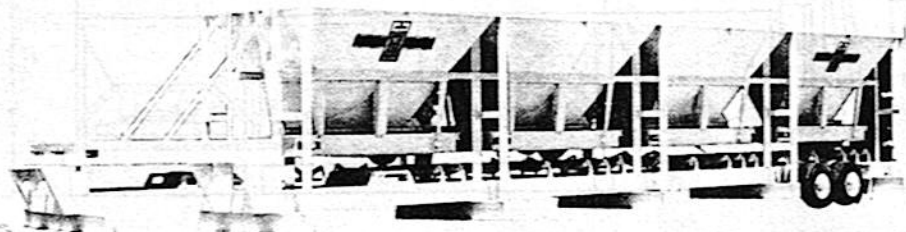


Model 25 Ton Cold Feed Bin



Features

- High TPH capacity
- Compatible with drum mix or batch plants
- Folding gathering conveyor for easy installation
- Portable or stationary
- Single or multiple bin configuration

Specifications

Bin

8' (2.44M) x 13' (3.96M) top opening.
Side sheets are steep angle with tapered feed opening for free material flow.

Belt Feeders

24" (.61M) x 8'-6" (2.59M) with shear rack and pinion gates for required flow settings.
Electrical tell-tale switch provides the operator a

light indicator if a feeder is not providing material flow.

Equipped with 3 HP variable speed drives with TEFC 460v/3ph/60Hz motors. 300 TPH maximum feeder capacity.

Individual and total material flow settings controlled at operator's station by remote control.

10:1 speed variations...head pulley minimum-3.4 RPM, maximum-34 RPM. Includes sprockets, lagged head pulley, belting (4-ply rating), idler rollers, take-up assemblies, drive guards and manually adjusted gate opening.

Gathering Conveyor

30" (76cm) wide with adjustable discharge so that units can be set above grade and can accommodate a scalping

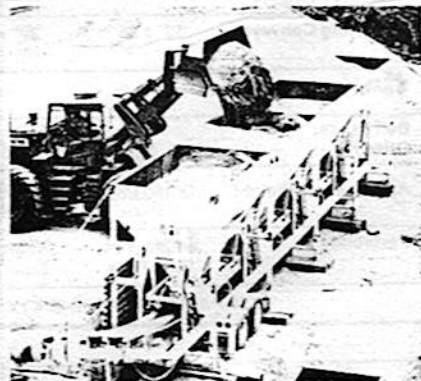
screen prior to the incline conveyor.
OPD 460v/3ph/60Hz motor with shaft mounted reducer and lagged head pulley.
Self-cleaning tail pulley.
4-ply rated belting.
20° idler rollers and take-up assemblies.

Portable Units

Equipped with 10:00 x 15" (38.1cm) tires; mudflaps; kingpin; airbrakes; brake, turn and running lights.

Electrical Switch Gear

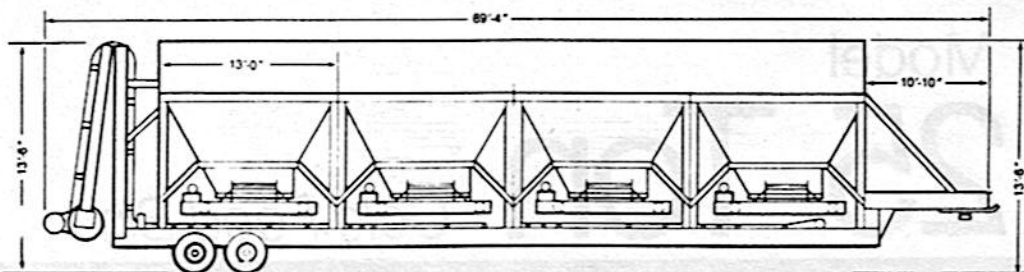
Starters, breakers, and rubber covered type-wiring (460v/3ph/60Hz).



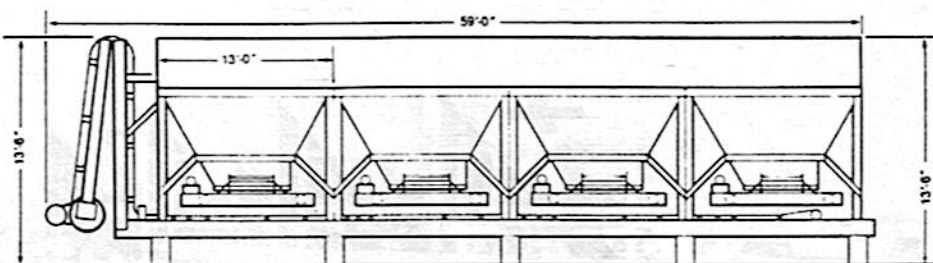
Options

- Add-on-bin
Stationary one-compartment bin for adding to 8' (2.44M) x 13' (3.96M) top opening style bins only. Complete with legs and gathering conveyor extension.
Approximate weight...6,150 Lbs. (2,789.64 Kg).

Portable Model



Moisture Meter
 Probe mounted in bin,
 meter indicator at
 operator station in
 control house.
 Electric vibrator
 Tachometer Automatic
 Cold Feed System
 Shows TPH from each
 feeder with display at
 control station.
 Belt Scale
 Load cells weigh material
 from each feeder with
 display at control station.



Stationary Model

All information contained herein is general in nature and is not intended for specific application purposes. CMI reserves the right to make changes in specifications shown herein or add improvements at any time without notice or obligation. Illustrations show standard and optional items.

Portable Feeder Bin Selection Chart

MODEL NO.	PF-225	PF-325	PF-425
No. of Compartments	2	3	4
Approximate Struck Capacity*	50 tons	75 tons	100 tons
Gathering Conveyor	30" x 36' (76M x 10.97M)	30" x 49' (76M x 14.94M)	30" x 69' (76M x 21.03M)
Conveyor Drive HP	10	10	15
Belt Feeder Drive HP	3	3	3
Approximate Weight	18,150 Lbs. (8,232.84kg)	23,450 Lbs. (10,636.92kg)	28,750 Lbs. (13,041.00kg)
Portability	Single Axle Dual Tires	Single Axle Dual Tires	Dual Axle Dual Tires
*CAPACITIES BASED ON 110 LB./CU. FT. MATERIAL			

Stationary Feeder Bin Selection Chart

MODEL NO.	SF-225	SF-325	SF-425	SF-525
No. of Compartments	2	3	4	5
Approximate Struck Capacity*	50 tons	75 tons	100 tons	125 tons
Gathering Conveyor	30" x 36' (76M x 10.97M)	30" x 49' (76M x 14.94M)	30" x 69' (76M x 21.03M)	30" x 82' (76M x 25.00M)
Conveyor Drive HP	10	10	15	15
Belt Feeder Drive HP	3	3	3	3
Approximate Weight	15,850 Lbs. (7,189.56kg)	21,150 Lbs. (9,593.64kg)	26,450 Lbs. (11,997.72kg)	32,600 Lbs. (14,787.30kg)
*CAPACITIES BASED ON 110 LB./CU. FT. MATERIAL				



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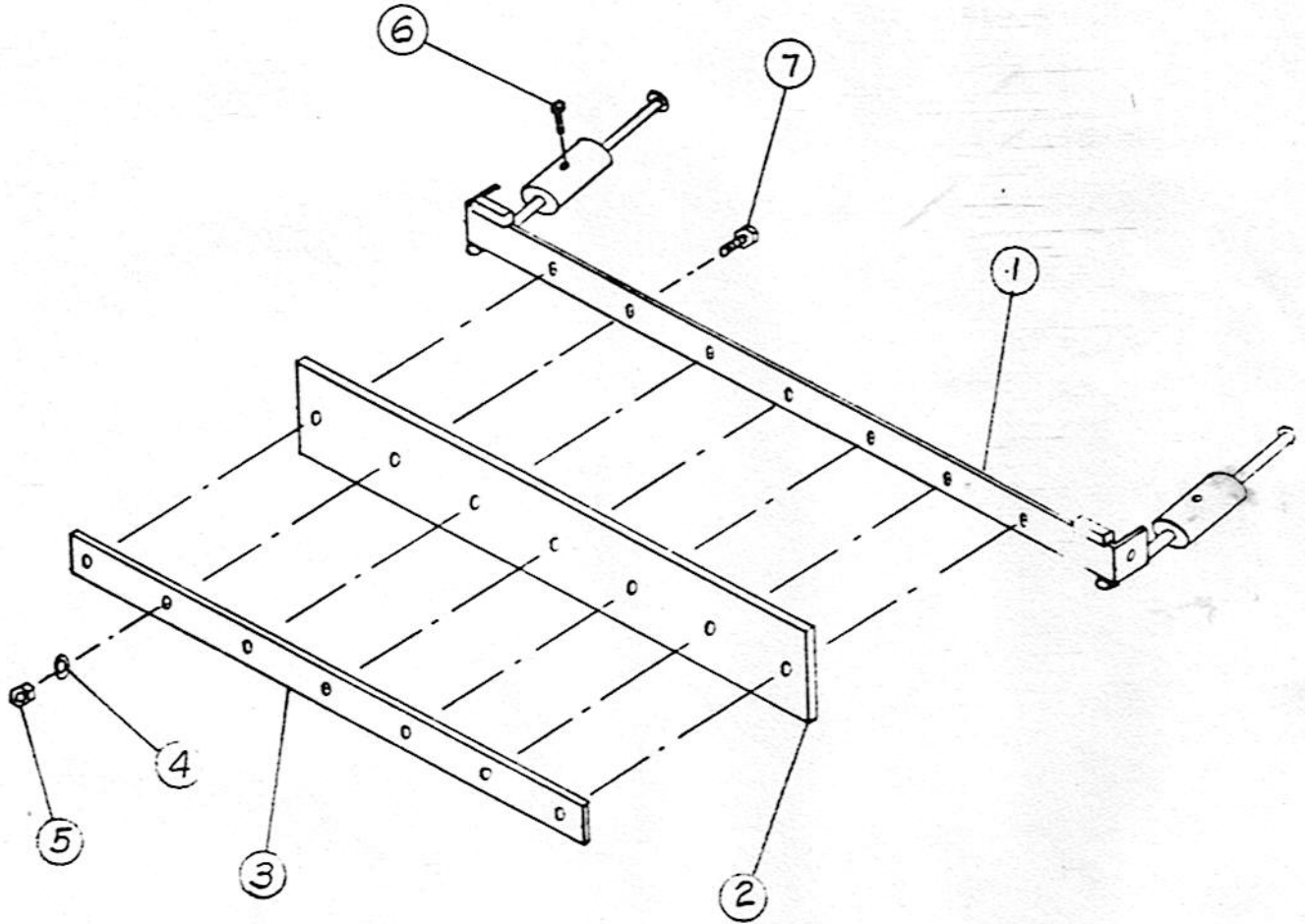
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 (405) 787-6020 / Telex: 74-7172

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DWG. A1-36

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



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DWG. NO. A1-36-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1012605	Scraper <i>Las Maesa</i>		
1.	01010-1012607	Scraper, Counter Weighted	1	
2.	02080-1010782	Scraper, Belt	1	
3.	02100-1010782	Retainer, Bar	1	
4.	000-A00308-000	Washer, Lock 1/2"	7	
5.	000-A00260-000	Nut, 1/2" Hex	7	
6.	000-A00447-000	Screw, Set 1/4" x 1"	2	
7.	000-A00102-000	Bolt, 1/2" -13 x 1 1/4"	7	

CMI CORPORATION



DWG. NO. Bl-26-24

P.O. Box 1923 Oklahoma City, Oklahoma 73101 (405) 787-8000 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	03020-1012225	Collecting Conveyor Head Assembly		
1.	01010-1012392	Frame, Head Section	1	
	02010-1012392	Frame, Conveyor Extension	1	
2.	307-008040-000	Lagged Head Pulley	1	
3.	316-000310-000	Motor, Electric 15 HP, 1800 RPM, 254 Frame, 60 Hz, 3 ph., 460 Volt For 380V, 50Hz, 3ph, 1500 RPM.	1	
4.	308-017126-100	Reducer, Morse 215D15	1	
5.	05090-1012228	Head Shaft	1	
6.	11010-1012227	Sheave Guard	1	
7.	303-016050-000	Bearing, 2-7/16" Browning #FB-220	2	
8.	307-007010-000	Idler Assembly, 30" 1402	6	
9.	307-007020-000	Idler, Return, Assembly 30", 1410	4	
10.	05120-1012228	Rod, Hinge	1	
11.	303-006080-010	Collar, Set, 1" Dia.	2	
12.	308-018556-000	Mount, Motor, Morse 215 M	1	
13.	308-018456-000	Bushing, Morse 215 B 207	1	
14.	308-023902-100	<i>BREA ACO MASH</i> Sheave, 3 Groove 3V69 Type QD	1	
15.	308-006900-180	Bushing, SDS, 1 5/8" Bore	1	
16.	308-023902-120	Sheave, 3 Groove 3V8.0 Type QD	1	
17.	308-006910-230	Bushing SK, 1 15/16" Bore	1	
18.	02080-1010782	Belt, Scraper	1	
19.	01010-1012607	Holder	1	
20.	02100-1010782	Retaining Strap	1	
21.	308-020600-390	V-Belts, 3V750 (matched)	3	

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DWG. NO. B1-27-10

REV.

P.O. Box 1885 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
1.	02012-1012225 02010-1012565 08010-1012227	Belt Feeder Assembly, Power Unit, 3 HP Lower Bin Section	1	
2.	316-009030-000	Reeves Varispeed 3 HP	1	
3.	308-037861-000	Drive Sprocket 10 Tooth, 1 3/4" Bore	1	
4.	308-028070-750	Roller Chain 120 ASA, 62 Pitches	1	
5.	308-038920-030	Head Sprocket 42 Tooth, 2 3/16" Bore	1	
6.	04010-1010982	Drive Guard	1	
7.	02040-1010823	Head Shaft, 2 3/16" Dia	1	
8.	303-016080-000	Bearing, Flange, F3U-235H	2	
9.	307-003080-000	Head Pulley, 12" x 26" lagged	1	
10.	307-000010-060	Conveyor Belt, 24"	19.5'	
11.	307-007070-000	Idler Rollers #1470, 24"	13	
12.	307-008120-000	Tail Pulley, 12 x 26 Self Cleaning	1	
13.	303-016110-000	Take-Up Bearing, T3U-231H	2	
14.	02030-1010823	Take-Up Screw	2	
	303-006120-000	Set Collar, 3/4"	2	
15.	07130-1012227	Frame End Channel	1	
16.	02010-1010823	Tail Shaft, 1 15/16" Dia.	1	
17.	05140-1012228	Feed Gate	1	
18.	01110-1011117	Vibrator Flow Switch	1	
19.	01120-1011117	Flow Switch Gate	1	
20.	004-000605-000	Rack & Gear Jack Assembly	1	
21.	01090-1011117	Hinge Rod	1	
22.	308-028160-000	Offset Link, ASA 120 Roller Chain ⁽⁴⁾	1	
23.	307-000030-270	Tape, Belt	1	
24.	307-000041-000	Belt Fastener E-1 (Box)	1	

CMI CORPORATION

DWG. NO. B1-28-8

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
1.	08012-1012225	Collecting Conveyor Assembly		
	307-007010-000	Troughing Idlers, 1402 HR 30"	17	
2.	307-007020-000	Return Idlers, 1410 HR 30"	6	
3.	303-018060-000	Take-Up Bearing LB #TDS 3-U231 H	2	
4.	02240-1010782	Tail Shaft	1	
5.	05130-1012228	Belt Pinning Rod	1	
6.	303-006110-000	1" Set Collar	2	
7.	307-008130-000	Tail Pulley	1	
8.	307-000030-270	Tape, Belt FL-7	5	Feet
9.	307-000041-000	Fastener, Belt 1-E (Box)	1	
10.	307-000030-020	Conveyor Belt, 30"	140	Feet
11.	308-006920-230	Bushing OD, SF 1 15/16"	2	

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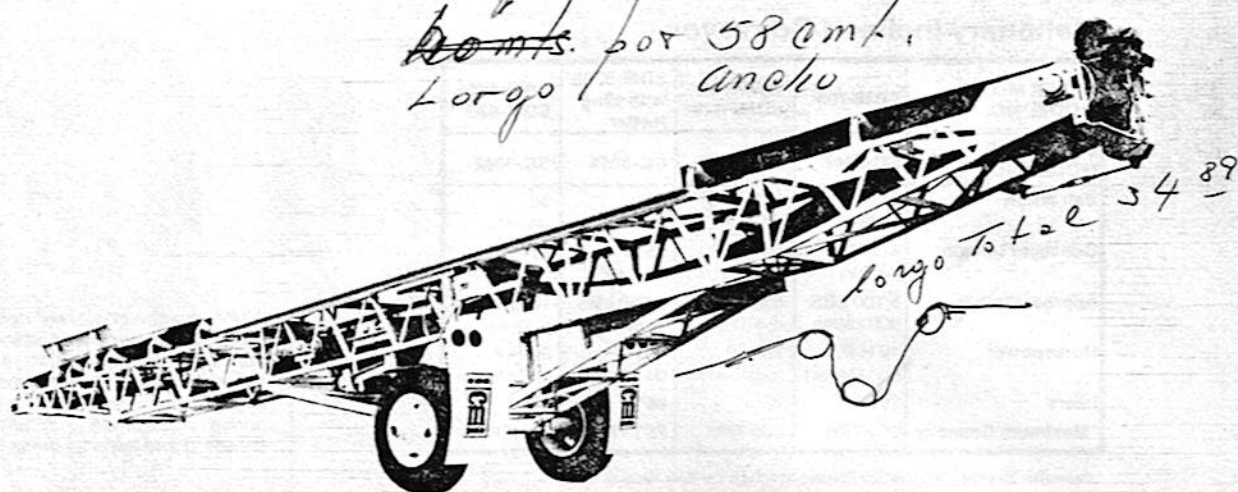
DWG. NO. BL-37-10

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	1012225	PF-425 Portable Feeder Bin (4 Compartment)		
1.	11011-1012225	25 Ton Bin Assembly	4	
2.	08012-1012227	Lower Hopper Section	4	
3.	02012-1012225	Belt Feeder Assembly	4	
4.	01012-1012227	Frame	1	
5.	01010-1012392	Collecting Conveyor Head	1	
6.	02010-1012392	Conveyor Extension	1	
7.	09010-1012227	Support Brace	1	
8.		Transport Assembly	1	
*	B02-001850-000	Axle, 71" Track	2	
*	B02-004250-000	Tires, 10.00 x 15 with Tubes and Flaps	8	
*	B02-004890-000	Wheel, 7.50 x 15 Budd Type	8	
*	B02-003020-000	Seat, Axle SD-1162	4	
*	01060-1012227	Support Beam	5	
		*Not Shown		

Stationary and Portable

Inclined Conveyor



Features

- O.D.P. 460v/3ph/60Hz motor with shaft mounted reducer, sheaves and v-belts
- Spring-loaded belt scraper
- 4-ply rated belting
- Lagged head pulley

- Self-cleaning tail pulley
- 20° or 35° idlers with single fitting lubrication
- Material receiving hopper for virgin or recycle material
- Stationary Inclined Conveyors...are of channel frame or truss construction and include frame supports
- Portable Inclined

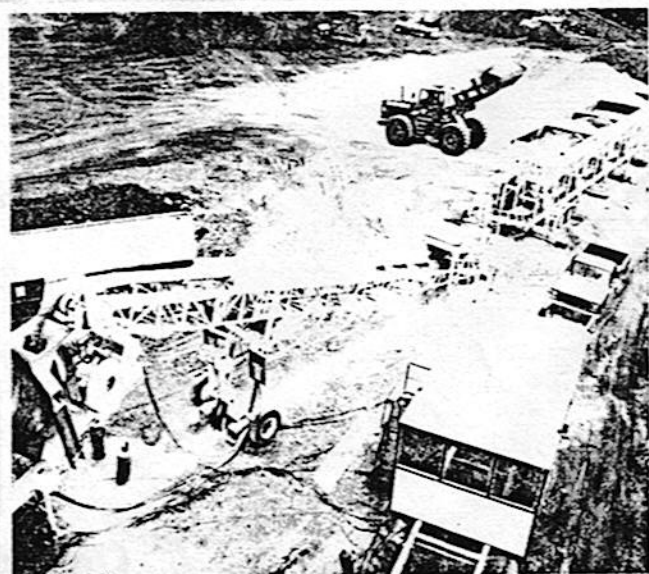
- Conveyors...are of truss construction and include running gear which consists of king pin attachments; single axle with 10:00 x 20" (50.8cm) tires; mudflaps; turn, stop and running lights
- Windguard for scale: for drum mix application
- Gravity takeup: for drum mix application

Specifications

Portable Inclined Conveyor

DRUM MIXER MODEL NO.	UDM-600 UDM-700	UDM-1200 PDM-732	UDM-1900 PDM-936
CONVEYOR MODEL NO.	PC-2447	PC-2455	PC-3062
Belt Width	24" (60.96cm)	24" (60.96cm)	30" (76.2cm)
Conveyor Length	47'-0" (14.33M)	55'-0" (16.76M)	62'-0" (18.9M)
Approx. Weight	5,100 LBS. (2,313.36Kg)	5,500 LBS. (2,494.80Kg)	6,700 LBS. (3,039.12Kg)
Horsepower	10 H.P. (10.14 Metric)	15 H.P. (15.21 Metric)	25 H.P. (25.35 Metric)
Idlers	20°	20°	35°
*Maximum Capacity	300 TPH	300 TPH	670 TPH

* Capacities based on 300 f/m belt speed and 100 Lb. Cu. Foot. material.

