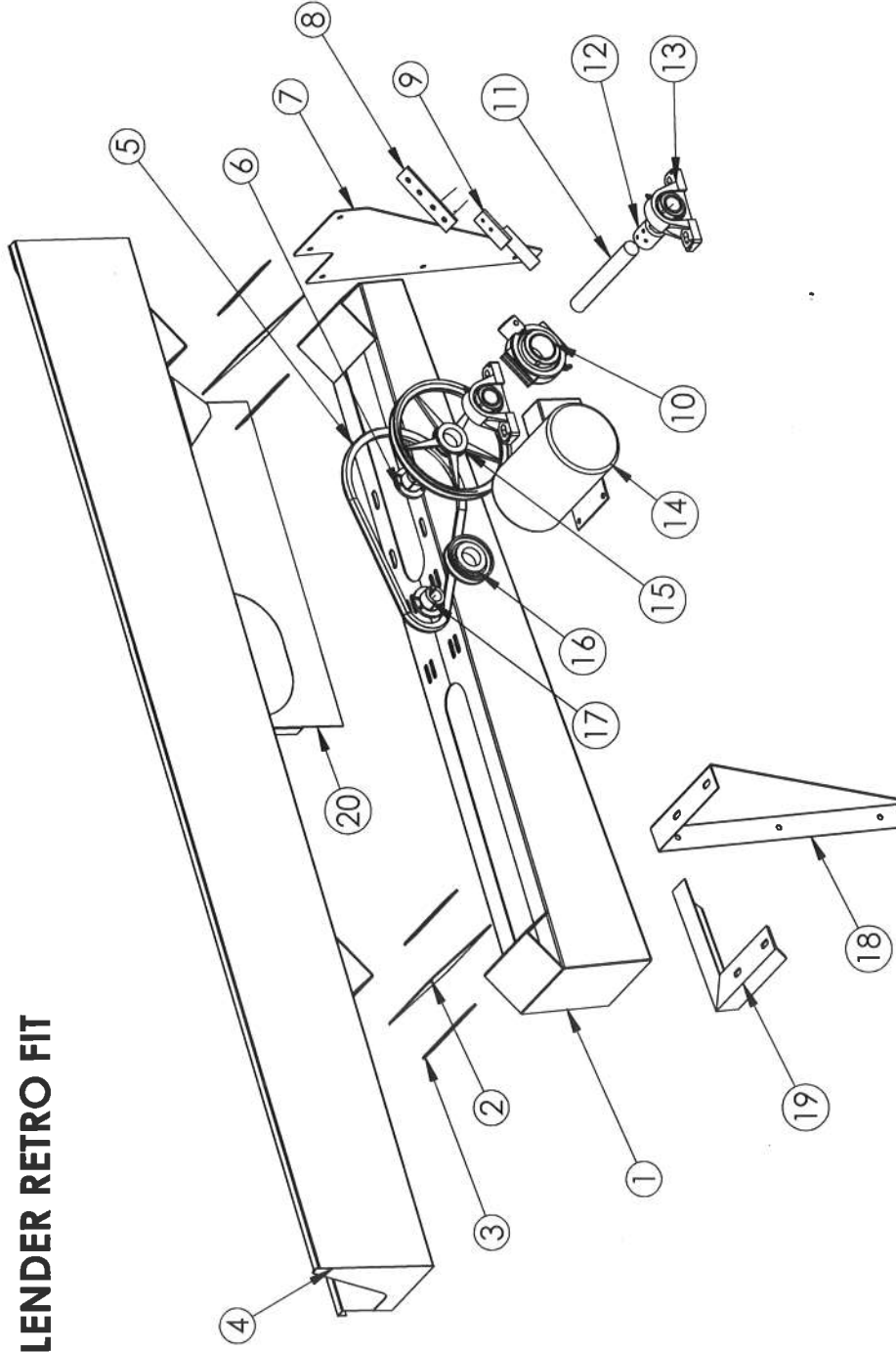
MODEL	MOTOR SHEAVE(MS)	FAN SHEAVE(FS)	VARISPEED DRIVE(VSP)
60 CYCLE W/OLD PART NUMBER			
240 A	ZBK841 (3TB80)	ZBK841 (3TB80)	ZBK805(BK36H)
240 B	ZBK842(3TB70)	ZBK841 (3TB80)	ZBK804(BK45H)
50 CYCLE W/OLD PART NUMBER			
240 A	ZBK841 (3TB80)	ZBK842(3TB70)	ZBK805(BK36H)
240 B	ZBK841 (3TB80)	ZBK841 (3TB80)	ZBK804(BK45H)