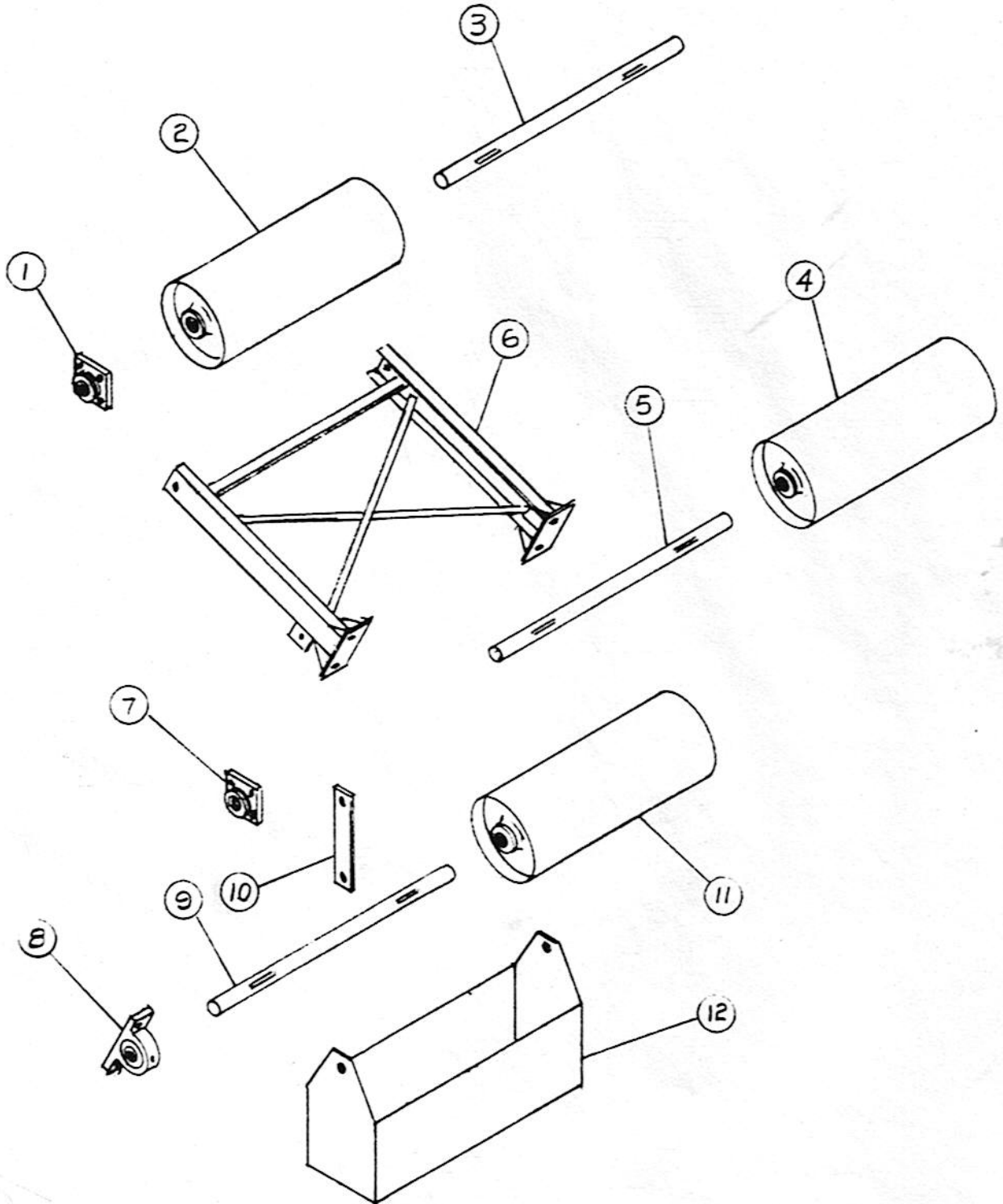


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DWG A1-33

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DWG. NO. A1-33-3

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

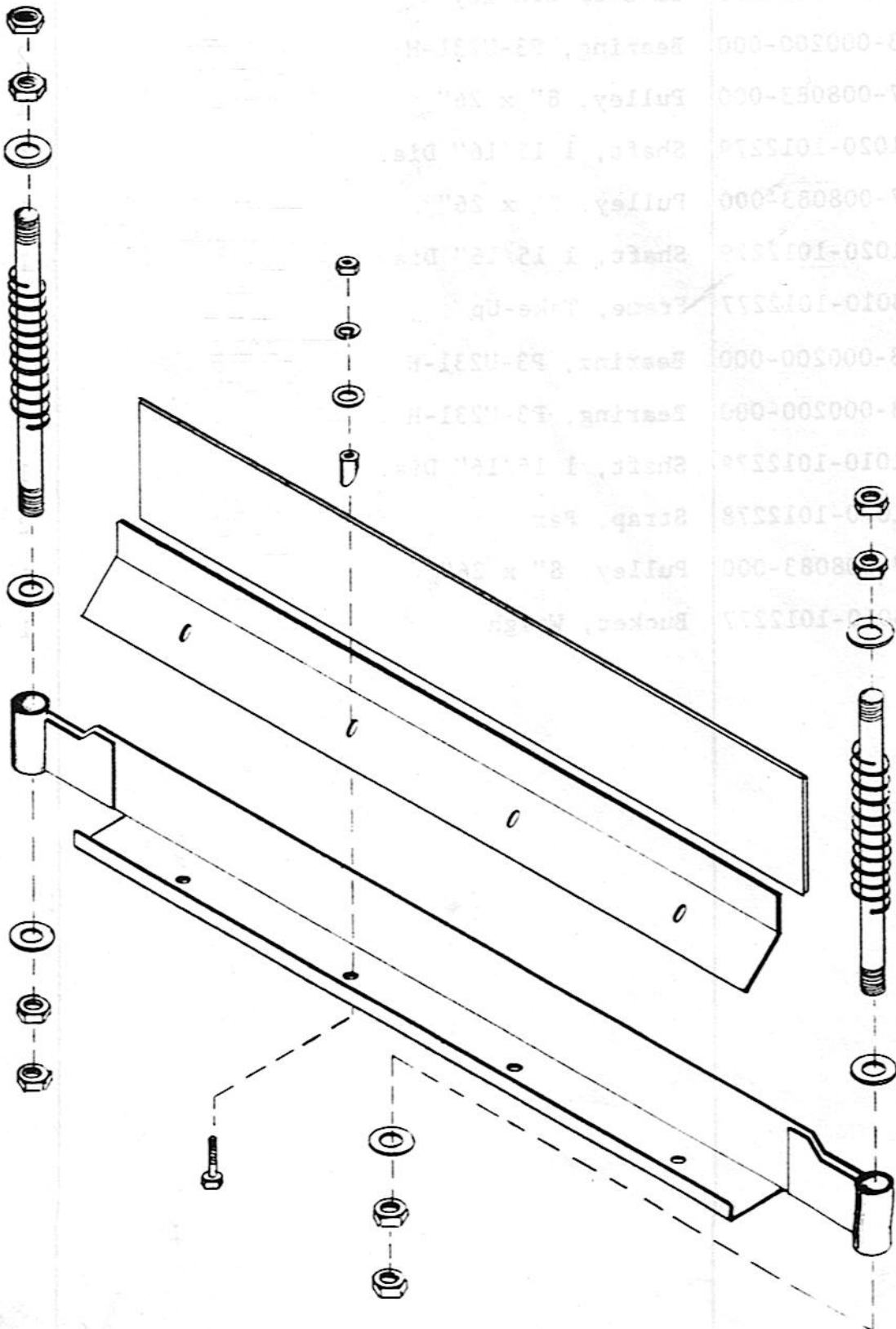
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	03010-1012275	Take-Up Gravity		
1.	303-000200-000	Bearing, P3-U231-H	2	
2.	307-008083-000	Pulley, 8" x 26"	1	
3.	01020-1012279	Shaft, 1 15/16" Dia.	1	
4.	307-008083-000	Pulley, 8" x 26"	1	
5.	01020-1012279	Shaft, 1 15/16" Dia.	1	
6.	03010-1012277	Frame, Take-Up	1	
7.	303-000200-000	Bearing, P3-U231-H	2	
8.	303-000200-000	Bearing, P3-U231-H	2	
9.	01010-1012279	Shaft, 1 15/16" Dia.	1	
10.	01070-1012278	Strap, Bar	2	
11.	307-008083-000	Pulley, 8" x 26"	1	
12.	05010-1012277	Bucket, Weigh	1	

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DWG. - A1-37

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION

DWG. NO. Al-37-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1012610	Belt Scraper (24")		
1.	01080-1012613	Scraper, Belt	1	
2.	000-A00256-000	Nut, Hex 1/4" -20	4	
3.	000-A00304-000	Washer, Lock 1/4"	4	
4.	000-A00292-000	Washer, Flat 1/4"	4	
5.	01070-1012613	Spacer, Bevel	4	
6.	000-A00275-000	Nut, Jam 3/4" -10	8	
7.	000-A00299-000	Washer, Flat 3/4"	6	
8.	01050-1012613	Screw, Spring 3/4" -10	2	
9.	002-008410-013	Spring	2	
10.	01010-1012612	Holder, Scraper	1	
11.	000-A00011-000	Bolt, 1/4" -20 x 2 1/4"	4	
12.	01060-1012613	Plate, Clamp	1	

CMI CORPORATION



DWG. NO. B1-33-19

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P.O. Box 1886 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 76-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01011-1012420	24" x 55' -0" Portable Conveyor		
	-1012420	Power Unit, 15 H.P.50 Hz.		
1.	307-008120-000	Self-Cleaning Tail Pulley, 12" x 26"	1	
2.	01020-1012284	Tail Shaft, 1 15/16" Dia.	1	
3.	307-007080-000	Return Idler, 24" 1410 H.R.	6	
4.	307-007060-000	Troughing Idlers, 24" 1402	16	
5.	303-000200-000	Bearing, P3-U231 H	2	
6.		Return Idler Hangers	12	
7.	-1012282	24" x 55' -0" Conveyor Frame, Truss Type	1	
8.	307-000010-060	24" Conveyor Belting	112.6	Feet
9.	308-017124-100	Reducer, Dodge TDT-515 2 15/16" Bore	1	
	308-018455-000	Bushing, TAD-5 2 11/16" Dia.	1	
10.	308-023902-100	Sheave, 3V3GR6.9 QD	1	
	308-006900-230	Bushing, SDS-1 15/16" Bore QD	1	
11.	308-023902-020	Sheave, 3V3GR5.3 QD	1	
	308-006900-140	Bushing, SDS-1 3/8" Bore QD	1	
12.	308-020600-370	V-Belt, 3V710	3	
13.	07010-1012282	Belt Drive Guard	1	
14.	316-000300-000	Motor, 15HP Electric, 1800 RPM, 460 Volt, 254T, Frame. For 1500 RPM, 380V. 50Hz, 3ph.	1	
15.	308-018554-000	Mount, Motor, TA-5	1	
16.	01040-1012284	Head Shaft, 2 11/16" Dia.	1	
17.	307-008050-000	14" x 26" Lagged Head Pulley	1	

CMI CORPORATION



DWG. NO. Bl-33-19

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P.O. Box 1995 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

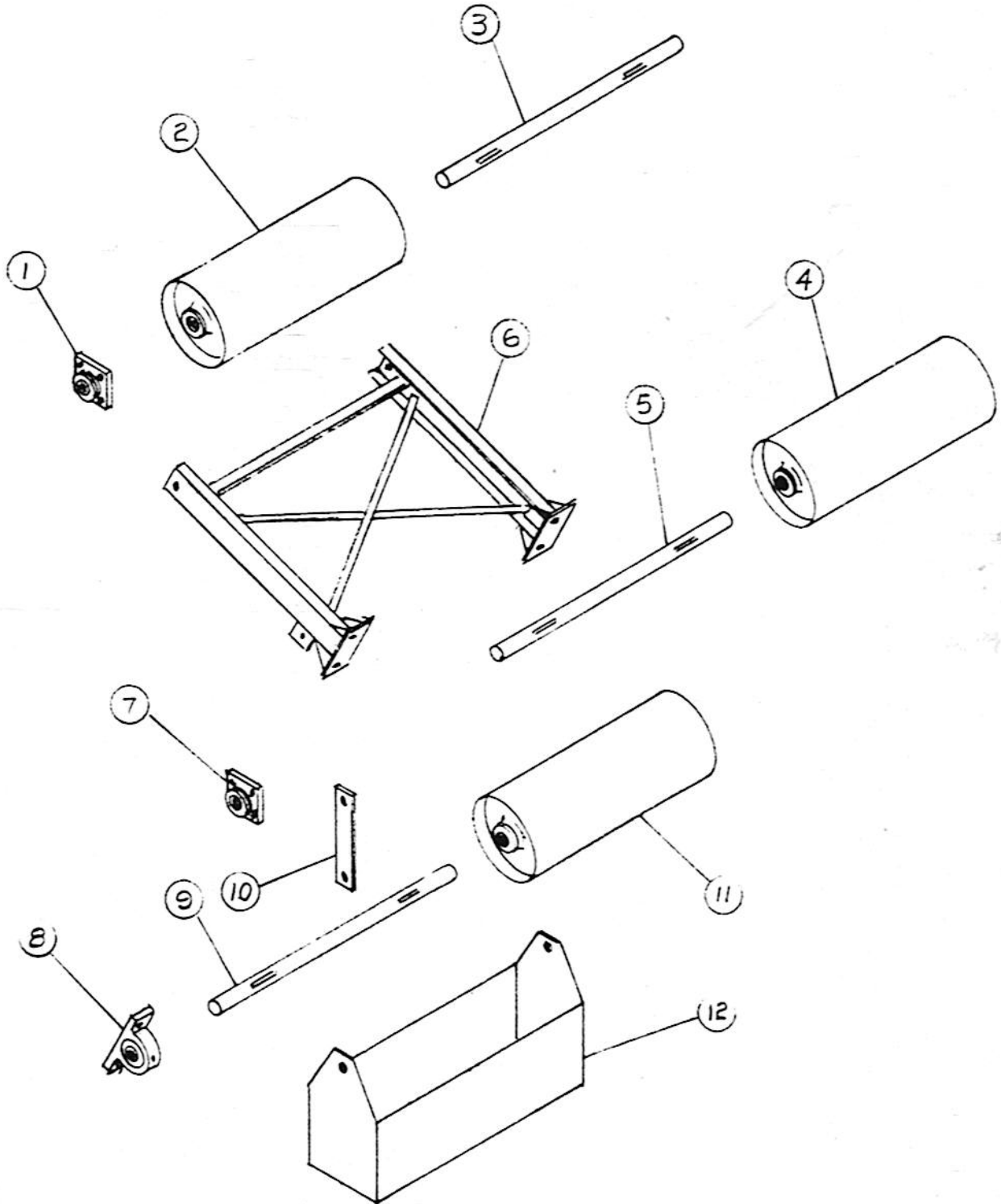
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
18.	01010-1012610	Scraper, Belt	1	
19.	307-000041-000	Fastener, Belt E-1 (box)	1	Flexco
20.	303-016290-000	Bearing, Flanged F-243	2	Link-B
21.	302-002790-100	Mud Flaps	2	
22.	302-003020-000	Spring, Seats, SD-1162-1	4	
23.	302-004270-000	Tires, 10:00 x 20, Tube and Flap	2	
	302-004770-000	Wheel with Lock Ring	2	
24.	302-000760-040	Axle, 84" Track, A15-NS-LW10	1	
*	04010-1012282	Conveyor Hopper	1	
*	323-150030-000	Scale, Conveyor, 10-20-21	1	Ramsey
*	323-150020-200	Belt, Sensor, 60-12	1	Ramsey
*	06010-1012282	Block, Bearing Adapter	1	
*	06060-1012282	Block, Bearing Adapter	1	
*	03010-1012275	Take-Up, Gravity	1	
*	01012-1012275	Guard, Wind	1	
**	01010-1012375	Hopper, Recycle	1	
		*Not Shown		
		**Use on Recycle Conveyor ONLY		

CMI CORPORATION



DWG A1-33

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION

DWG. NO. AI-33-3

REV.

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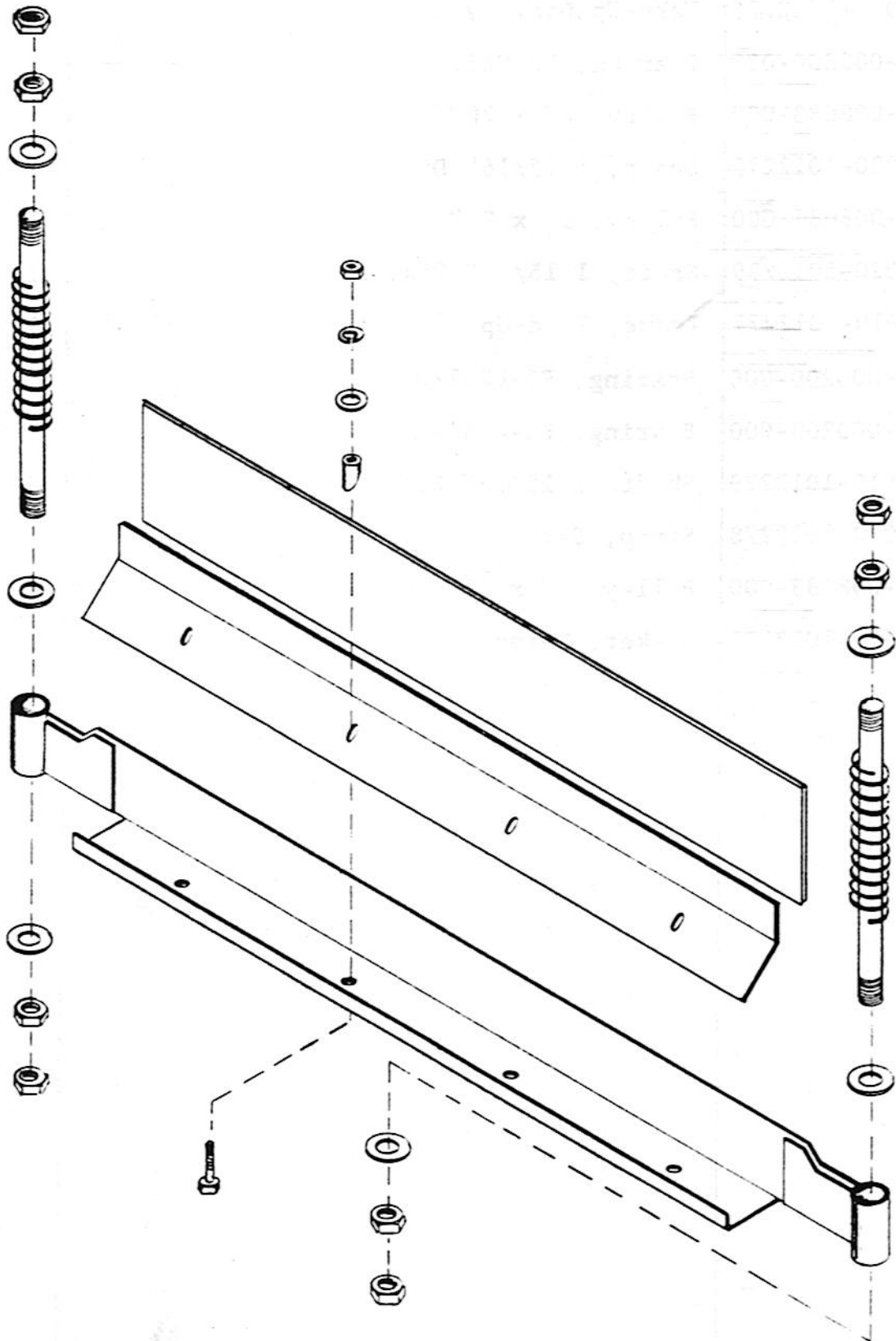
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	03010-1012275	Take-Up Gravity		
1.	303-000200-000	Bearing, P3-U231-H	2	
2.	307-008083-000	Pulley, 8" x 26"	1	
3.	01020-1012279	Shaft, 1 15/16" Dia.	1	
4.	307-008083-000	Pulley, 8" x 26"	1	
5.	01020-1012279	Shaft, 1 15/16" Dia.	1	
6.	03010-1012277	Frame, Take-Up	1	
7.	303-000200-000	Bearing, P3-U231-H	2	
8.	303-000200-000	Bearing, P3-U231-H	2	
9.	01010-1012279	Shaft, 1 15/16" Dia.	1	
10.	01070-1012278	Strap, Bar	2	
11.	307-008083-000	Pulley, 8" x 26"	1	
12.	05010-1012277	Bucket, Weigh	1	

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DWG. A1-37

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION

DWG. NO. Bl-27-8

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	-1012430	Belt Feeder Assembly, 3 HP		
1.	01010-1012562	Lower Bin Section	1	
2.	316-009030-000	Reeves Varispeed 3 HP	1	
3.	308-037861-000	Sprocket, 10T ASA 120, 1 3/4" Bore	1	
4.	308-028070-750	Roller Chain 120 ASA, 62 Pitches	1	
5.	308-038920-030	Sprocket, 42T ASA 120, 2 3/16" Bore	1	
6.	04010-1010982	Guard, Chain	1	
7.	01010-1012428	Shaft, 2 3/16" Dia Head	1	
8.	303-016080-000	Bearing, Flange, F3U-235H	2	
9.	307-008070-000	Pulley, 12" x 32" Lagged	1	
10.	307-000010-030	Belt, 30" Conveyor	22.5	Feet
11.	307-009000-030	Idler Rollers #1470, Sealed Bearings	13	
12.	307-008130-000	Pulley, 12" x 32" Self Cleaning Tail	1	
13.	303-016110-000	Bearing, T3U-231H Take-Up	2	
14.	02030-1010823	Screw, Take-Up	2	
	303-006120-000	Collar, 3/4" Set	2	
15.	01040-1012427	Frame End Channel	1	
16.	01020-1012428	Shaft, 1 15/16" Dia. Tail	1	
17.	03010-1012447	Feed Gate	1	
18.	01110-1011117	Vibrator Flow Switch	1	
19.	01120-1011117	Flow Switch Gate	1	
20.	004-000605-000	Rack & Gear Jack Assembly	1	
21.	01090-1011117	Hinge Rod	1	
22.	308-028160-000	Offset Link, ASA120 Roller Chain	1	
23.	307-000030-270	Tape, Belt	1	
24.	307-000041-000	Belt Fastener, 30" E-1 (Box)	1	

CMI CORPORATION

DWG. NO. A50-5-4

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		Portable Control House		
1.	003-006008-000	Control House	1	
2.		Junction Box	1	
3.		2' x 4' 4 Tube Fluorescent Lamp	3	
4.		Air Conditioner, Heat	1	
5.		Wire Duct	1	
6.	03010-1500200	Mobility Conversion Unit	1	
	302-004880-000	Wheels	4	
	302-004260-000	Tires, Tubes and Flaps	4	
	ILK-008052-000	Mud Flaps	2	
	ILK-008035-000	Tail Light	4	
	302-001775-000	Axle	1	

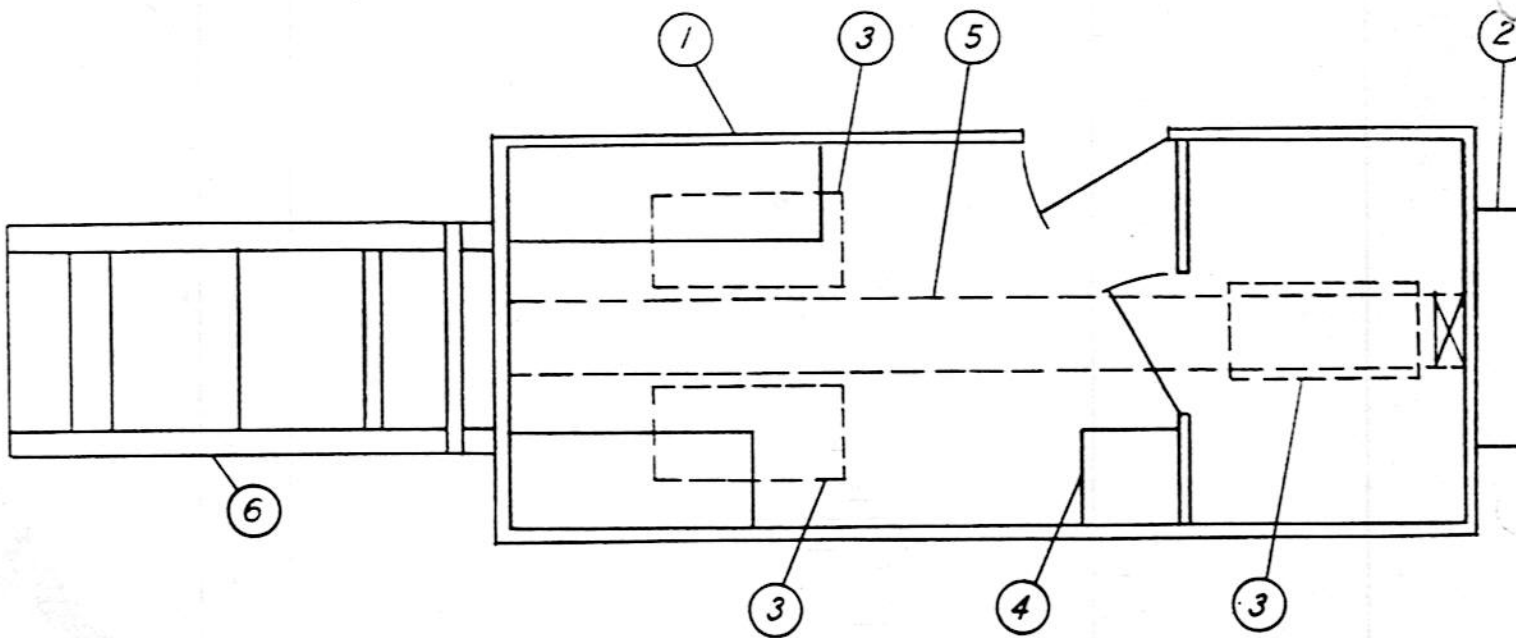
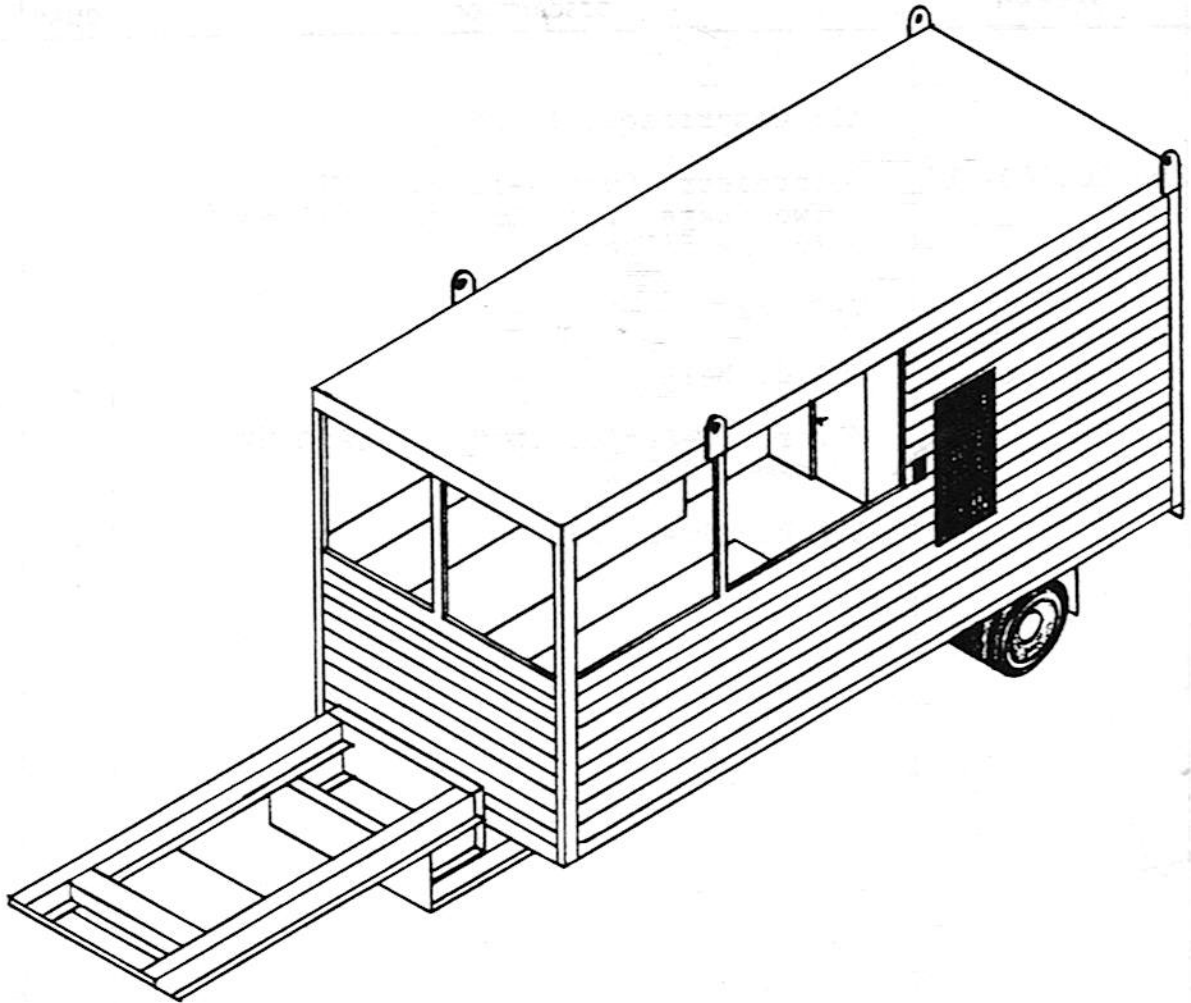
CMI CORPORATION