8.VARISPEED ASSEMBLY



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	HVS113	VARI SPEED PLAT FORM	1
2	ZBG075	3/4" PILLOW BLOCK BEARING LOK	2
3	HVS511	VARIABLE SPEED SHAFT	1
5	ZBF003	SPEED CONTROL KNOB	1
6	AVS401	SPEED CONTROL ROD ACME THRD	1
7	HVS500	EYEBOLT, ACME THREAD	
8	ZBK801	BK80H SHEAVE	1
9	HVS531	LEFT MOUNTING ANGLE	1
10	ZNT775	1/2" COLLAR	4
11	AVS112	RIGHT MOUNTING ANGLE 240 ONLY	1
12	ZBK368	3/4" H BUSHING	1
13	ZWA305	PLASTIC WASHER	2
14	ZVS205	VARI SPEED PULLEY	1

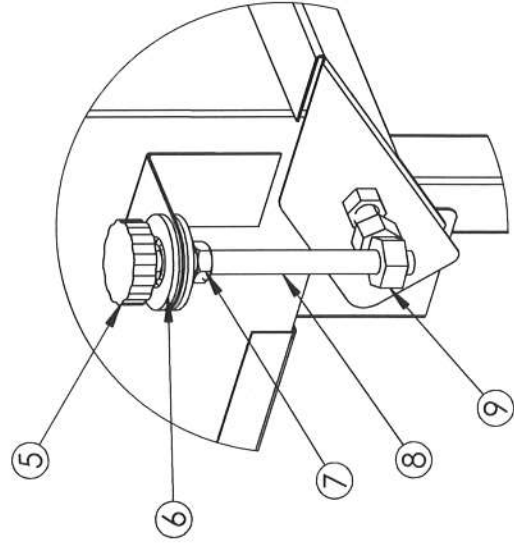
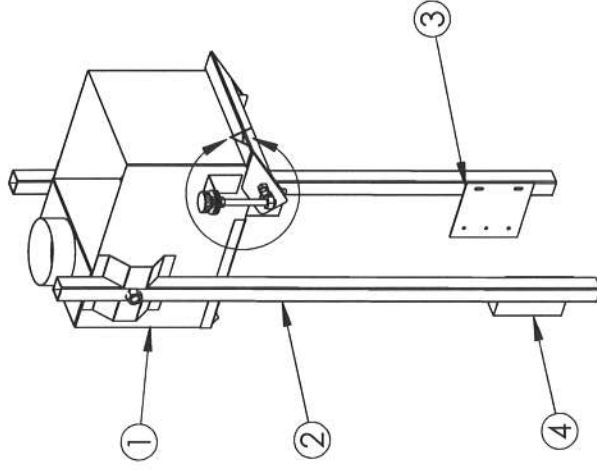
9.POWER BLENDER RETRO FIT