DWG. NO. A50-2-13

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
1.	306-000040-210	Air Compressor, 10 HP Compressor, Curtis-Toledo CV9711-A Two Stage, Dual Control, Oil Bath Intake Filter	1	
2.		V-Belts		
3.		Guard, Belt	1	
4.		Motor, Electric, 10 H.P., 1800 RPM Frame, 215-T	1	
5.		Air Receiver, 120 Gal.	1	



FLOOR PLAN

CMI CORPORATION

DWG. NO. A46-13-23

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

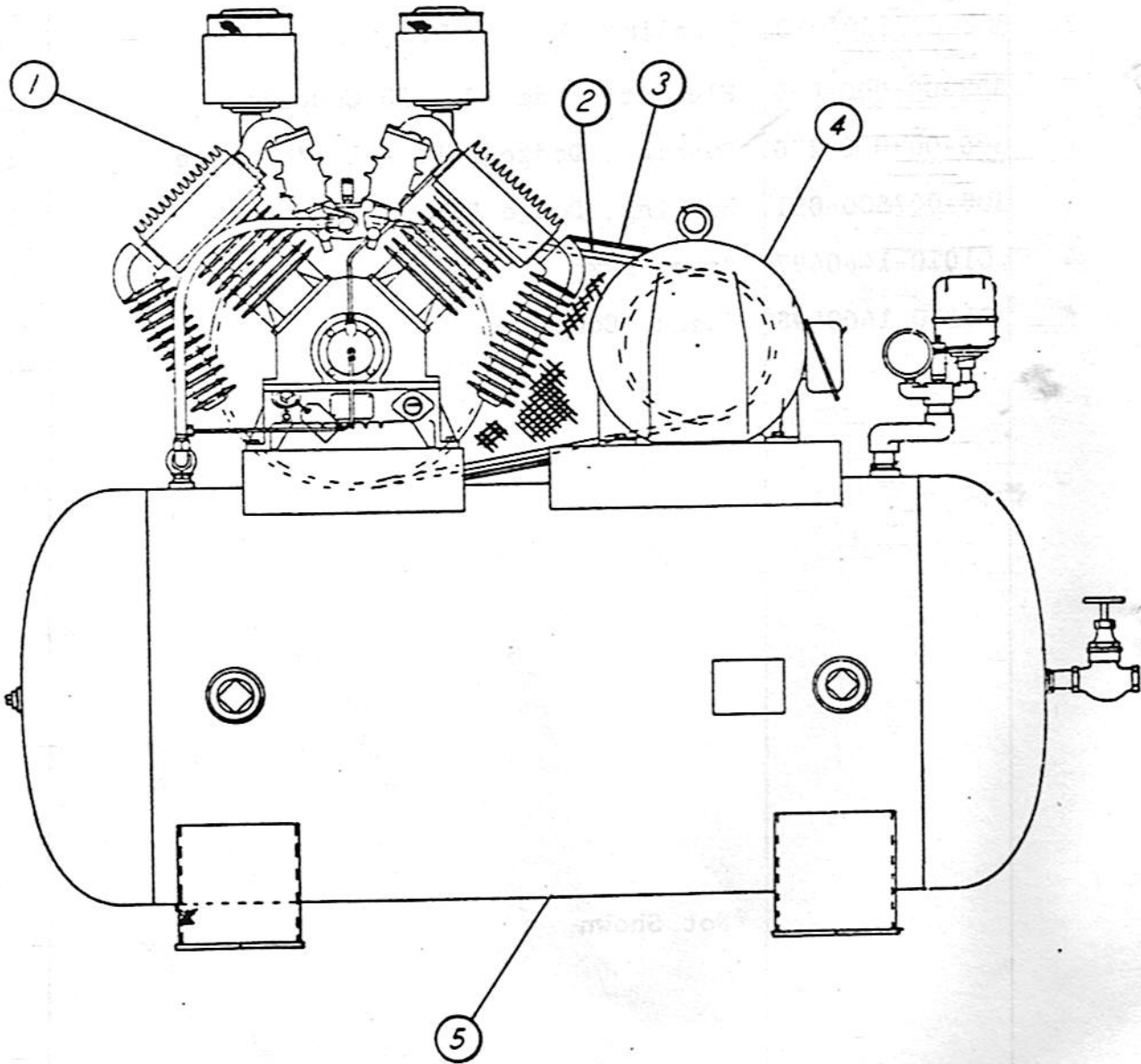
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1460495	Water Pump Assembly		
1.	316-000500-000	Motor: 50 HP Electric 3600 RPM Frame 324TS 460V 3ph. 60 Hz	1	
2.	321-370000-000	Pump, MCM Centrifugal Model 118H 2 x 3, 8 1/2" Impeller	1	
3.	308-007500-050	Coupling, Flange Dodge P x 70	1	
	308-007000-050	Element, Dodge P x 70 Coupling	1	
	308-003020-270	Bushing, Dodge 1610 x 1 1/8" Bore	1	
	308-007500-051	Bushing, Dodge BBS, 1 7/8" Bore	1	
4.	01010-1460497	Base, Pump	1	
*	01030-1460498	Guard, Coupling	1	

*Not Shown

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DWG A50-2



CMI CORPORATION



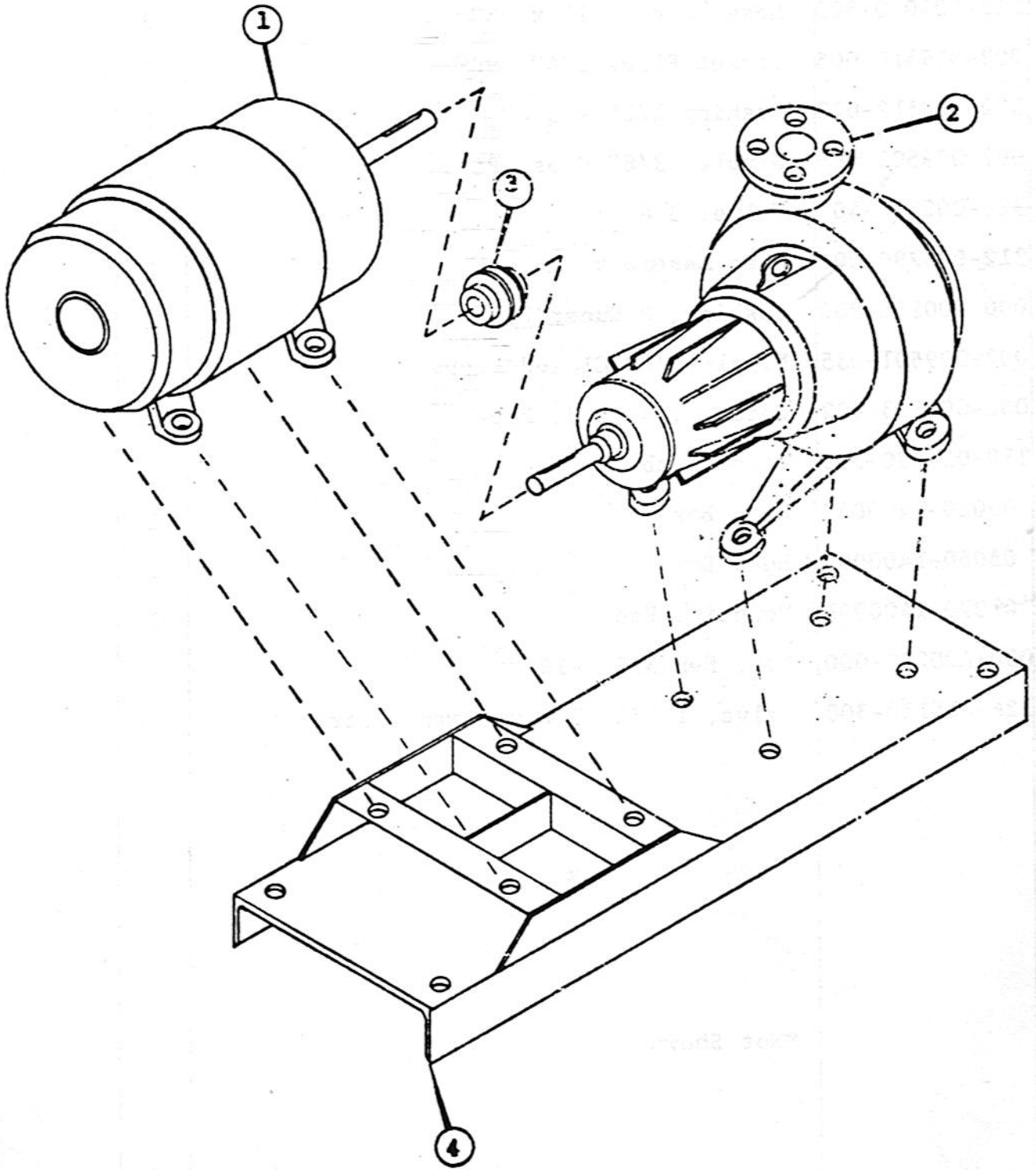
DWG. NO. B33-26-4

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
46.	312-004020-500	Hose, Flex 1/2" x 36"	3	
47.	002-009510-005	Street Elbow 3/4", 90°	1	
48.	002-009512-022	Bushing 1/2" x 3/4"	1	
49.	002-009501-069	Nipple, 3/8" Close Pipe	1	
50.	326-002550-400	Valve, 3/4"	1	
51.	312-006290-000	Hose Assembly	2	
52.	000-A00851-000	Bushing, Reducer Pipe	2	
53.	002-009501-035	Nipple 1/4" Closed Pipe	2	
54.	002-009503-002	Union, 1/4" Std. Pipe	2	
55.	319-024020-500	Copper Tube 1/2"		
56.	05010-1400062	Heat Box	1	
57.	05060-1400062	Heat Box	1	
58.	01070-1400061	Mounting Rod	2	
59.	000-A00258-000	Nut, Hex 3/8" -16 NC	8	
60.	326-015150-300	Valve, 1 1/2" 3 Way (Sample Port)	1	

*Not Shown




CMI CORPORATIONDWG. NO. B33-26-4

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01020-1360390	Asphalt Pump Package UDM-1200, 50 Hz		
1.	08010-1400062	Support Frame	1	
2.	09010-1400062	Drive Guard	1	
3.	09120-1400062	Arm	1	
4.	02020-1400062	Motor Foot	2	
5.	06010-1400062	Bypass Mainfold	1	
6.	03120-1400062	Flange Reducer	1	
7.	03140-1400062	Flange Reducer	1	
8.	03150-1400062	Cover	1	
9.	316-000150-000	Motor, 5 HP, 1800 RPM, 184T Frame For 380V, 50Hz, 3ph, 1500RPM	1	
10.	308-020600-330	Belt, 3V670 (Matched)	4	
11.	308-023902-360	Sheave, 4SH3V4.12	1	
12.	308-006890-100	Bushing, SH 1 1/8" Bore	1	
13.	308-023902-580	Sheave, 4SK3V14.0	1	
14.	308-006910-150	Bushing, SK 1 7/16" Bore	1	
15.	303-000440-000	Bearing, PB-251, 1 7/16" Bore	1	
16.	02010-1400062	Motor Base	1	
17.	321-509000-000	Viking Pump, LQ-34	1	
18.	323-150021-300	Valve, 3 Way Diverter	1	
19.	326-015150-300	Valve, 1 1/2" 3-way	1	
20.	326-015150-400	Valve, 1 1/2" 3-way Transflo	1	
21.	323-150031-400	Meter, Asphalt	1	
	323-150031-500	Stack, Meter, Assembly	1	
22.	320-006020-000	Cylinder, Air Catching 2" x 8"	1	

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DWG. NO. B33-26-4

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
23.	320-006100-100	Clevis Rod	1	
24.	320-006080-000	Clevis Bracket	1	
25.	320-006140-100	Clevis Pin Assembly	1	
26.	320-023010-000	Valve, Solenoid S03-OL	1	
27.	320-010080-000	Lubricator, Norgren	1	
28.	320-010020-010	Filter, Regulator, Norgren	1	
29.	000-A00102-000	*H.H.C.S. 1/2" -13 x 1 1/4" Long	16	
30.	000-A00260-000	*Hex Nut 1/2"	46	
31.	000-A00380-000	*Lockwasher 1/2"	44	
32.	000-A00104-000	*H.H.C.S. 1/2" -13 x 1 3/4" Long	2	
33.	000-A00004-000	*H.H.C.S. 1/4" -20 x 3/4" Long	4	
34.	000-A00304-000	*Lockwasher 1/4"	4	
35.	000-A00059-000	*H.H.C.S. 3/8" -16 x 1 1/2" Long	4	
36.	000-A00258-000	*Hex Nut 3/8"	12	
37.	000-A00306-000	*Lockwasher	12	
38.	000-A00060-000	*H.H.C.S. 3/8" -16 x 1 3/4" Long	8	
39.	000-A00106-000	*H.H.C.S. 1/2" -13 x 2 1/4" Long	28	
40.	312-003120-030	Flex Hose	1	
41.	000-A00179-000	H.H.C.S. 3/4" -10 x 6" Long	2	
42.	313-006020-010	Gasket	1	
43.	313-006011-000	Gasket	7	
44.	002-009501-103	Nipple, Close 1/2"	3	
45.	002-009503-004	Union 1/2"	3	

CMI CORPORATION

DWG. NO. B33-22-2

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1420065	Asphalt Injection Pipe		
1.	312-004460-000	3" X 8' Long, Flex Braided Steel Hose With 150# Flange, each end	1	
2.	000-A00461-000	3/4 X 2 1/2 Set Screw	1	
3.	000-A00148-000	*5/8-11 X 2 1/2 Long Hex Head Bolt	4	
4.	000-A00262-000	*5/8-11 Hex Nut	4	
5.	000-A00311-000	*5/8 Lockwasher	4	
6.	313-006031-000	Gasket, 3" Ring	2	
7.	01010-1420067	Injection Pipe	1	
8.	01030-1420067	Injection Pipe Support	1	
		* Not Shown		

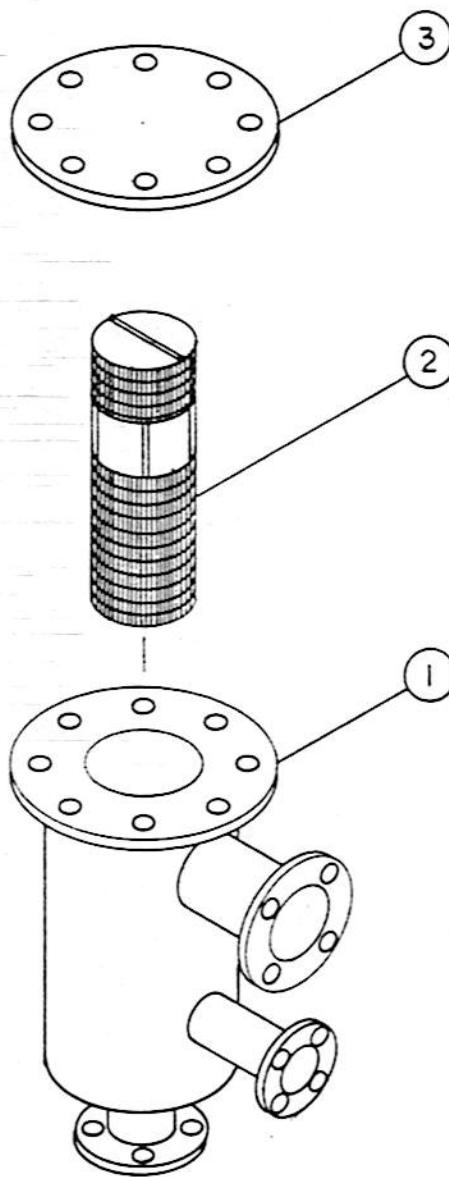
CMI CORPORATION

DWG. NO. A33-13-1

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
1.	323-150031-400	2" Flow Meter Meter, 2" Bi Rotor Asphalt Flow B-50-DBF Jacketed	1	
	323-150031-500	Meter Stack Assembly		
2.	323-150031-510	Extension, Vented 5600-930, 7 1/2" Long	1	
3.	323-150031-520	Adjustor 4200	1	
4.	323-150031-530	Gear Changer 5900-896	1	
5.	323-150031-540	Compensator, Temperature, 4400-421	1	
6.	323-150031-550	Housing Assembly High Frequency Pulse Generator 228-00-601-18 (1000 pulses per gal.) Impulse Contractor, (1 pulse per gal.)	1	
7.	323-150031-570	Counter, Veeder-Root Series 7887	1	



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DWG. NO. A33-6-4

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

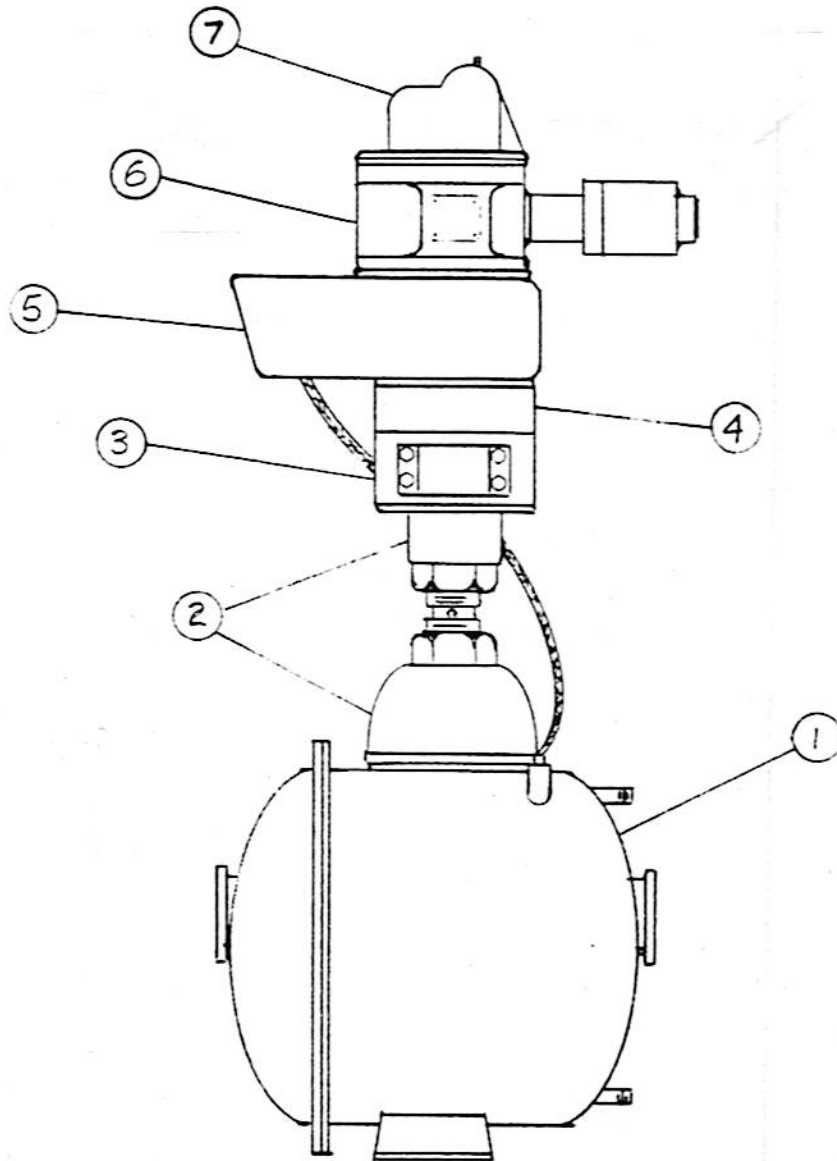
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	02010-1420110	Strainer Assembly - 2 1/2" Jacketed		
1.	04010-1400062	Strainer	1	
2.	08040-1360362	Strainer Screen	1	
3.	05090-1360362	Cover	1	

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DWG. A33-13

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



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DWG. NO. A12-15-12

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	-1420025	Burner, Hauck 50 Hz.		
1.	304-000210-140	Burner, Hauck, JBO-4500-109	1	
2.	01010-1120622	Air Line Extension	1	
3.		Blower, Hauck, TBA-1100-45	1	
4.		Motor, 60 HP, 326-TS Frame, 380V 50 Hz. 3ph, 3000 RPM	1	
5.		Ignition Tile	1	
6.		Radiation Shield	1	
*	304-000520-000	Pump, Fuel Oil Model 4GA with Strainer, 3 hp Electric Motor and Base	2	
*		CMI Manual Control	1	