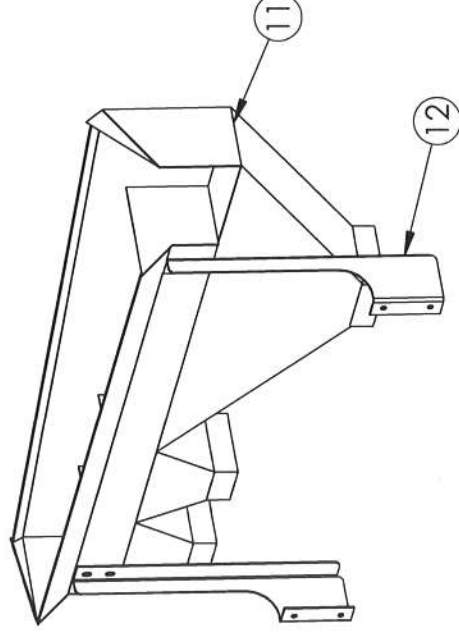
REF.NO.	PART NO.	DESCRIPTION	QTY.
1	BBP098	240PB BASE	1
2	ZFG148	SCOTHPLY - 7" x 8" x 0.130"	2
3	HBP660	H/C SC PWR BLENDER SCOTCHPLY BACK PLATE 7"	4
4	ABP601	240 PB TROUGH LH	1
	ABP602	240 PB TROUGH RH	1
5	ZBK238	B38 BELT	1
6	ZBK374	1 3/16" H BUSHING	1
7	HBH303	GUSSET BRACE	1
8	ZFG130	SCOTCHPLY 2 " X 5 1/2"	
9	HEC402	BLENDER ECC PUSH ROD	1
10	ZBG230	1 15/16" TAKE UP UNIT BRG	1

REF.NO	PART NO.	DESCRIPTION	QTY.
11	HBP040	PB ECC SHAFT 9" LONG	1
12	UEC500	M/C STONER ECC HEART (1/8" TH) COMPLETE	1
13	ZBG118	1 3/16" PILLOW BLOCK BEARING LOK	2
14	ZMT009	MOTOR	1
15	ZBK810	BK 100 H SHEAVE (H BUSHING RQD)	1
16	ZBK805	BK36H SHEAVE(H BUSHING)	1
17	ZBK370	H BUSHING 7/8"	1
18	HBH307	MIDDLE GUSSET BRACE	1
19	HBP220	FEED END BASE BRACE	1
20	HBP499	BLENDER SAFE GUARD	1