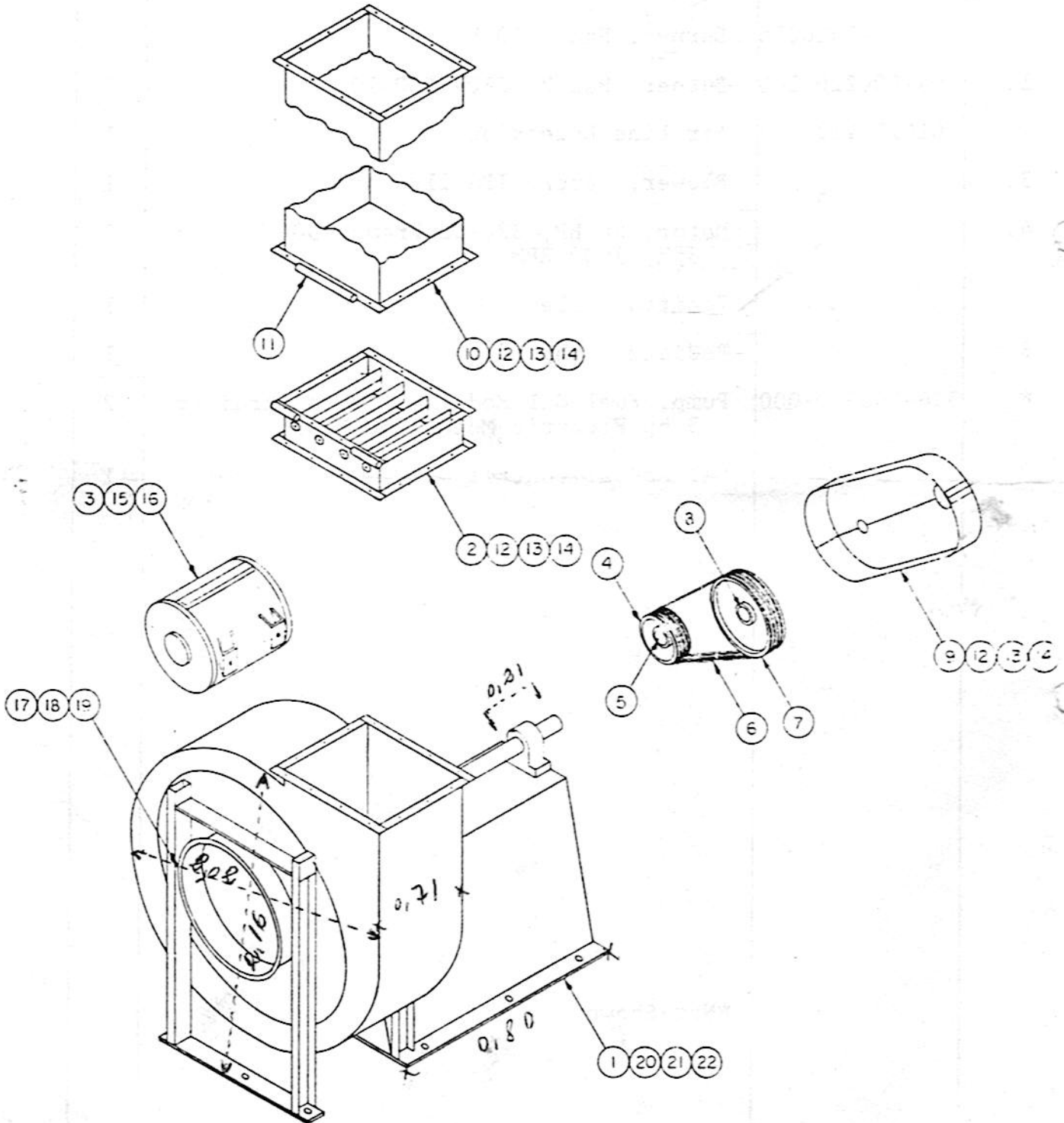
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DWG A18-46

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION

DWG. NO. A18-46-21

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	-1420050	Fan, Damper, Drive		
1.	310-008500-010	Fan, ILG 2033, CW, UBD	1	
2.	04010-1420052	Damper, Opposed Blade	1	
	01010-1420015	Actuator, Damper	1	
3.	316-000670-100	Motor, 150 HP, 1800 RPM, 444T Frame For 380V, 3 ph, 50 Hz. 1500 RPM	1	
4.	308-023922-760	Sheave, 6F5V13.2	1	
5.	308-006940-390	Bushing, QD, F, 3 3/8"	1	
6.	308-020602-010	Belt, 5V1500	6	
7.	308-023920-230	Sheave, 6F5V18.7	1	
8.	308-006940-440	Bushing, QD, F 3 11/16"	1	
9.	02011-1420052	Guard, Sheave Section	1	
	02120-1420052	Guard, Sheave Section	1	
10.	01010-1182620	Duct, Air (Fan to Stack)	1	
11.		Not Used		
12.	000-A00059-000	*H.H.C.S. 3/8" x 1 1/2" Long	88	
13.	000-A00258-000	*Hex Nut	88	
14.	000-A00306-000	*Lockwasher 3/8"	88	
15.	000-A00167-000	*H.H.C.S. 3/4" x 2"	4	
16.	000-A00311-000	*Lockwasher, 3/4"	4	
	000-A00263-000	*Nut, 3/4" Hex.	4	

CMI CORPORATION



DWG. NO. A18-46-2

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

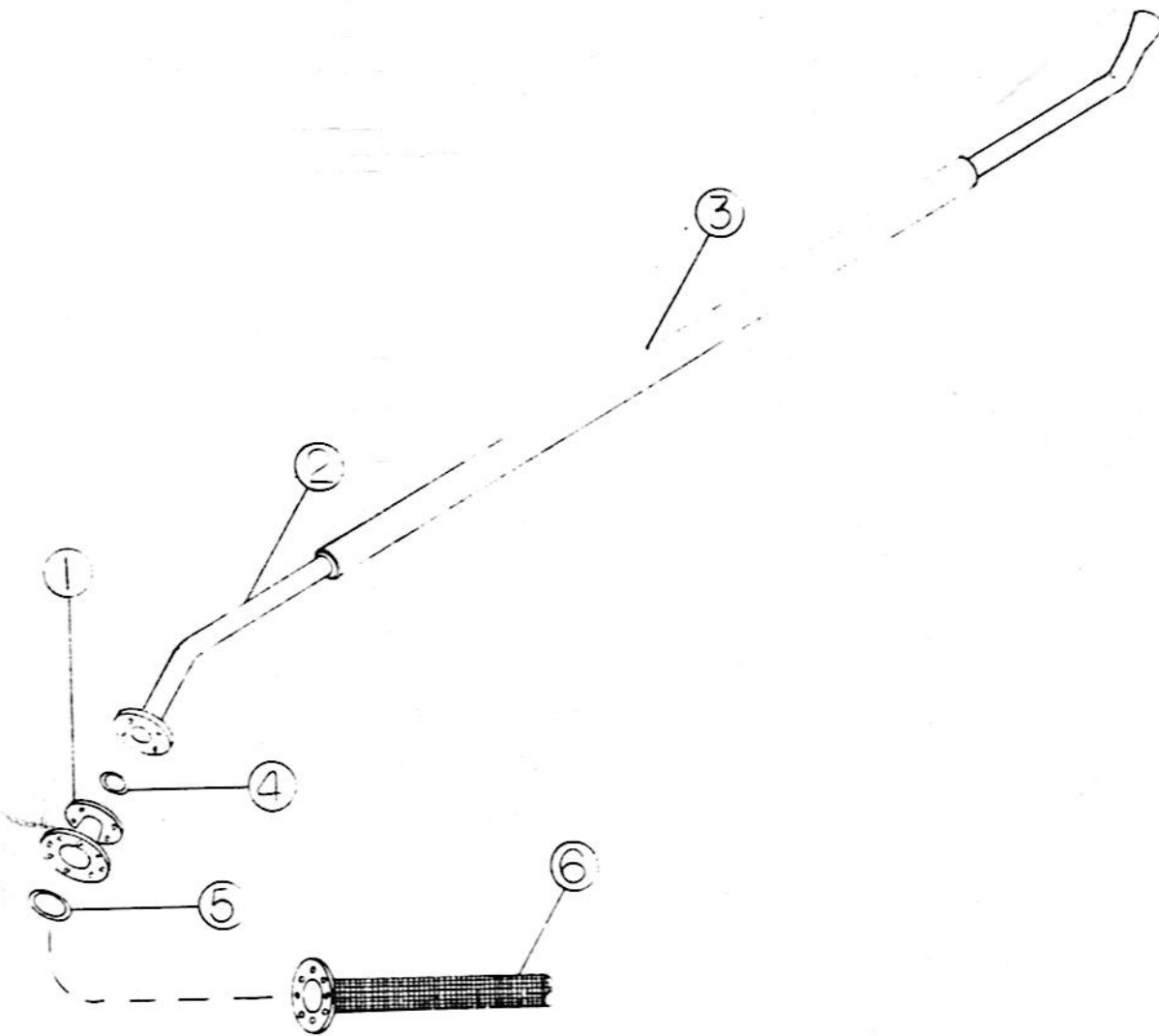
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
17.	000-A00103-000	*H.H.C.S. 1/2" x 1 1/2"	20	
18.	000-A00260-000	*Nut, Hex 1/2"	20	
19.	000-A00308-000	*Lockwasher 1/2"	20	
20.	000-A00144-000	*H.H.C.S. 5/8" x 1 1/2"	10	
21.	000-A00262-000	*Nut, Hex 5/8"	10	
22.	000-A00310-000	*Lockwasher 5/8"	10	

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DWG A1E-4E

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION

DWG. NO. A18-48-3

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

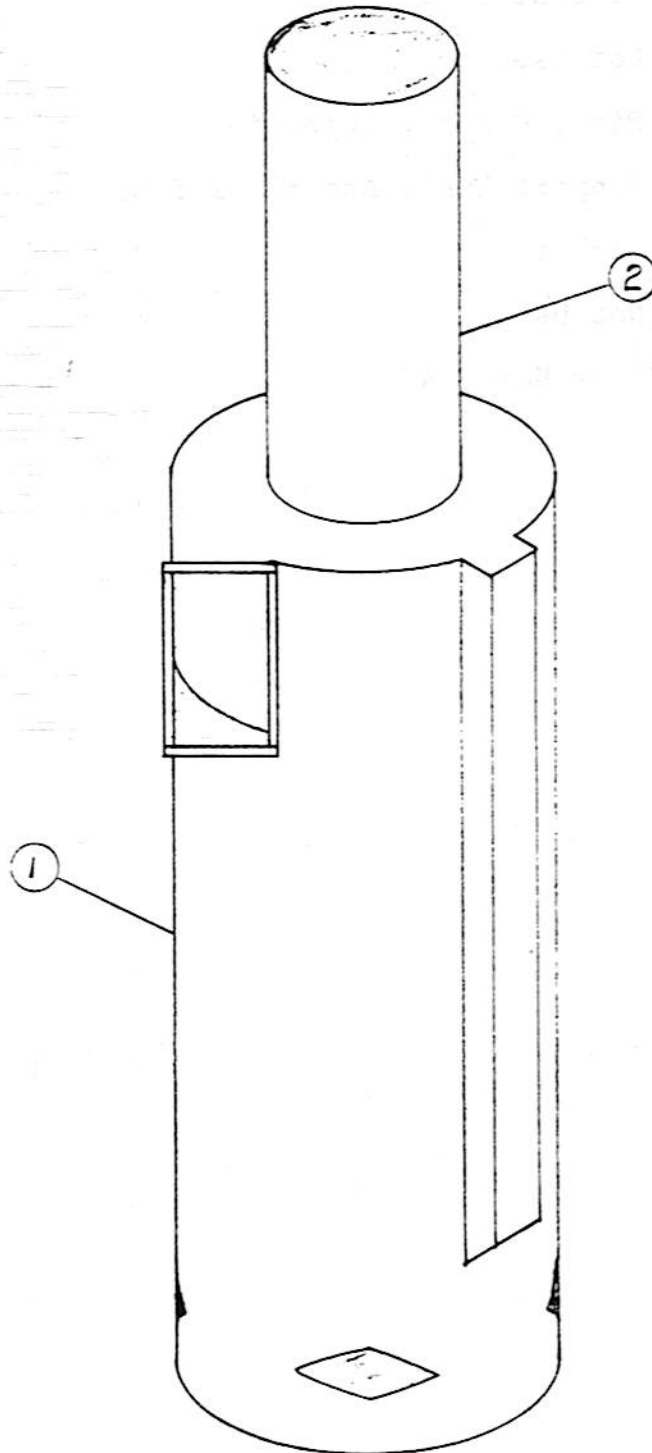
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
1.	01010-1420105	Mineral Filler Pipe Not Used		
2.	02010-1420107	Pipe, Mineral injection	1	
3.	01010-1420107	Support Duel, Asphalt and Dust	1	
4.	313-00603-1000	Gasket, 3"	1	
5.		Not Used		
6.		Flex Hose, 4"		

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DWG A13-53

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



2

CMI CORPORATION



DWG. NO. A18-58-2

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

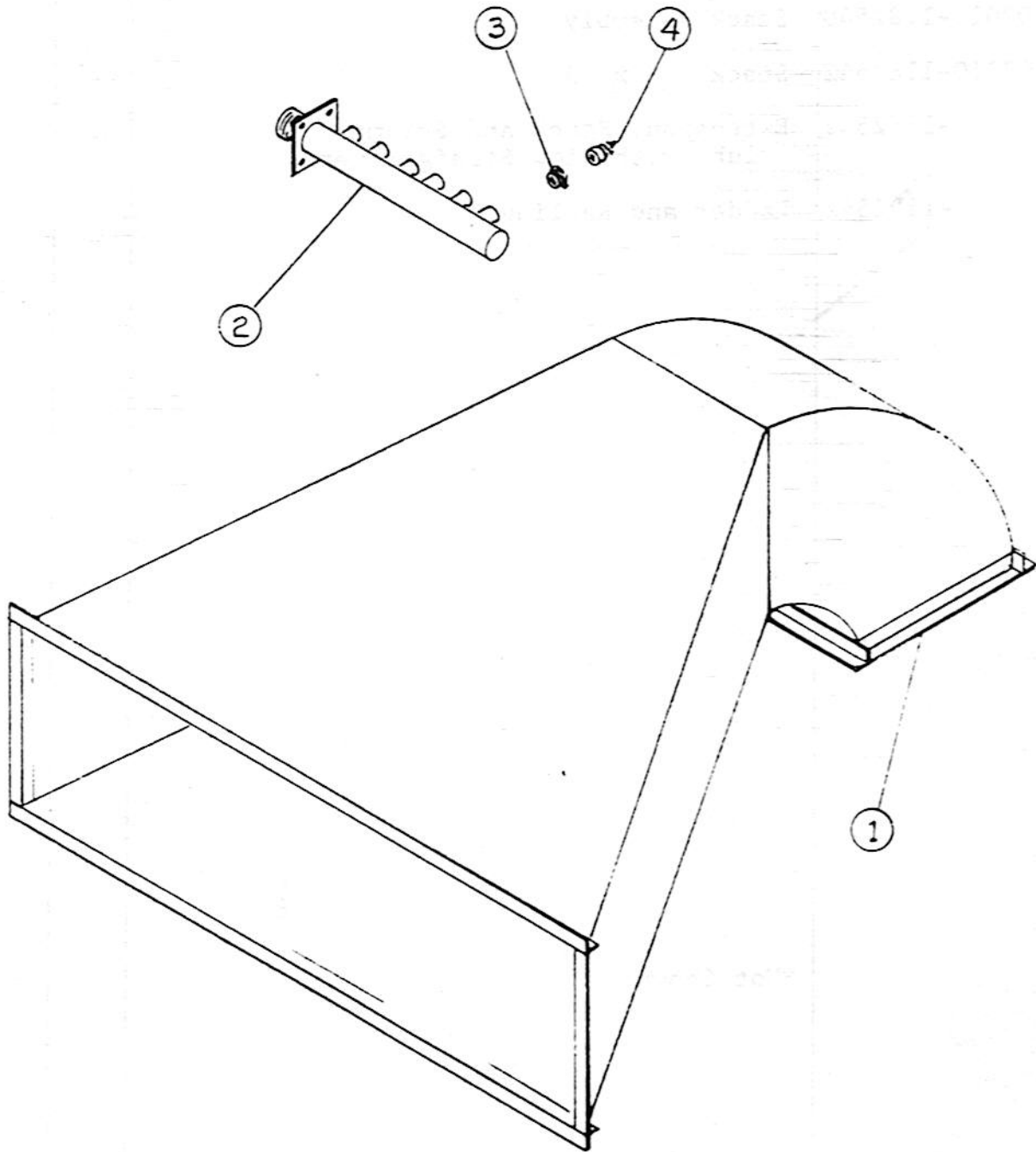
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	02010-1182540	Stack Assembly		
1.	02010-1182542	Stack, 8 x 35	1	
2.	-1182542	Extension, Stack and Skimmer Tube with Flow Straightener	1	
*	-1182542	Ladder and Railing	1	
		*Not Shown		

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DWG A18-65

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION

DWG. NO. A18-65-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	02011-1420045	Air Duct		
1.	03010-1420047	Air Duct	1	
2.	01010-1420152	Spray Bar	1	
	01020-1420152	Spray Bar	1	
3.	B19-033011-000	Bushing, 1/4" x 3/8" Pipe	x 26	
4.	B15-008030-060	Nozzle, Spray TF-10FC Brass	x 26	

CMI CORPORATION

DWG. NO. B18-28-4

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	03010-1420045	UDM 1200 Air Washer Assembly		
1.	09010-1420047	Air Washer (W.U.)	1	
2.	05060-1420047	Spray Bar	1	
	002-009501-069	Nipple, Pipe 3/8" Close	12	
	002-009504-003	Coupling, Pipe 3/8"	12	
	315-008040-035	Nozzel, TF-12-FC Brass	12	
3.	06011-1420047	Venturi Plate (W.U.)	1	
	03060-1420048	Seal	2	
4.	02020-1420048	Venturi Shaft	1	
5.	000-A00150-000	Bolt, Hex, 5/8"-11 X 3"	1	
	000-A00262-000	Nut, Hex, 5/8"-11	1	
	000-A00310-000	Lockwasher, 5/8"	1	
6.	06010-1420047	Venturi Handle	1	
7.	02050-1430048	Guide, Handle	1	
8.	000-A00103-000	Bolt, Hex, 1/2"-13 X 1 1/2"	1	
	000-A00260-000	Nut, Hex, 1/2"-13	1	
	000-A00296-000	Washer, Flat 1/2"	1	
	000-A00308-000	Lockwasher, 1/2"	1	
9.	01010-1180700	Water Flap Gate	1	
10.	02050-1420048	Drain Cover Plate	1	
	02060-1420048	Drain Cover Plate	1	
	02090-1430048	Bar	8	
	01080-1400048	Bolt, Hook	8	
	000-A00258-000	Nut, Hex 3/8-16	8	
	000-A00294-000	Lockwasher 3/8"	8	

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DWG. NO. B18-28-4

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

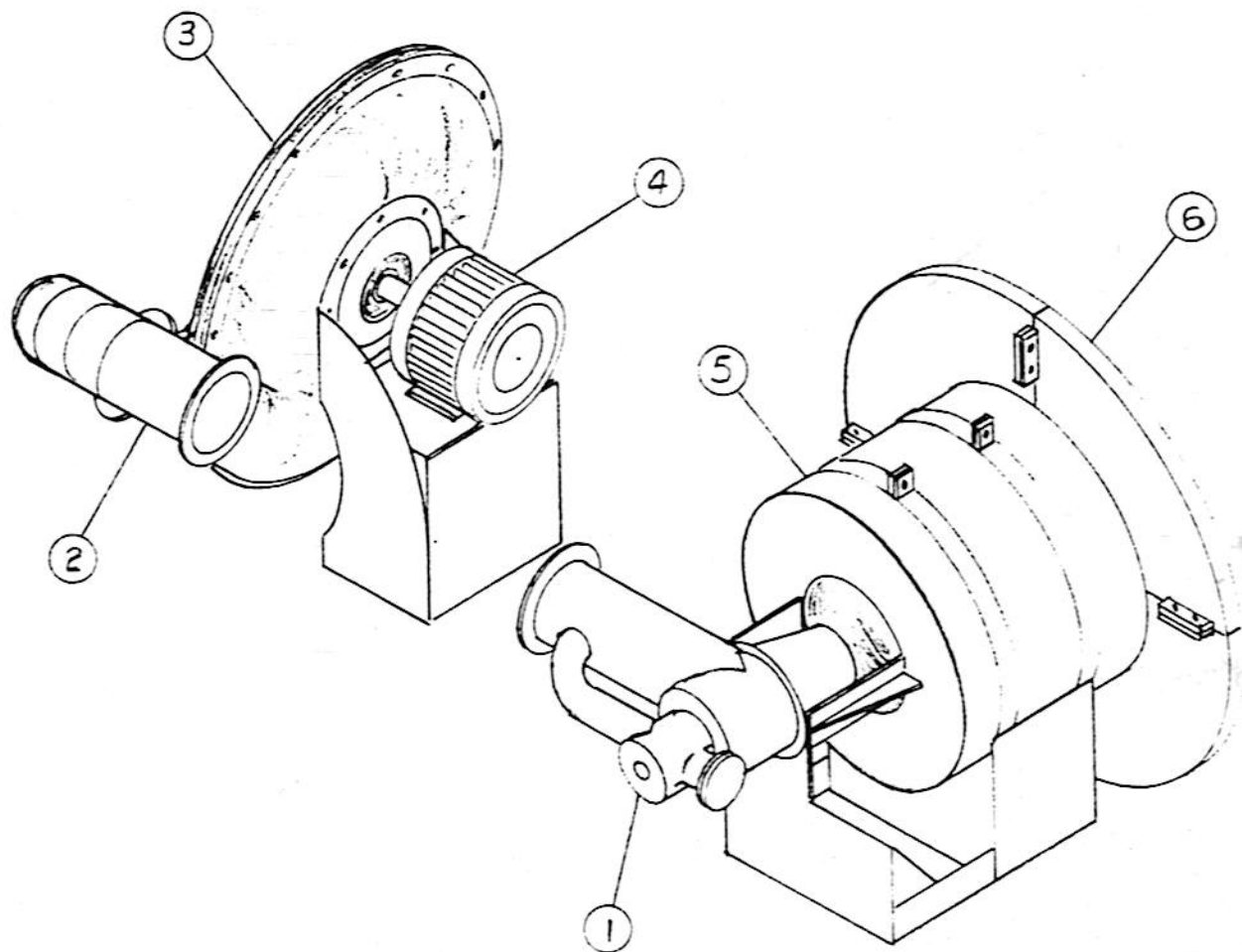
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. I
11.	02130-1420048	Plate	1	
12.	01070-1420048	Cover, Excess	1	
	000-A00057-000	Bolt, Hex, 3/8"	16	
	000-A00306-000	Lockwasher, 3/8"	16	
13.		Not Required		
14.		Not Required		
15.		Not Required		
16.		Not Required		
17.		Not Required		

CMI CORPORATION



DWG. A12-15

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION



DWG. NO. B9-8-6

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	-1460450	Chain Drive and Power Unit, 50 Hz.		
1. /	307-004020-900	Chain, Jeffrey 1S-3514 J ←	X 68	Pitches
2. /	01011-1460452	Sprocket, Segment ←	X 6	
3.	303-000870-000	Bearing, PB900, 2 15/16"	2	
4.	01040-1460313	Shaft, Idler	1	
5. /	03010-1460452	Sprocket, Idler ←	X 1	
6. /	02010-1460452	Sprocket, Drive ←	X 1	
7.	04010-1460452	Chain, Guide	1	
8.	01080-1460462	Slide, Idler Sprocket	2	
9.	324-015390-000	Spring	2	
10.	01120-1460462	Rod, Adjusting	2	
11.	01010-1460462	support, Idler	1	
12.	308-017160-000	Reducer, 2415-J25	1	Falk
	308-018440-340	Bushing, 2415-J 3 15/16"	1	Falk
13.	316-000540-000	Motor, 75 HP, 365T Frame For 380V, 3ph, 50 Hz, 1500 RPM	1	
14.	308-023920-940	Sheave, 4 GR 5V109	1	
15.	308-023920-960	Sheave, 4 GR 5V11.8	1	
16.	308-020600-770	V-Belt, 5V750 Matched	4	
17.	308-006930-330	Bushing, E 2 15/16" Bore	1	
18.	001-011050-000	Key, 3/4" x 3/4" x 3"		
19.	001-012730-000	Key, 5/8" x 5/8" x 2 1/2"		
20.	308-006930-240	Bushing, E 2 3/8" Bore	1	
21.	05011-1460452	Guard, Drive	1	
22.	01040-1460452	Shaft, Drive 3 15/16" Dia.	1	

CMI CORPORATION



DWG. NO. B9-8-6

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. N
23.	001-010510-000	Key, 1" x 1" x 6"		
24.	303-000050-020	Bearing, PELB-6863 FAC 3 15/16"	1	
25.	311-530141-000	Nut, Hex, 1 1/4"	8	
26.	311-528591-010	Washer, Flat, 1 1/4"	2	
27.	303-000050-000	Bearing, PLB-6863 FA 3 15/16"	1	
28.		Key, 1 1/4" x 1 1/4" x 9"		
29.	01050-1460313	Key, 3/8" x 3/4" x 6"		
<u>30.</u>	<u>01060-1460313</u>	<u>Connecting Blocks</u> ↙	12	

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DWG. NO. A8-3-4

Form 79

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1080140	Guide Roller Assembly		
1	02010-1080114	Guide Roller, 12" dia. x 3½" thick	2	
2	303-00042-0000	Bearing (top) PLB-6847-A	2	
3	303-00043-0000	Bearing (bottom) PELB-6847-AC	2	
4	02010-1080124	Shaft, 2 15/16" dia. x 18" long	2	
*	311-00008-1000	3/4" x 8" Machine Bolt	8	
*	311-53201-1250	3/4" Hex Nut	8	
*	311-52857-1000	3/4" Flat Cut Washer	8	
*	311-52912-1000	3/4" Lockwasher	8	
		* Not Shown		



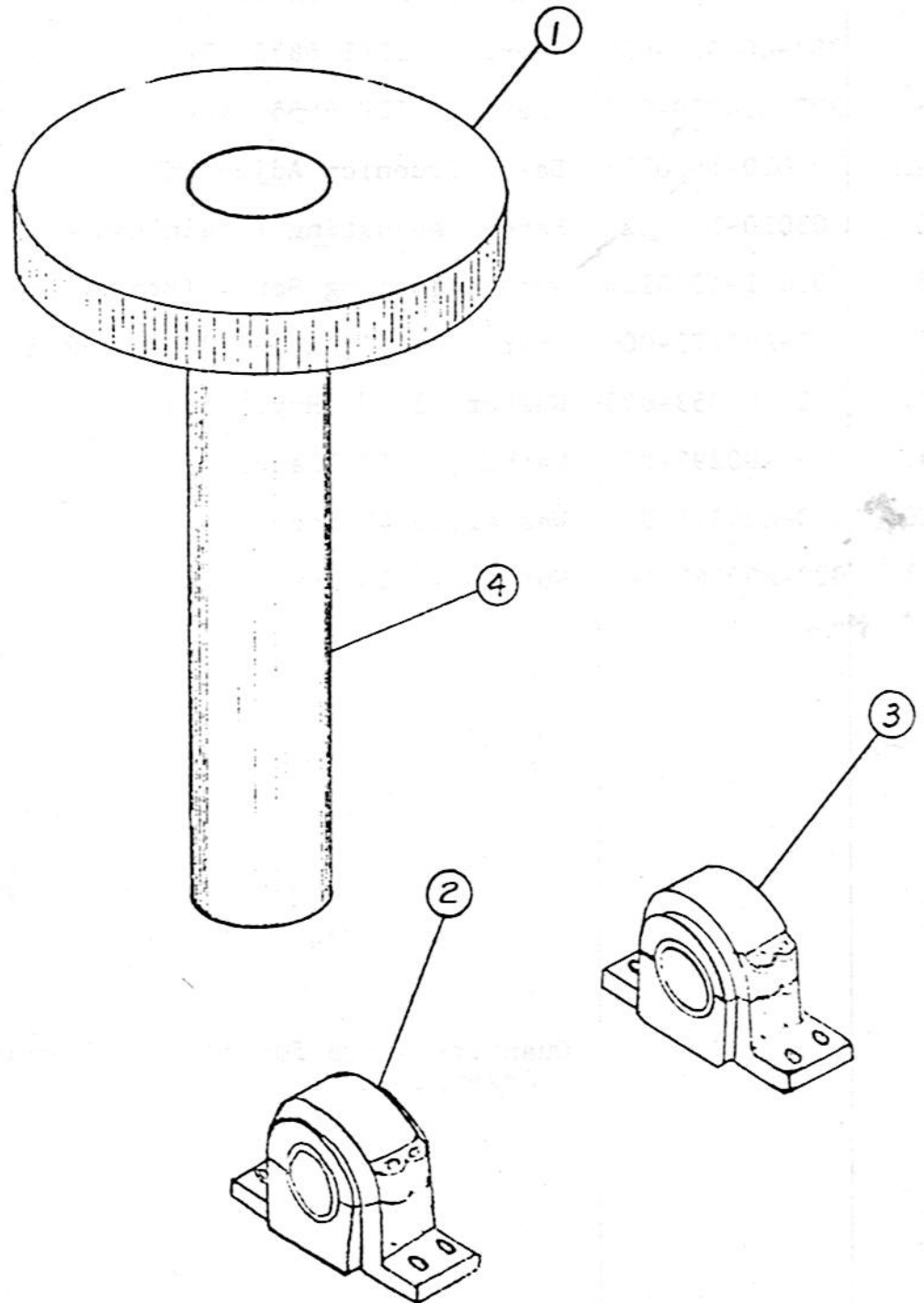
CMI CORPORATION



DWG. NO. A7-8-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1420175	Drum Trunnion Roller Assembly*		
1.	305-000830-000	Roller, Trunnion with Shaft	1	
2.	303-000070-020	Bearing, PELB-6855 FAC	1	
3.	303-000070-010	Bearing, PLB-6855 FAC	1	
4.	01010-1420177	Base, Trunnion Adjusting	1	
5.	03010-1080124	Screw, Adjusting (Stainless)	2	
6.	03021-1080124	Nut, Adjusting Screw (Brass)	2	
7.	000-A00173-000	Bolt, 3/4"-10 x 3 1/2 Hex, Head	4	
8.	005-001053-000	Washer, 3/4" Hvy. Square	12	
9.	000-A00299-000	Washer, 3/4" Flat	12	
10.	000-A00311-000	Washer, 3/4" Lock	12	
11.	000-A00263-000	Nut, 3/4"-10 Hex.	12	
Quantity above for one (1) Trunnion Assembly				

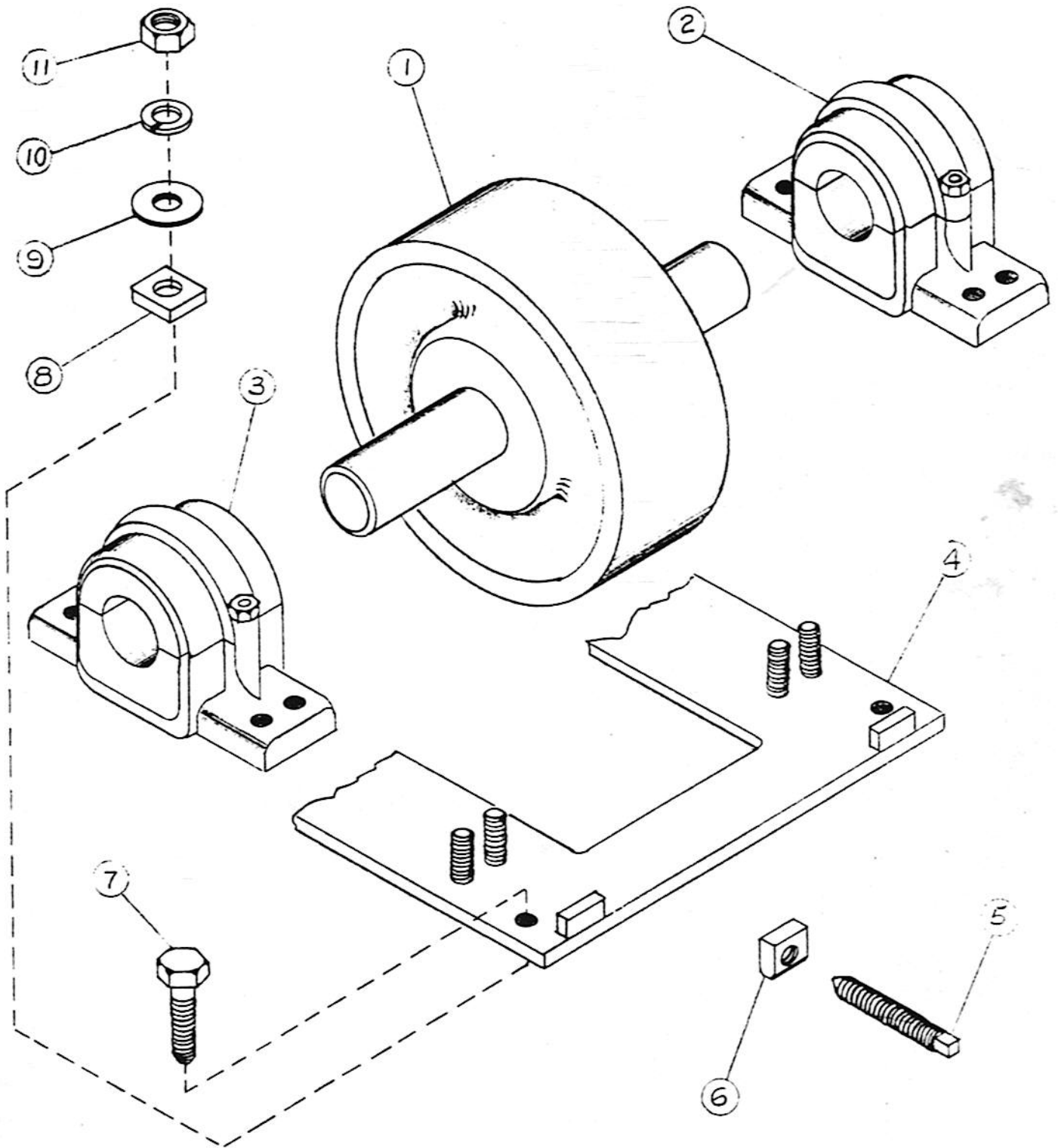


CMI CORPORATION



DWG. A7-8

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172



CMI CORPORATION

DWG. NO. B6-22-2

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

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REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NC
	01011-1420100	Drum Mixer with Recycle for UDM-1200		
1.	01010-1060433	Drum Mixer Shell	1	
2.	308-014160-000	Tire, Drum	2	
3.	305-000890-000	Driving Wedge	52	
4.	305-000900-000	Wedge, Fixed	52	
5.	01040-1430088	Ring, Inner Plate	2	
6.	01090-1060433	Lifters	X 18	
7.	01100-1060433	Angle Flight	18	
8.	02020-1060458	Mixing Flight	24	
	01080-1060458	Mixing Fixing Angle	24	
9.	02020-1060458	Flight	24	
	01080-1060458	Mixing Flight Angle	24	
10.	02010-1420103	Flight, Mixing	24	
	01020-1420103	Mixing Flight Angle	24	
11.	01020-1400088	Baffle	9	
	02020-1400087	Baffle, Wear Plate	9	
	01040-1400087	Baffle, with Dragplate	1	
	02030-1400088	Baffle, Wear Plate	1	
12.	02040-1060458	Flight, Showering	24	
	01070-1060458	Flight, Angle	24	
13.	03010-1060458	Flight, Showering	24	
	01060-1060458	Angle, Flight	24	
14.	03010-1060458	Flight, Showering	24	
	01060-1060458	Angle, Flight Showering	24	

CMI CORPORATION



DWG. NO. B6-22-2

REV.

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. I
15.	03010-1060458	Showering Flight	24	
	01060-1060458	Angle, Flight	24	
16.	01030-1060433	Screw Flight	12	
17..	01020-1060433	Retaining Plate Ring	1	
18.	01010-1420087	Door, Material Inlet with Flight	10	
*	01090-1060458	Segment, Ring	16	
		*Not Shown		

CMI CORPORATION

DWG. NO. B5-1-2

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1420055	Support Leg		
1.	01030-1400057	Support Base	8	
2.	01010-1420057	Support Leg	2	
3.	327-000010-000	Screw Jack	6	
4.	01050-1400057	Support Leg	2	
5.	01110-1400058	Support Brace	2	
6.	01100-1400058	Support Brace	2	
7.	01130-1400058	Support Brace	2	
8.	01120-1400058	Support Brace	2	
9.	01060-1400057	Support Leg	2	
10.	01040-1400057	Support Leg	2	
11.	01140-1400058	Screw Jack	2	
12.	001-079712-000	Grease Fitting	8	
13.	000-A00254-000	*H.H. Bolt 1 1/4"-7 NC X 7 1/2" Long	16	
14.	000-A00178-000	*H.H. Bolt 3/4" NC X 5 1/2 " Long	16	
15.	000-A02048-000	*Locknut 1 1/4"-7 NC	16	
16.	000-A02044-000	*Locknut 3/4"-10 NC	16	
		* Not Shown		

CMI CORPORATION



DWG. NO. B4-6-4

P.O. Box 1885 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

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REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	-1420020	Main Frame, UDM-1200		
1.	01010-1420022	Main Frame (W.U.)	1	
2.	302-002530-000	Tri-Axle Suspension	1	
	302-002550-050	Single Axle Suspension	1	
3.	302-001810-000	*Axle, 94" Track, A22T-FC70-DW10	4	
4.	302-004770-000	Wheel, Budd Type, 7.50 x 20	16	
5.	302-004270-000	Tires and Tubes 10.00 X 20,12 Ply	16	
6.	302-003260-000	Air Tank and Valve Assembly	2	
7.	319-060080-000	Tee, Union #64	2	
8.	302-003310-000	*Air Line Connectors	16	
9.	319-060161-000	Connector, 3/8" X 1/2" NPT	16	
10.	000-A02585-000	Male Adapter 90°	2	
11.	000-068068-00R	Copper Tube	120	Feet
12.	302-003320-000	Straight Adapter	2	
13.	302-003900-000	*Emergency Nameplate	1	
14.	302-003901-100	*Service Nameplate	1	
15.	302-002780-000	Glad Hand	2	
16.	003-000854-001	*Clip 1/2"	30	
17.	ILK-008050-000	Electrical Socket	1	
	ILK-008051-000	Socket Cover	1	
18.	309-049120-000	Cable, 4 Cond., 16 Ga.	60	Feet
19.	003-000854-003	*Clip 3/4"	26	
20.	302-002790-100	Mud Flap	2	
21.	01100-2010078	Mud Flap Strap	2	

CMI CORPORATION



DWG. NO. B4-6-4

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

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REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. N
22.	302-003890-000	Air Brake Hose	25'	
23.	302-002810-000	Stop and Turn Indicator	4	
24.	000-A00058-000	*Bolt 3/8-16NC X 1 1/2" Long	16	
25.	000-A00306-000	*Lockwasher 3/8"	16	
26.	000-A00258-000	*Nut 3/8-16NC	16	
		*Not Shown		

CMI CORPORATION



DWG. NO. A3-29-3
REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	02011-1440085	Recycle Intake Hopper		
1.	04012-1440087	Hopper, Dump Type	1	
2.	04040-1440088	Liner	2	
3.	04030-1440088	Liner	2	
4.		Flop Gate Assembly		
	04051-1440087	Gate, Damper	2	
	04020-1440088	Shaft, Damper	1	
	04050-1440088	Shaft, Damper	1	
	04010-1440088	Counter-Weight	2	
*	000-A01748-000	Pin, Roller 1/4" x 1 3/8"	4	
*	02010-1420085	Chute, Recycle Discharge	1	

*Not Shown

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DWG. NO. A3-25-3

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

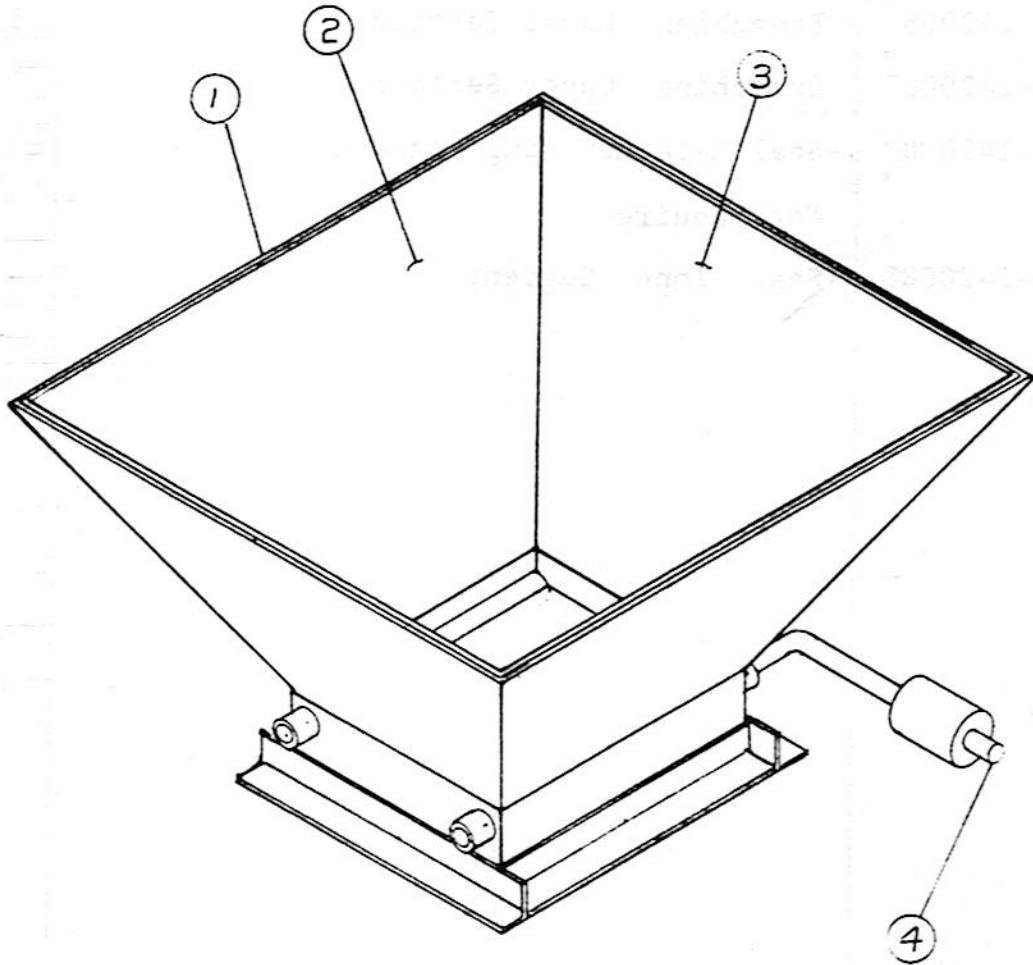
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1420085	Recycle Breeching		
1.	05010-1420087	Breeching, Lower Section	1	
	04010-1420087	Breeching, Upper Section	1	
2.	02010-1420088	Seal Retainer Ring Segment	24	
3.		Not Required		
4.	02020-1420088	Seal, Inner Segment	24	

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DWG. A3-21

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



CMI CORPORATION



DWG. NO. A3-24-1

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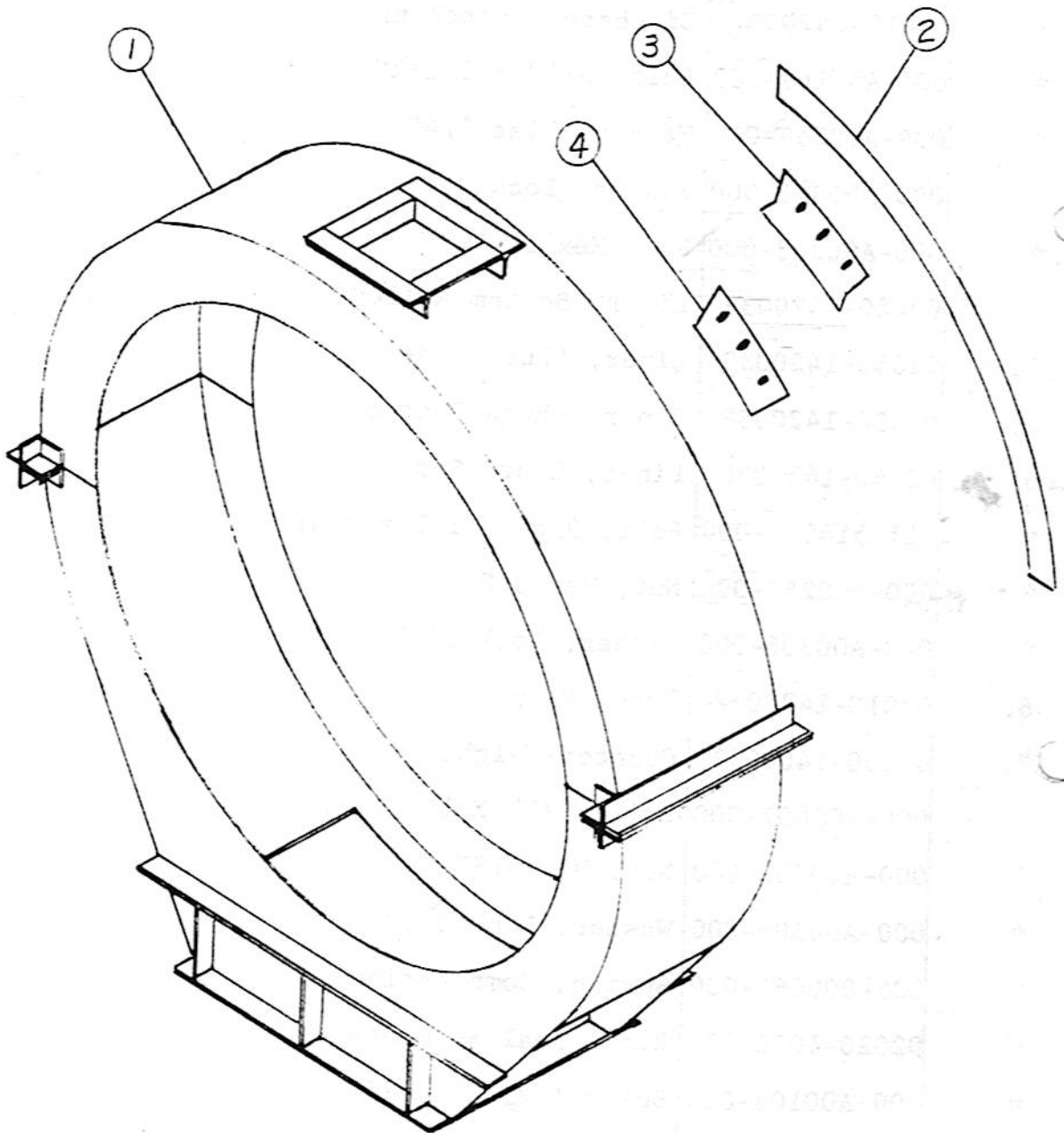
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1420035	Discharge Breeching		
1.	01010-1420037	Discharge Breeching	1	
*	000-A00169-000	Bolt, 3/4" X 2 1/2"	8	
*	000-A00299-000	<i>WASHER</i> Washer, Flat 3/4"	8	
*	000-A00311-000	Washer, Lock 3/4"	8	
*	000-A00263-000	Nut, Hex 3/4"	8	
2.	02020-1420038	Liner, Bottom Rolled	1	
3.	02050-1420038	Liner, Chute Side	1	
4.	02030-1420038	Liner, Chute Bottom	1	
5.	02040-1420038	Liner, Chute Side	1	
*	311-514021-000	Bolt, 3/8" X 1 Flathead	20	
*	000-A00258-000	Nut, Hex 3/8"	20	
*	000-A00306-000	Washer, Lock 3/8"	20	
6.	02010-1420037	Gate, Flop	1	
7.	01050-1400033	Counter-Weight	1	
*	000-A00057-000	Bolt, 3/8" X 1"	8	
*	000-A00258-000	Nut, Hex 3/8"	8	
*	000-A00306-000	Washer, Lock 3/8"	8	
8.	325-000061-000	Spring, Compression	16	
9.	02020-1030327	Ring, Seal Segments	8	
*	000-A00103-000	Bolt, 1/2" X 1 1/2"	24	
*	000-A00296-000	Washer, 1/2" Flat	24	
*	000-A02042-000	Nut, 1/2" Lock	24	
		* Not Shown		