10.ASPIRATOR FEEDER

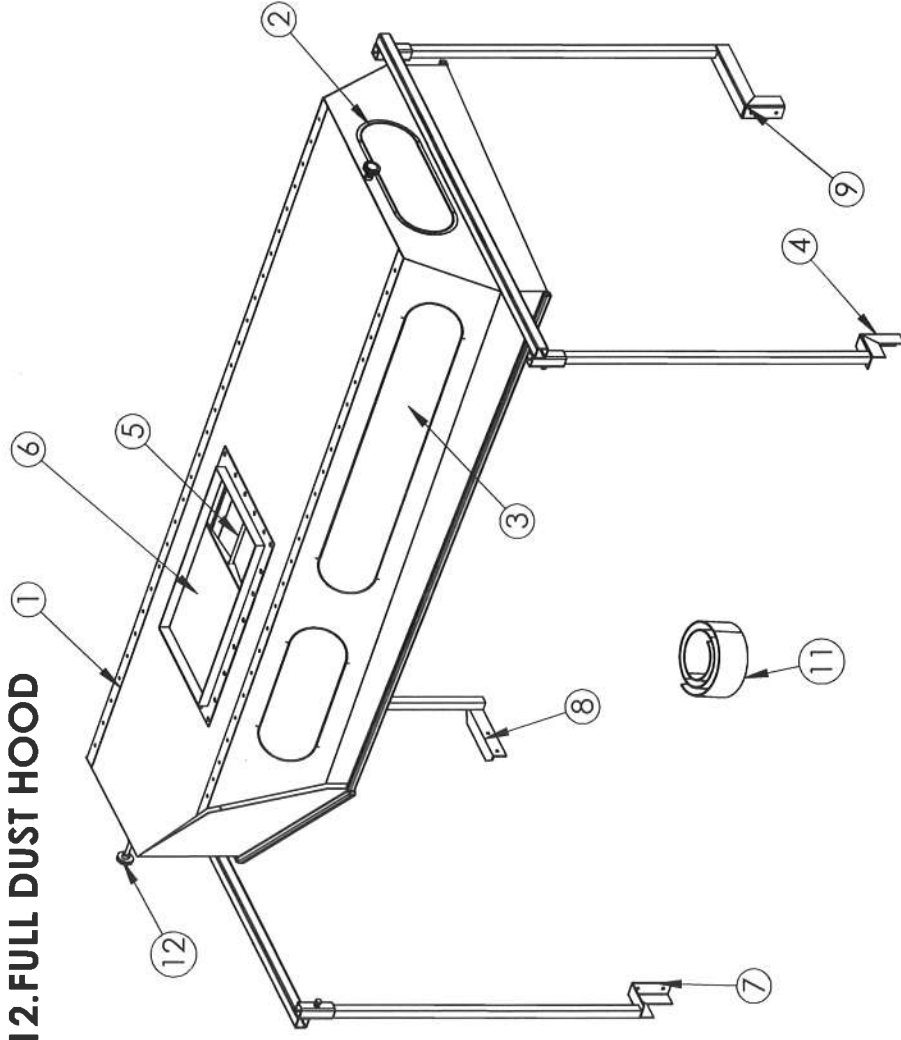


11. DISCHARGE HOPPER



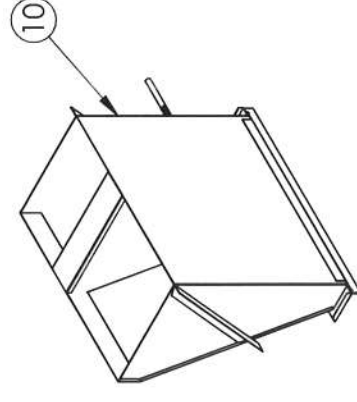
REF.NO.	PART NO	DESCRIPTION	QTY.
ASP.FEEDER			
1	HFA113	ASP.FEEDER HOPPER	1
2	HAF590	FEEDER POST 48"	2
3	HFA600	HICAP FEEDER POST MOUNT BKT-FLAT	1
4	HFA601	HICAP FEEDER POST MOUNT BRK	1
5	ZDK202	CLAMPING KNOB	1
6	ZDK917	RUBBER WASHER	2
7	ZBT431	3/8Inch X 1Inch HEX CAP SCREW	3
8	HFA116	1/2 X 6 1/2" ROD	1
9	HFA501	SQ HEAD STD EYE BOLT	1
DISCHARGE HOPPER			
11	ACD050	240 LH DISCHARGE HOPPER SET (SQ OUTLET)	1
	ACD051	240 RH DISCHARGE HOPPER SET (SQ OUTLET)	1

12. FULL DUST HOOD



REF.NO.	PART NO.	DESCRIPTION	QTY.
1	ADH055	240 LH DUST HOOD	1
2	ZDH201	WINDOW RUBBER LOCK	5
3	ZDH200	WINDOW RUBBER WEATHER STRIP	5
4	HDH057	11" DH POST LH	1
5	ADH057	240 DH AIR GATE ROD 1/2 X 122"	1
6	ADH912	240 DH AIR GATE	1
7	HDH059	10 1/4" DH POST LH	1

13. DUST HOOD FEEDER



REF.NO.	PART NO.	DESCRIPTION	QTY.
8	HDH055	8" DH POST PART LH	1
	HDH058	8" DH POST PART RH	1
9	HDH053	17" DH POST LH	1
	HDH060	17" DH POST RH	1
10	HDH015	HI CAP DUST HOOD FEEDER LH	1
11	ADH310	240 NRV/DUAL LOCK DH BOOT(FULL)	1
12	ZBF003	PLASTIC KNOB WITH RECIPROCAL HANDLE	2