CMI CORPORATION



DWG. A3-25

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DWG. NO. A3-15-4

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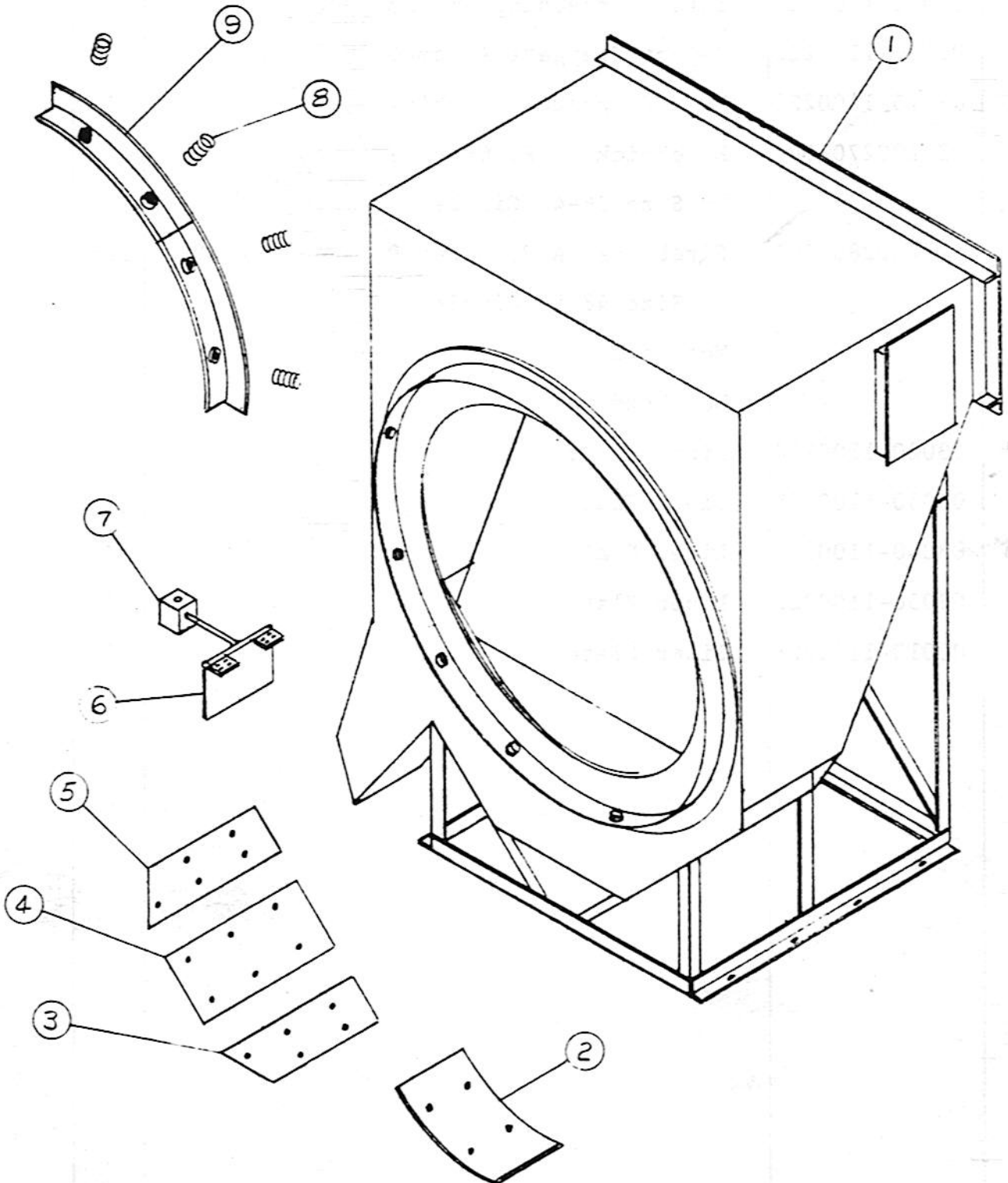
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01011-1420030	<i>As per work</i> Drum Mixer Intake and Furnace <i>to stone</i>		
1.	01011-1100227	<i>CSA to HORN</i> Intake Breaching and Furnace	1	
2.	02100-1100228	<i>ESLUSA Components</i> Reject Flapgate Assembly	1	
3.	02170-1100228	Main Flapgate Assembly	1	
4.	322-200270-000	Firebrick, A.P. Green 9" x 4½" x 4" Size 36-45 Circle	126	
	322-200280-000	Firebrick, A.P. Green 9" x 4½" x 4" Size 48-57 Circle	126	
5.		Not Used		
6.		Not Used		
7.	03020-1100228	Liner Plate	1	
	03030-1100228	Liner Plate	1	
	03040-1100228	Liner Plate	1	
8.	03050-1100228	Liner Plate	1	
9.	03010-1100228	Liner Plate	1	

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DWG. A3-24

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DWG. NO. A1-30-11

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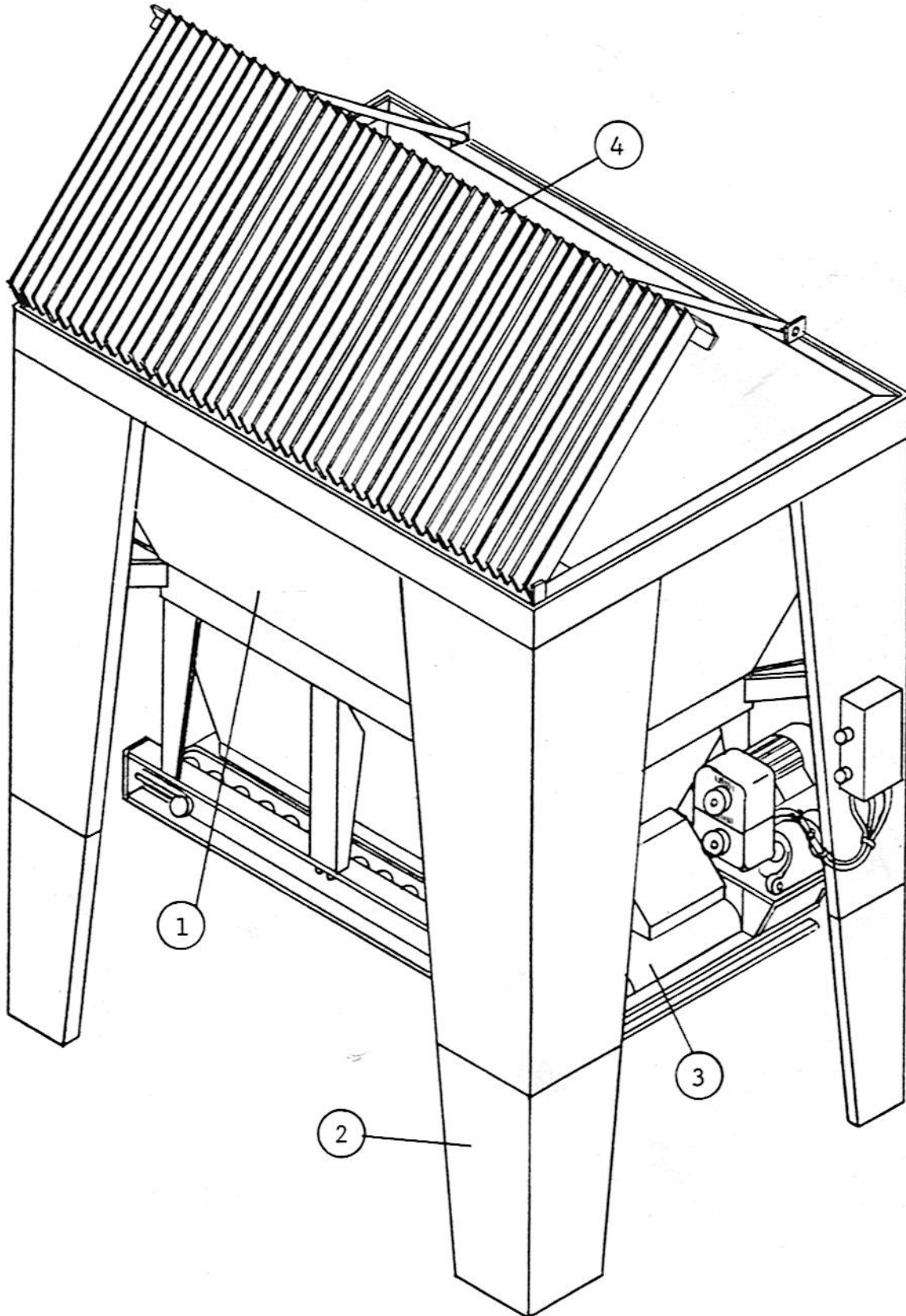
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	-1012365	<i>shinetsu</i> 25 Ton Feeder Bin with Grizzly <i>DEPSON</i> <i>crabs</i>		
1.	01010-1012367	Bin, Feeder, 16 Ton	1	
2.	02020-1012367	Leg Extension	4	
3.	02011-1012430	Belt, Feeder Assembly	1	
	-1012565	Power Unit, 3 HP	1	
4.	04010-1012370	Grizzly, Scalping, Assembly R.H.	1	
*	02010-1011117	Switch, Flow, Vibrator	1	
*	10010-1012227	Extension, Bin	1	
*	000-A00142-000	Bolt, 5/8" x 1"	160	
*	000-A00310-000	Lockwasher, 5/8"	160	
*	000-A00169-000	Bolt, 3/4" x 2 1/2"	12	
*	000-A00311-000	Lockwasher, 3/4"	12	
*	000-A00263-000	Nut, Hex, 3/4"	12	
		*Not Shown		

CMI CORPORATION



DWG. A1-30

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CMI CORPORATION



DWG. NO. B1-33-19

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REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01011-1012420	24" x 55' -0" Portable Conveyor		
	-1012420	Power Unit, 15 H.P.50 Hz.		
1.	307-008120-000	Self-Cleaning Tail Pulley, 12" x 26"	1	
2.	01020-1012284	Tail Shaft, 1 15/16" Dia.	1	
3.	307-007080-000	Return Idler, 24" 1410 H.R.	6	
4.	307-007060-000	Troughing Idlers, 24" 1402	16	
5.	303-000200-000	Bearing, P3-U231 H	2	
6.		Return Idler Hangers	12	
7.	-1012282	24" x 55' -0" Conveyor Frame, Truss Type	1	
8.	307-000010-060	24" Conveyor Belting	112.6	Feet
9.	308-017124-100	Reducer, Dodge TDT-515 2 15/16" Bore	1	
	308-018455-000	Bushing, TAD-5 2 11/16" Dia.	1	
10.	308-023902-100	Sheave, 3V3GR6.9 QD	1	
	308-006900-230	Bushing, SDS-1 15/16" Bore QD	1	
11.	308-023902-020	Sheave, 3V3GR5.3 QD	1	
	308-006900-140	Bushing, SDS-1 3/8" Bore QD	1	
12.	308-020600-370	V-Belt, 3V710	3	
13.	07010-1012282	Belt Drive Guard	1	
14.	316-000300-000	Motor, 15HP Electric, 1800 RPM, 460 Volt, 254T, Frame. For 1500 RPM, 380V. 50Hz, 3ph.	1	
15.	308-018554-000	Mount, Motor, TA-5	1	
16.	01040-1012284	Head Shaft, 2 11/16" Dia.	1	
17.	307-008050-000	14" x 26" Lagged Head Pulley	1	

CMI CORPORATION



DWG. NO. B1-33-19

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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

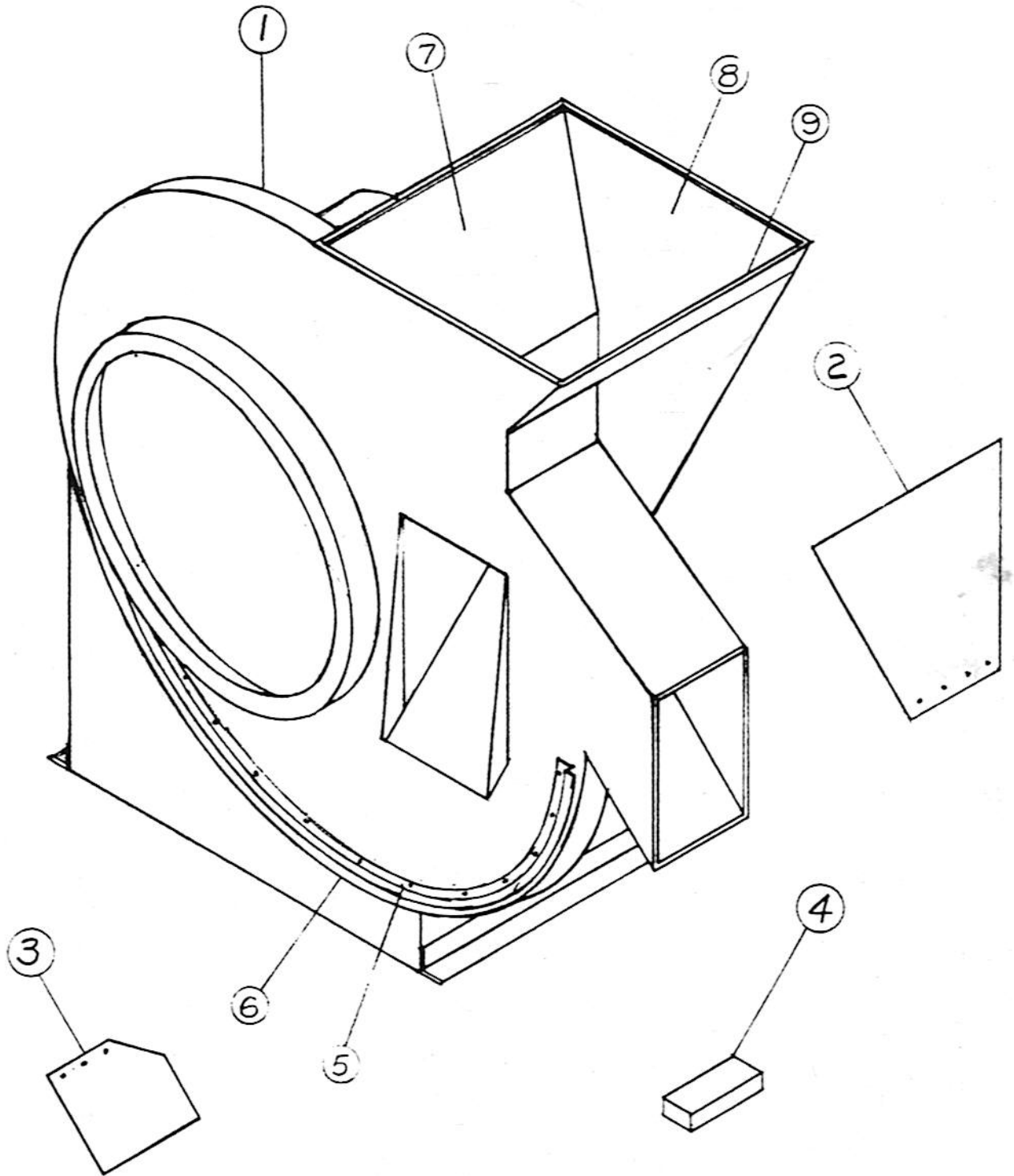
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. N
18.	01010-1012610	Scraper, Belt	1	
19.	307-000041-000	Fastener, Belt E-1 (box)	1	Flexco
20.	303-016290-000	Bearing, Flanged F-243	2	Link-B
21.	302-002790-100	Mud Flaps	2	
22.	302-003020-000	Spring, Seats, SD-1162-1	4	
23.	302-004270-000	Tires, 10:00 x 20, Tube and Flap	2	
	302-004770-000	Wheel with Lock Ring	2	
24.	302-000760-040	Axle, 84" Track, A15-NS-LW10	1	
*	04010-1012282	Conveyor Hopper	1	
*	323-150030-000	Scale, Conveyor, 10-20-21	1	Rams
*	323-150020-200	Belt, Sensor, 60-12	1	Ramsey
*	06010-1012282	Block, Bearing Adapter	1	
*	06060-1012282	Block, Bearing Adapter	1	
*	03010-1012275	Take-Up, Gravity	1	
*	01012-1012275	Guard, Wind	1	
**	01010-1012375	Hopper, Recycle	1	
		*Not Shown		
		**Use on Recycle Conveyor ONLY		

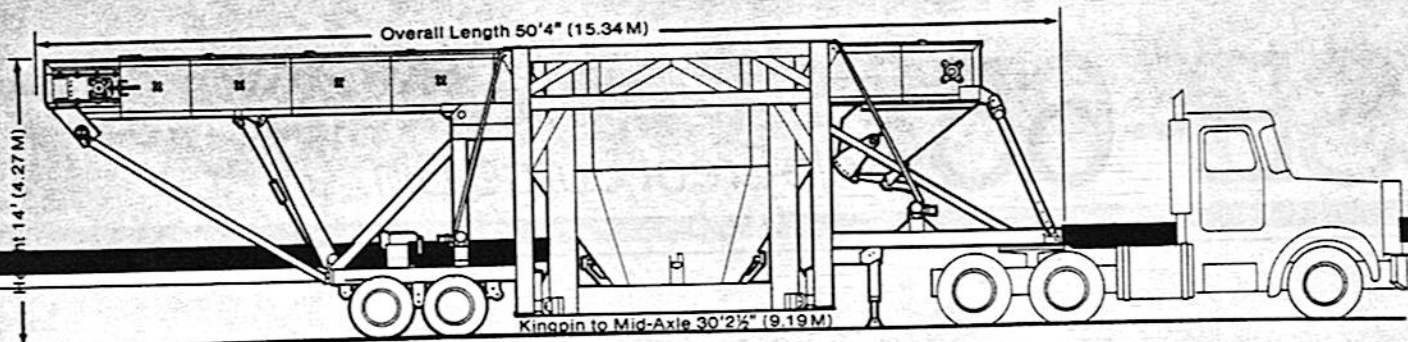
CMI CORPORATION

DWG. NO. A1-37-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-1012610	Belt Scraper (24")		
1.	01080-1012613	Scraper, Belt	1	
2.	000-A00256-000	Nut, Hex 1/4" -20	4	
3.	000-A00304-000	Washer, Lock 1/4"	4	
4.	000-A00292-000	Washer, Flat 1/4"	4	
5.	01070-1012613	Spacer, Bevel	4	
6.	000-A00275-000	Nut, Jam 3/4" -10	8	
7.	000-A00299-000	Washer, Flat 3/4"	6	
8.	01050-1012613	Screw, Spring 3/4" -10	2	
9.	002-008410-013	Spring	2	
10.	01010-1012612	Holder, Scraper	1	
11.	000-A00011-000	Bolt, 1/4" -20 x 2 1/4"	4	
12.	01060-1012613	Plate, Clamp	1	





Electrical

Electrical components on the silo are wired to tie-in points close to the ground. Switchgear for the motors is included and prewired. Panels contain all relays, timers, breakers and starters. Controls are wired in accordance with National Electrical Code. Any special wiring required to conform to local codes to be furnished by the purchaser. Standard voltage is 460. Standard line starters are "across-the-line".

Portability

Unit portability includes double axle running gear with 10:00 x 20" (50.80 cm) tires; kingpin; air brakes; brake, turn and

running lights and mudflaps.

SE-652

Conveyor...20" (50.80 cm) x 34" (86.36 cm) set at 50°. Driven by 20 HP, 3ph/60Hz/460v, ODP motor and gear reducer. 30 HP drive motor available for higher tonnage requirement. Removable top covers. Self-supporting from the ground to upper support. Capacities to 300 TPH. Flights...7" (17.78 cm) attached to steel off-set link chain. Bottom lined with 1/2" (1.27 cm) wearplate.

SE-653

Conveyor...26" (66.04 cm) x 34" (86.36 cm) set at 50°. Driven by 40 HP, 3ph/60Hz/460v, ODP

motor and gear reducer. 50 and 60 HP drive motor available for higher tonnage requirements. Removable top covers. Self-supporting from the ground to upper support. Capacities to 600 TPH (depending on speed settings, motor sizes and type of plant). Flights...7" (17.78 cm) attached to two steel off-set link chains. Bottom lined with 1/2" (1.27 cm) wearplate.

All information contained herein is general in nature and is not intended for specific application purposes. CMI reserves the right to make changes in specifications shown herein or add improvements at any time without notice or obligation. Illustrations show standard and optional items.

Este es el Silo



CMI CORPORATION

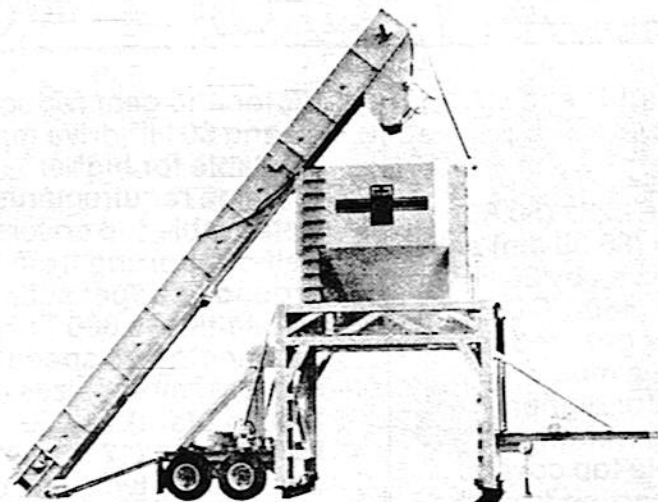
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(405) 787-6020 / Telex: 74-7172

Litho U.S.A.
Mo. SE ss 2.5M 10/80
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Model - S E - 653

SE-65

Self-Erect Surge Bin



Features

- High volume capacity... for use with any UDM, PDM or SDM set-up
- Highly portable... unit includes complete running gear
- Self-erecting... all necessary lifting and leveling winches replace the use of a crane
- Complete system... equipped with slug feeder, prewired controls and electrical components for switch gear, silo loading/unloading, air compressor, slat conveyor and hydraulic lifting system.

shaped bin and cone with a useful volume of 65 tons rated at 120 lbs./cu. ft. Dimensions are 10'-3 1/8" (3.13M) x 13'-9" (4.19M) x 6'-0" (1.83M) deep. High and low level indicators are included as standard equipment.

Cone

The cone section is an integral part of the tank and is constructed of heavy steel plate. A 4'-7 3/4" (1.4M) x 3'-0" (0.91M) discharge opening, gate operated by one 4" (10.16 cm) air cylinder and fill level indicators to automatically control batching.

Slug Feeder

A slug feeder minimizes mix segregation. The slug feeder is equipped with 1'-2 1/2" (0.37M) x 3'-0" (0.91M) discharge opening, gate operated by one 4" (10.16 cm) air cylinder and fill level indicators to automatically control batching. Slug feeder is mounted on drag chain.

Self-Erect System

This feature consists of a 12 HP gasoline engine, a 13.6 GPM (85.8 x 10⁻⁰⁵m³/s) hydraulic pump and 40 qt. (378.54 x 10⁻⁰¹m³) oil reservoir, necessary control and leveling valves that operate hydraulic winches and cables to raise the silo and drag conveyor into the erected position or lower the silo and drag conveyor back into the travel position.

Lubrication

Drag conveyor idler shaft bearings have a central lubrication point with easy access from ground level.

Specifications

Tank

An elongated octagon-



CMI CORPORATION

DWG. NO. B50-11-7

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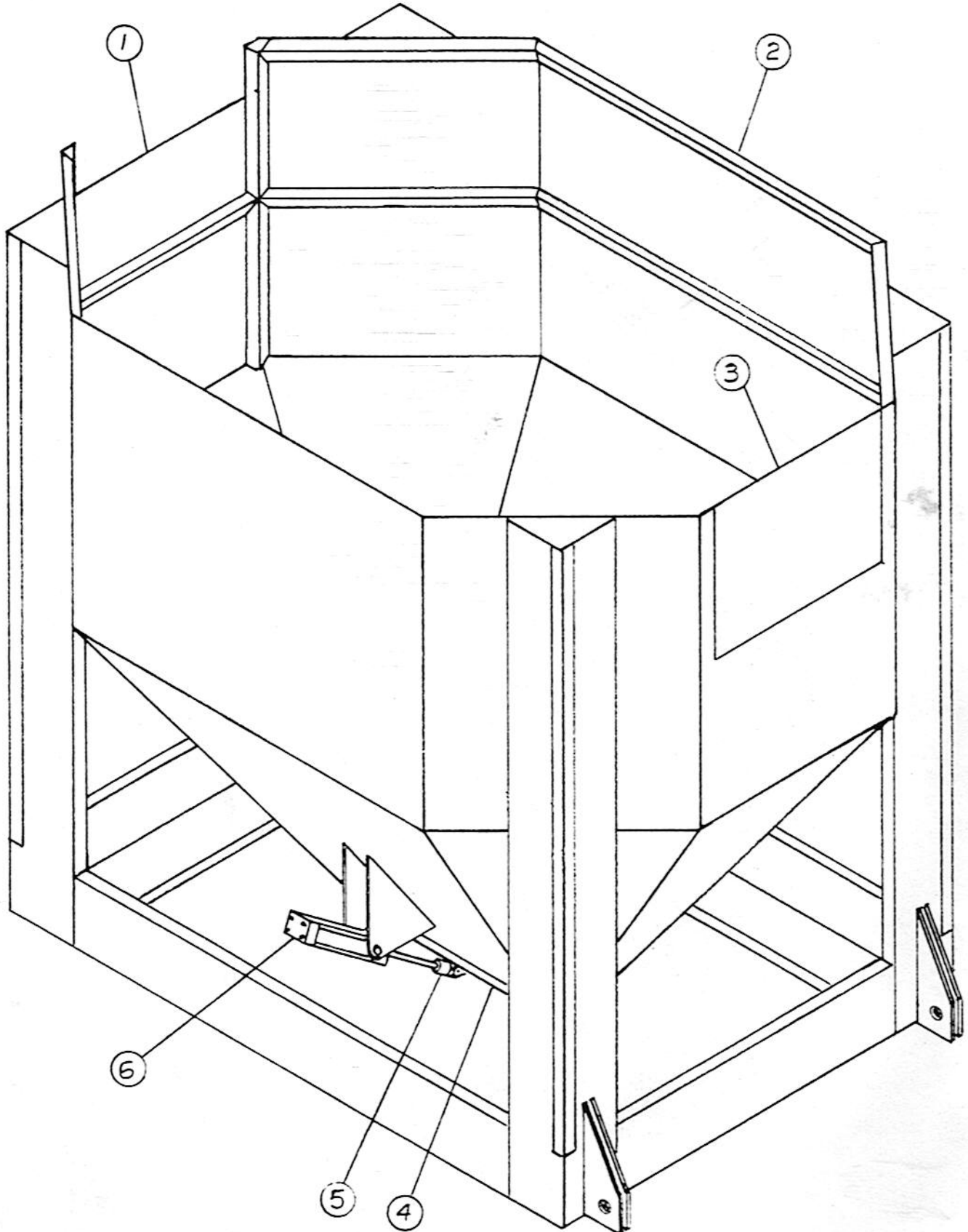
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		Drum Mixer, UDM 1200 With Recycle		
1.	01011-1420100	Drum Assembly	1	
2.	01011-1420020	Main Frame	1	
3.	-1420025	Burner Assembly	1	
4.	01011-1420030	Furnace and Intake Breeching	1	
5.	01010-1420035	Discharge Breeching	1	
6.	01010-1420175	Trunnion Roller Assembly,	2	
7.	01010-1420175	Trunnion Roller Assembly,	2	
8.	03010-1420045	Air Washer, 7' Dia. x 11'	1	
9.	02011-1420045	Air Duct	1	
10.	-1420050	Fan Drive Assembly	1	
11.	01010-1420055	Support Leg Assembly	1	
12.	01010-1420075	Suspension System	1	
13.	-1460450	Chain Drive Assembly	1	
14.	01010-1420070	Chain Oiler Assembly	1	
15.	01010-1420085	Breeching Recycle	1	
*	01010-1080140	Guide Roller Assembly	1	
*	02010-1182540	Stack, Exhaust	1	
		*Not Shown		

CMI CORPORATION



DWG A301-37

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



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DWG. NO. A301-37-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

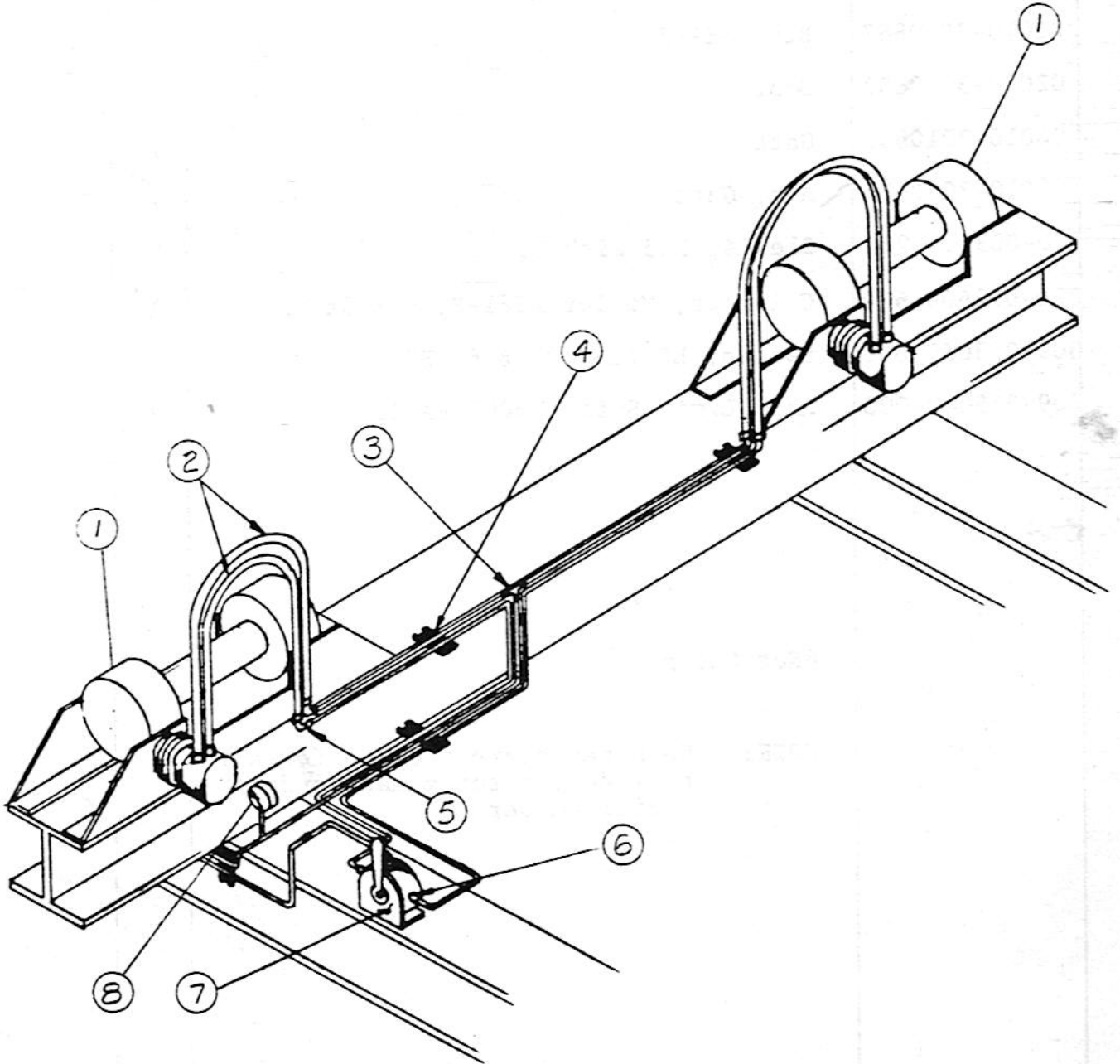
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-3010885	S E Bin Assembly		
1.	02040-3010887	Door	1	
2.	01010-3010887	Bin, SE-65	1	
3.	02030-3010887	Door	1	
4.	04010-3010862	Gate	1	
	03010-3010887	Arm, Gate	2	
5.	320-003200-250	Clevis, Rod with Pin	1	
6.	320-002606-600	Cylinder, Miller AJ81-B, 6 x 16	1	
*	309-053050-000	Switch, Limit 9007 B 62 B2	2	
*	309-055040-000	Arm, Limit Switch 9007 EA 11	2	
		*Not Shown		
		NOTE: When parts are ordered for air cylinder, specify make and serial number.		

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DWG A301-33

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DWG. NO. A301-38-

REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

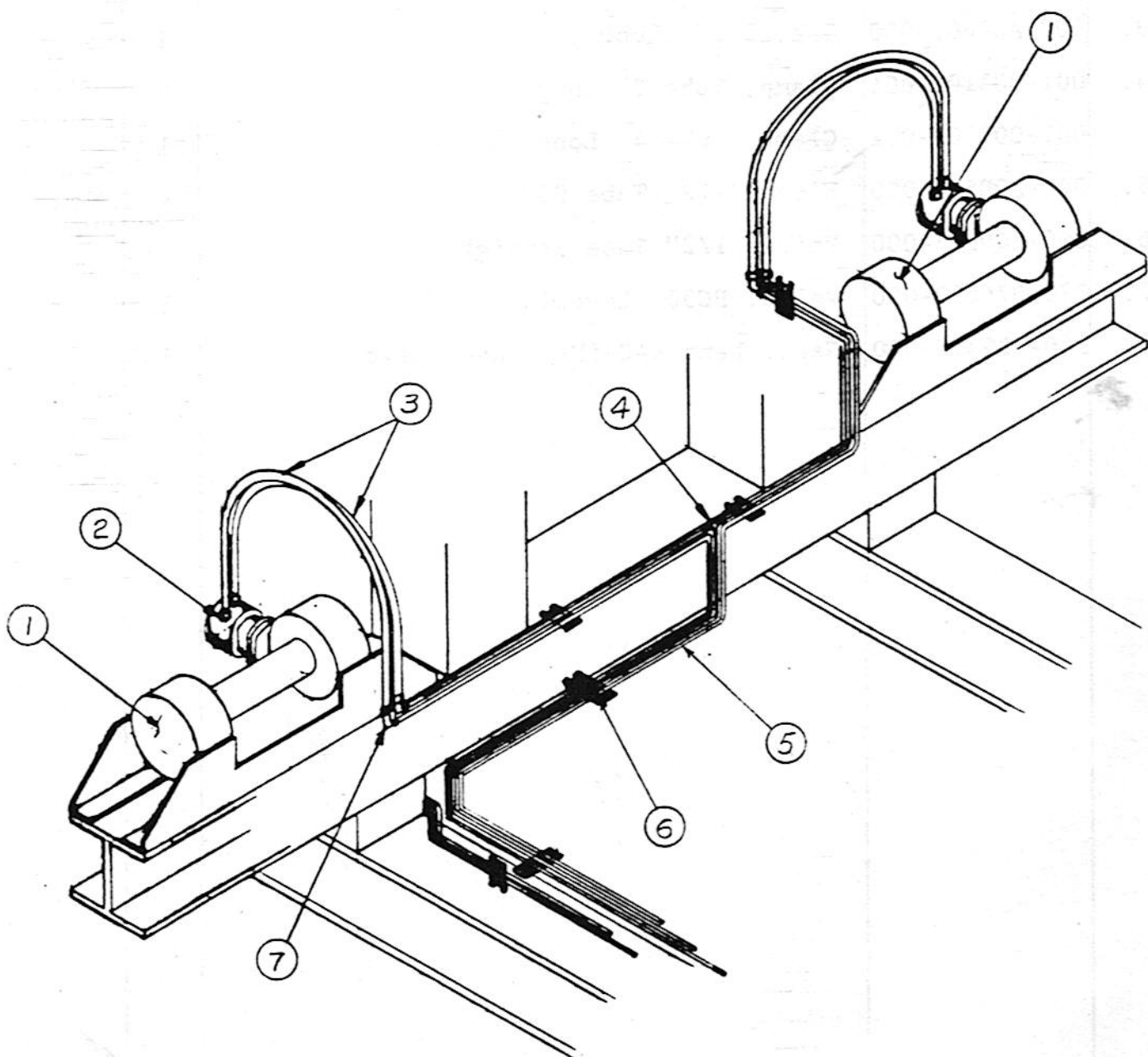
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
1.	.	SE Hydraulic Piping (Front) Hoist, Ramsey HR8A Winch	2	
2.	002-001603-000	Hose, Hydraulic 1/2" x 36"	4	
3.	000-A00608-000	Tee, 1/2" Tube	1	
4.	001-003103-001	Clamp, Tube 2" Long	3	
	001-003103-002	Clamp, Tube 4" Long	1	
5.	000-A00564-000	Elbow, 1/2" Tube 90°	4	
6.	000-A00517-000	Union, 1/2" Tube Straight		
7.	320-076050-000	Valve, PG300 Leveling	1	
8.	320-029310-000	Gage, Lenz BAC-5M-25 Hydraulic	1	

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DIAG A301-39

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



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DWG. NO. A301-39-1
REV.

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

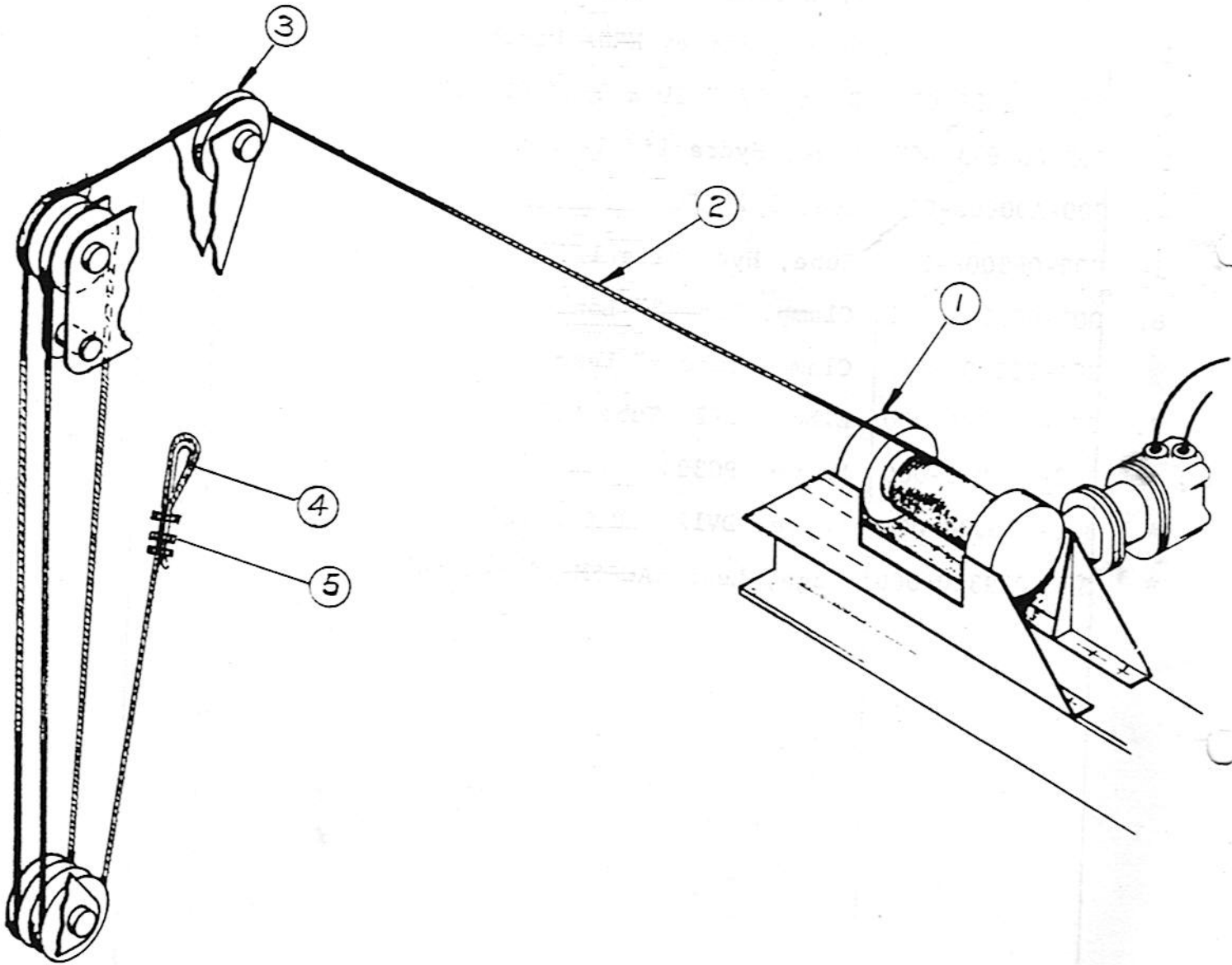
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		SE Hydraulic Piping (Rear)		
1.		Hoist, Ramsey HR&A Winch	2	
2.	000-A02686-000	Ring, 1/2" ID x 5/8" OD "0"	4	
3.	002-001603-000	Hose, Hydraulic 1/2" x 36"	4	
4.	000-A00608-000	Tee, 1/2" Tube	1	
5.	000-068006-00R	Tube, Hydraulic 1/2"		
6.	001-003103-001	Clamp, Tube 2" Long	3	
	001-003103-002	Clamp, Tube 4" Long	2	
7.	000-A00564-000	Elbow, 1/2" Tube 90°		
*	B02-076050-000	Valve, PG300 Leveling	2	
*	B20-076030-000	Valve, DV120-OD Control	3	
*	B320-029310-000	Gage, Lenz BAC-5M-25 Hydraulic	2	
		*Not Shown		

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DWG A301-40

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DWG. NO. A301-40-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

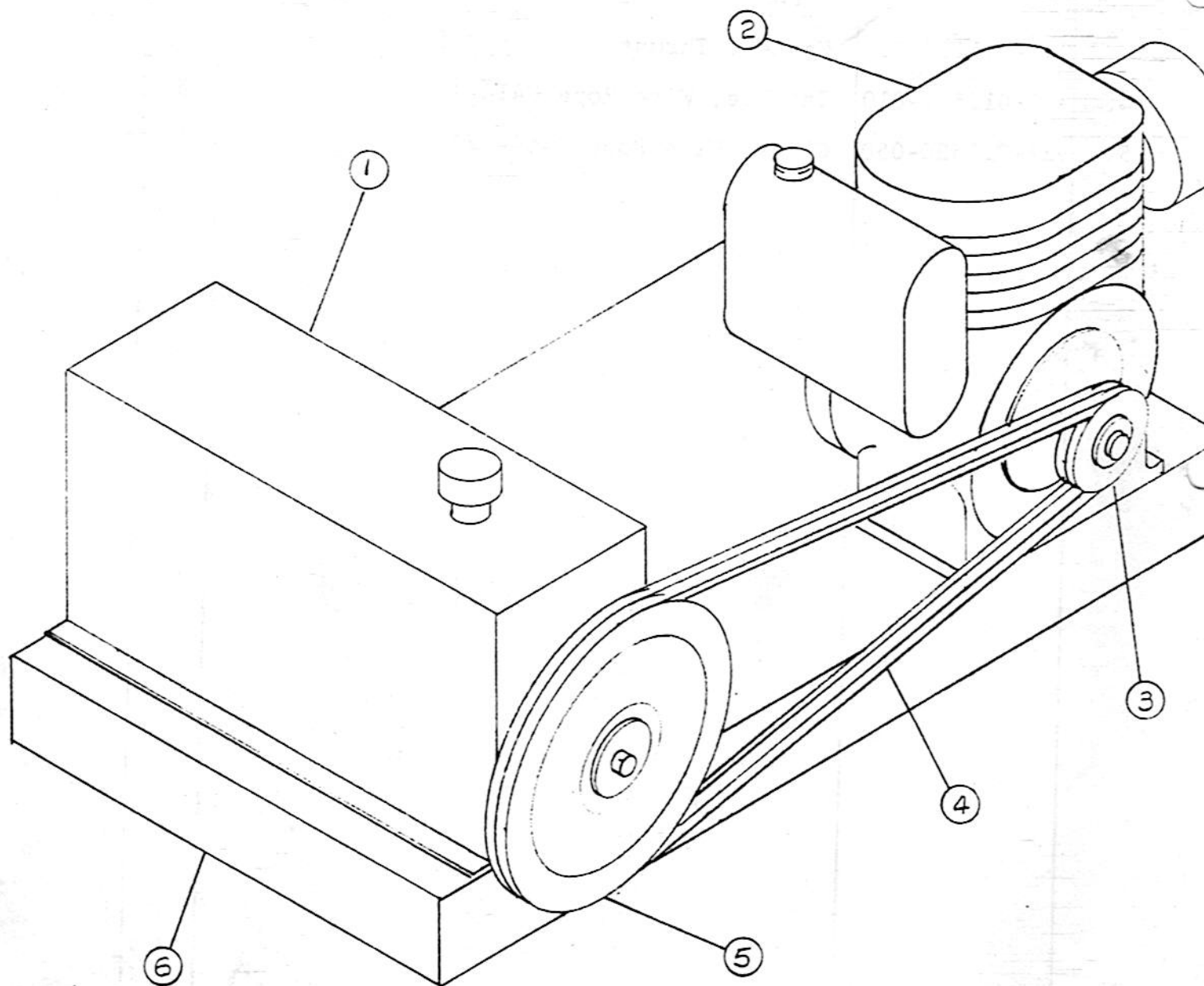
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		SE Hydraulic Hoist		
1.	327-016020-000	Hoist, Hydraulic Winch HR8A	4	
2.	327-12520-050	Rope, Wire 3/8" (400 ft.)	1	
3.	02130-3010888	Sheave	20	
	303-011130-000	Bushing, Bronze 1 15/16" x 2 7/16" x 1" Long	20	
	303-011130-010	Washer, Thrust	40	
4.	327-012541-010	Thimble, Wire Rope G414-12"	5	
5.	327-012520-050	Clips, Wire Rope G450-3/8"	15	

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DWG A301-41

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DWG. NO. A301-41-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

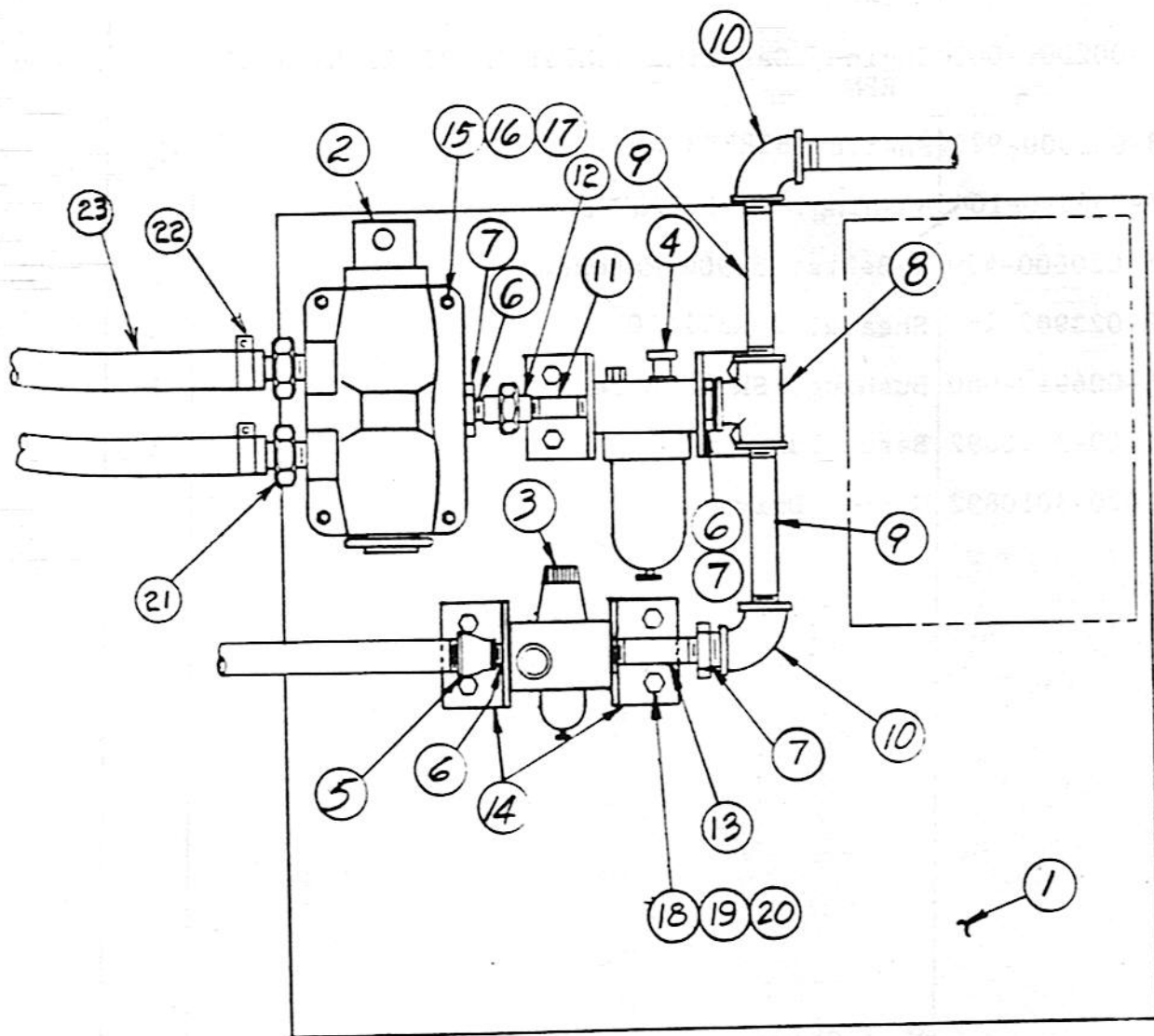
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	04010-3010890	Hydraulic Pump Assembly		
1.	320-076020-000	Pump, Hydraulic with 40 Quart Reservoir Tank	1	
2.	328-002000-000	Engine, Gasoline Kohler K301R 12 HP 3600 RPM	1	
3.	308-023900-920	Sheave, 3SH3V3.65	1	
	308-006890-100	Bushing, SH 1 1/8" Bore	1	
4.	308-020600-450	V-Belts, 3V900 Matched	3	
5.	308-023902-160	Sheave, 3SK3V14.0	1	
	308-006910-080	Bushing, SK 1" Bore	1	
6.	01010-3010892	Base, Pump	1	
*	01020-3010892	Guard, Drive	1	
		*Not Shown		

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DWG. A301-44

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DWG. NO. A301-44-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

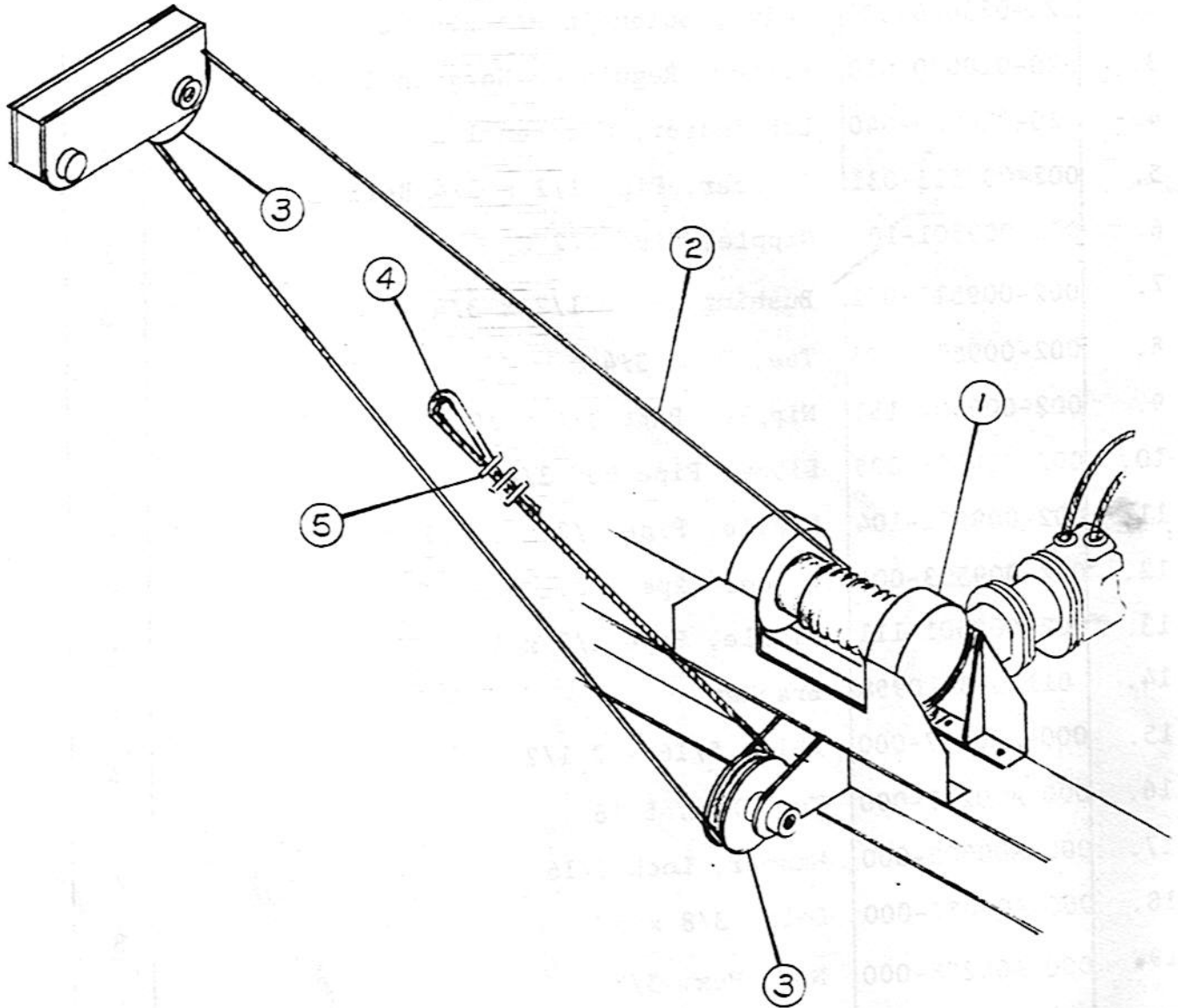
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	03010-3010875	Pneumatic Panel		
1.	01080-3010958	Panel	1	
2.	320-023020-500	Valve, Solenoid AAA S06-OL	1	
3.	320-010020-010	Filter, Regulator Norgren 1/2"	1	
4.	320-010020-040	Lubricator, Norgren 1/2"	1	
5.	002-009515-031	Reducer, Pipe 1/2 x 3/4 Bell	1	
6.	002-009501-103	Nipple, Pipe 1/2 Close	3	
7.	002-009511-022	Bushing, Pipe 1/2 x 3/4	3	
8.	002-009514-005	Tee, Pipe 3/4	1	
9.	002-009501-151	Nipple, Pipe 3/4 x 10	2	
10.	002-009508-005	Elbow, Pipe 90° 3/4	2	
11.	002-009501-104	Nipple, Pipe 1/2 x 1 1/2	1	
12.	002-009503-004	Union, Pipe 1/2	1	
13.	002-009501-111	Nipple, Pipe 1/2 x 5	1	
14.	01110-3010958	Bracket	4	
15.	000-A00037-000	Bolt, 5/16 x 2 1/2	4	
16.	000-A00257-000	Nut, Hex. 5/16	4	
17.	000-A00305-000	Washer, Lock 5/16	4	
18.	000-A00057-000	Bolt, 3/8 x 1	8	
19.	000-A00258-000	Nut, Hex. 3/8	8	
20.	000-A00306-000	Washer, Lock 3/8	8	
21.	001-079884-000	Nipple, 3/4 Pipe to 3/4 Hose	4	
22.	001-003128-000	Clamp, Hose	4	
23.	000-068103-00R	Hose, 3/4 Air	7 Ft.	

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DWG. A301-54

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



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DWG. NO. A301-54-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		SE Hydraulic Hoist, Drag Conveyor		
1.	327-016020-000	Hoist, Hydraulic Winch HR8A	1	
2.	327-012520-050	Rope, Wire 3/8" (Ft.)	1	
3.	02130-3010888	Sheave	2	
	303-011130-000	Bushing, Bronze 1 15/16" x 2 7/16" x 1" Long	2	
	303-011130-010	Washer, Thrust	4	
4.	327-012541-010	Thimble, Wire Rope G414-1/2"	1	
5.	327-012551-500	Clips, Wire Rope G450-3/8"	3	

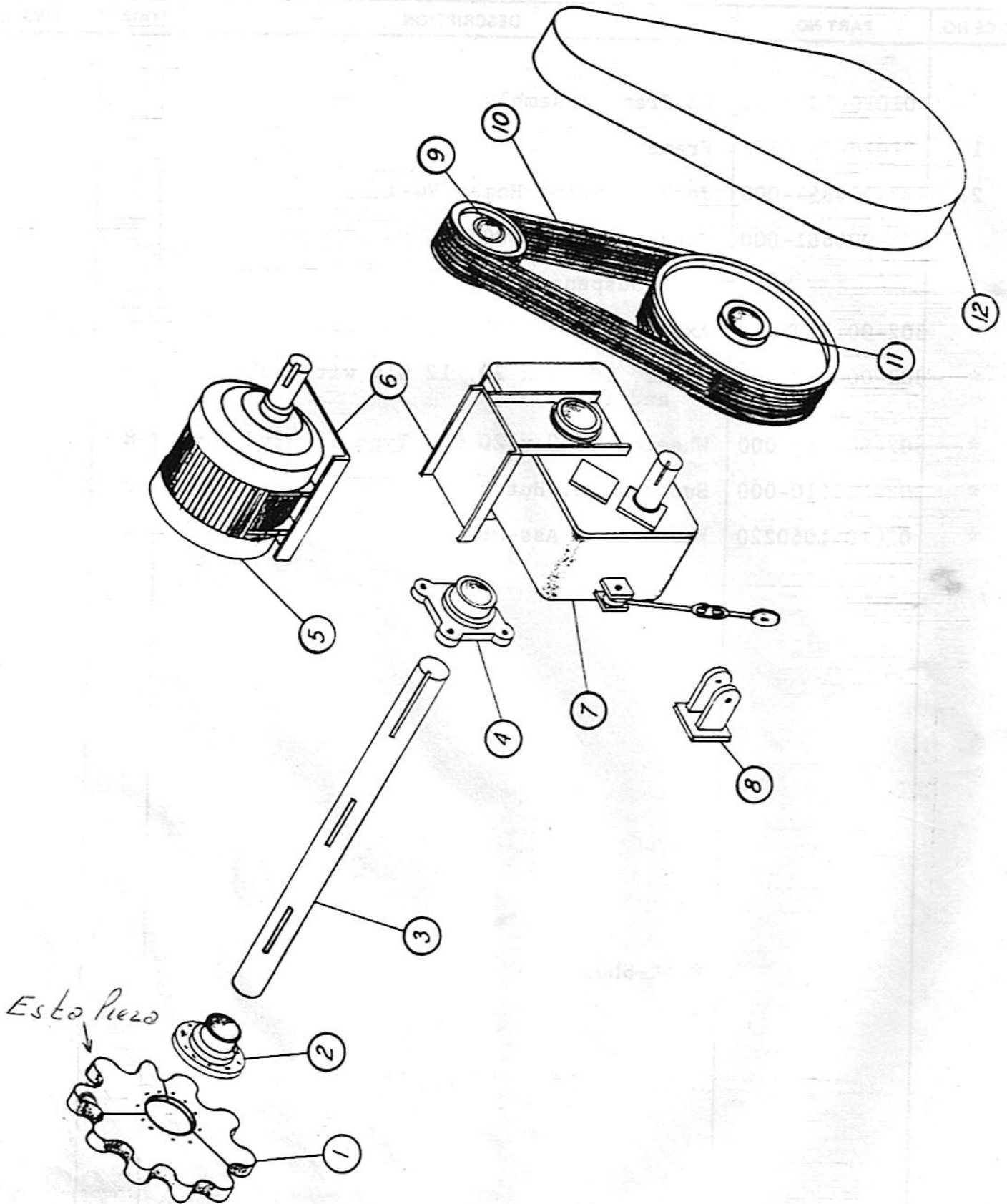
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DWG. NO. B301-14-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-3010880	SE Frame Assembly		
1.	01010-3010882	Frame	1	
2.	302-004854-000	Jack, Landing Homan VG-1	2	
	302-004861-000	Crank, Hand 29-00584	2	
3.		Axle Suspension		
*	302-001810-000	Axle, A22T-FC-70DW10, 94 Track	2	
*	302-004270-000	Tires, 10:00 x 20, 12 ply with tube and flaps	8	
*	302-004770-000	Wheels, 7:50 x 20 Bud Type 10 Stud	8	
*	302-002510-000	Suspension, Hutch 7700 Tandem	1	
*	02010-1060220	Brake, Air Assembly	1	

*Not Shown



CMI CORPORATION



DWG. NO. A304-3-74

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

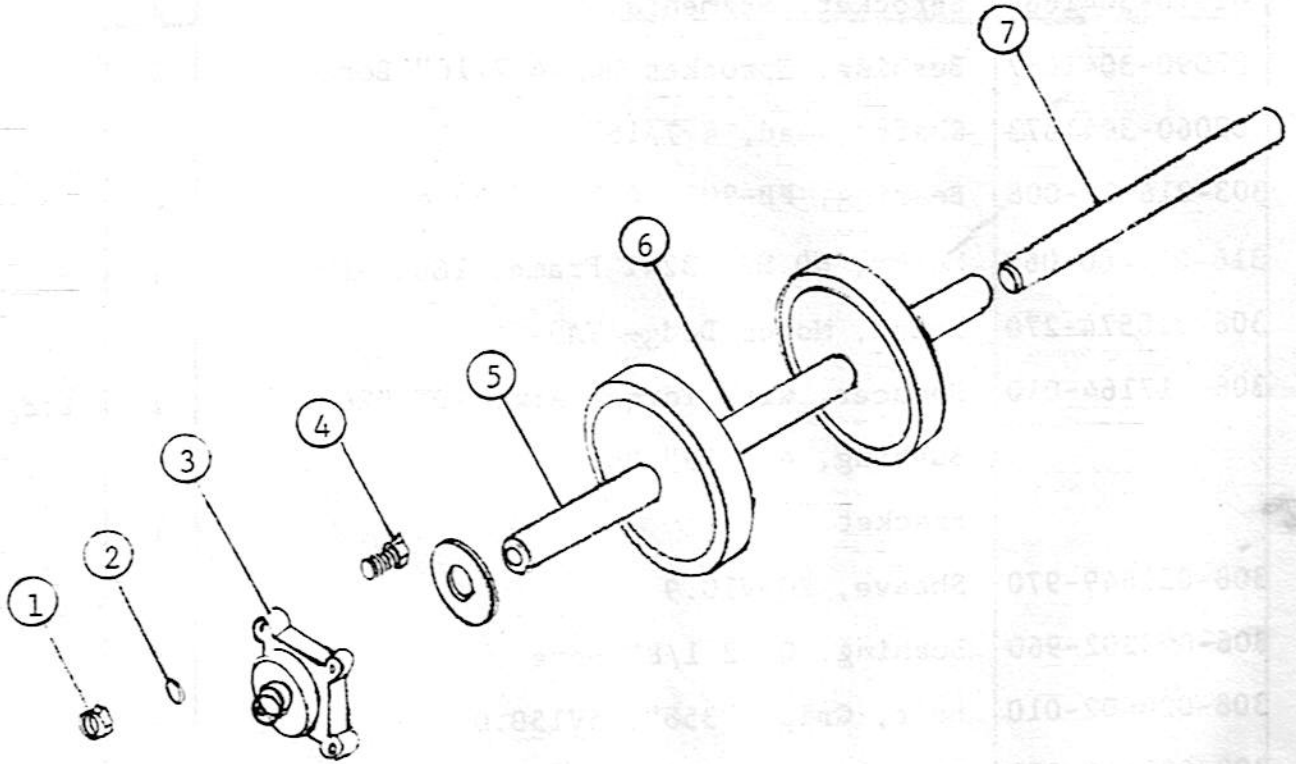
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01030-3041795	SE Drag Chain Drive and Head Shaft		
	02010-3041765	Power Unit		
1.	<u>01010-3041669</u>	<u>Sprocket, Segmental</u> ←	2	
2.	02090-3041667	Bushing, Sprocket Hug 4 7/16" Bore	2	
3.	02060-3041873	Shaft, Head, 4 7/16"	1	
4.	303-016020-008	Bearing, FB-900, 4 7/16" Bore	2	
5.	316-000460-060	Motor, 40 HP, 324T Frame, 1800 RPM	1	
6.	308-018574-270	Mount, Motor Dodge TA9	1	
7.	308-017164-010	Reducer, with Torque Arm, TDT-926	1	Dodge
		Bushing, 4 7/16" Bore	1	
8.		Bracket	1	
9.	308-021649-970	Sheave, 2Q5V10.9	1	
	308-003202-960	Bushing, Q1 2 1/8" Bore	1	
10.	308-020602-010	Belt, Grip, "358", 5V150.0	2	
11.	308-021649-978	Sheave, 2R5V28.0	1	
	308-003204-540	Bushing, R1 2 7/16" Bore	1	
12		Not Used		

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DWG A304-21

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DWG. NO. A304-21-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

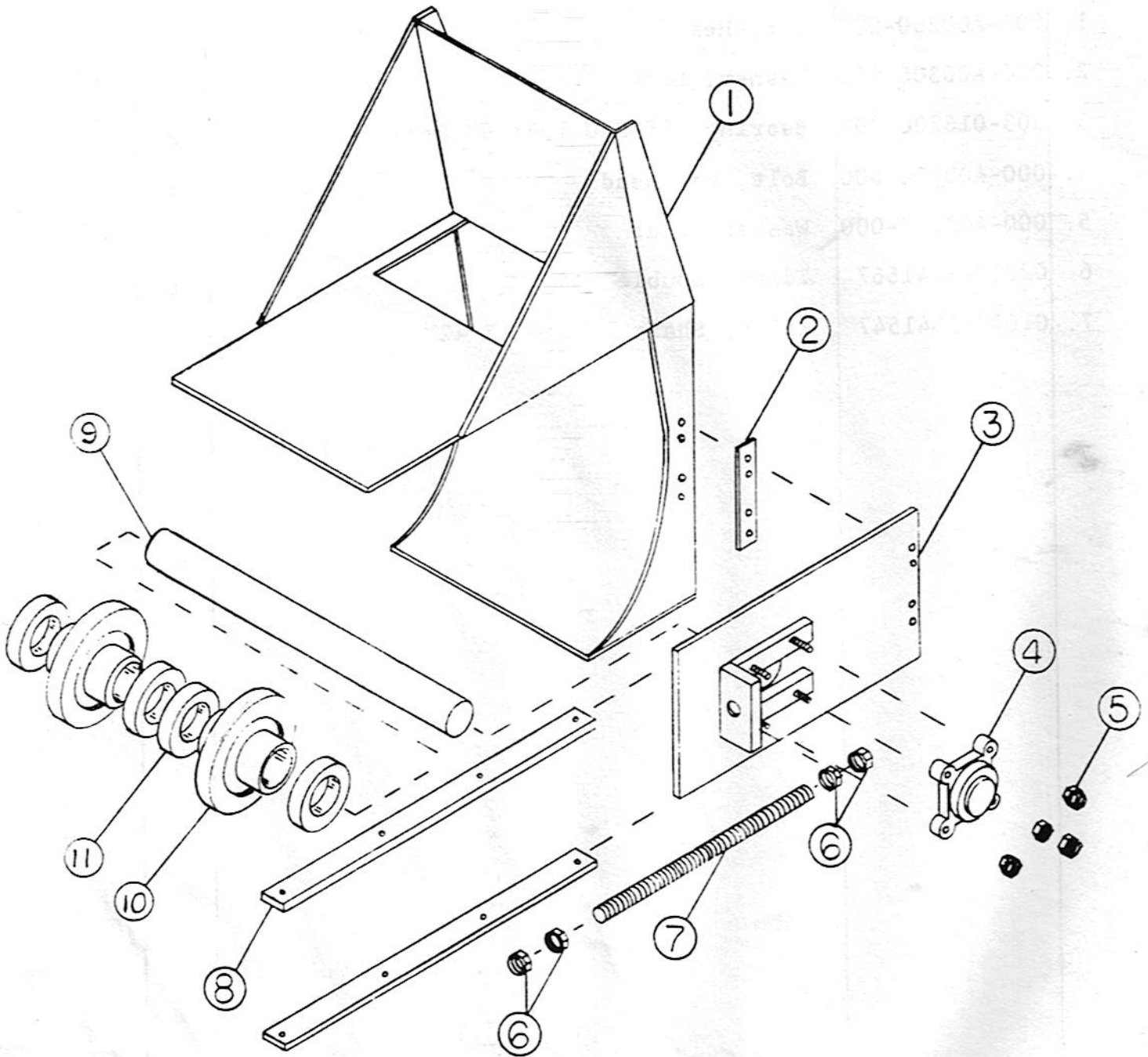
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		Idler Assembly (Double Chain)		
1.	000-A00260-000	Nut, Hex	8	
2.	000-A00308-000	Washer, Lock	8	
3.	303-016200-000	Bearing, FB-220 1 7/16" Bore	2	
4.	000-A00103-000	Bolt, Hex Head	8	
5.	000-A02247-000	Washer, Flat	2	
6.	02010-3041667	Idler, Double	1	
7.	01070-3041547	Idler, Shaft 1 7/16" X 42"	1	

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DWG. A304-22

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DWG. NO. A304-22-2

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

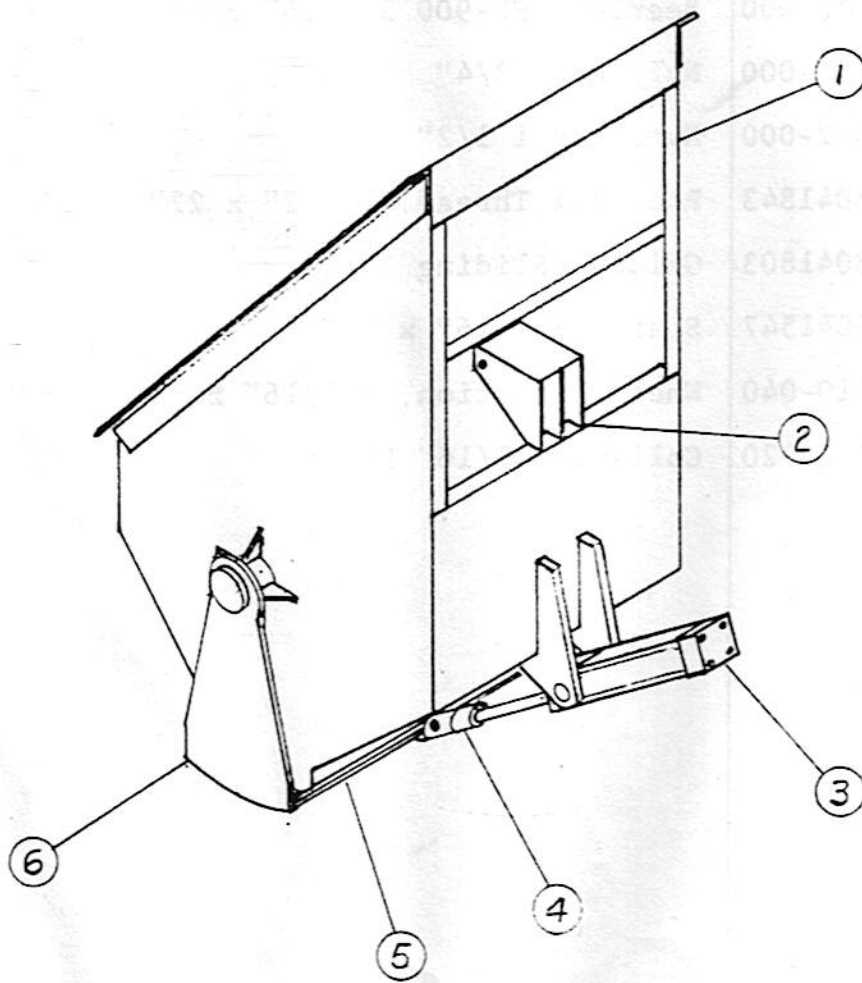
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
		Take-Up Assembly, SE Series, Double Chain		
1.		Hopper, Sliding (See B304-9)		
2.	03010-3041803	Spacer	2	
3.	02050-3041877	Plate, Sliding	2	
4.	303-016020-000	Bearing, FB-900 3 7/16" Bore	2	
5.	000-A00263-000	Nut, Hex, 3/4"	8	
6.	000-A03092-000	Nut, Hex 1 1/2"	8	
7.	02090-3041843	Rod, All Thread, 1 1/2" x 27"	2	
8.	03160-3041803	Guides, Sliding Plate	4	
9.	02130-3041547	Shaft, 3 7/16" x 48"	1	
10.	308-034010-040	Wheel, Traction, 3 7/16" Bore	2	
11.	303-006000-920	Collar, 3 7/16" Bore	4	

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DWG A304-23

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DWG. NO. A304-23-1

P.O. Box 1985 Oklahoma City, Oklahoma 73101 (406) 787-8020 Telex: 74-7172

REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-3041785	Slug Feeder Assembly		
1.	01010-3041787	Slug Feeder	1	
2.	-3041788	Level Indicator	1	
	309-053050-000	Switch, Limit 9007 B62B2	2	
	309-055040-000	Arm, Limit Switch 9007 EA11 3" Long	2	
3.	320-002600-850	Cylinder, Miller 4 x 16 (AJ 31-B)	1	
4.	320-003200-050	Clevis with Pin for 1" Rod	1	
5.	01020-3041787	Gate	1	
6.	01030-3041787	Gate Arm	2	
*	320-023020-400	Valve, AAA S04-0L	1	

*Not Shown

Note: When parts are ordered for air cylinder, specify make and serial number.

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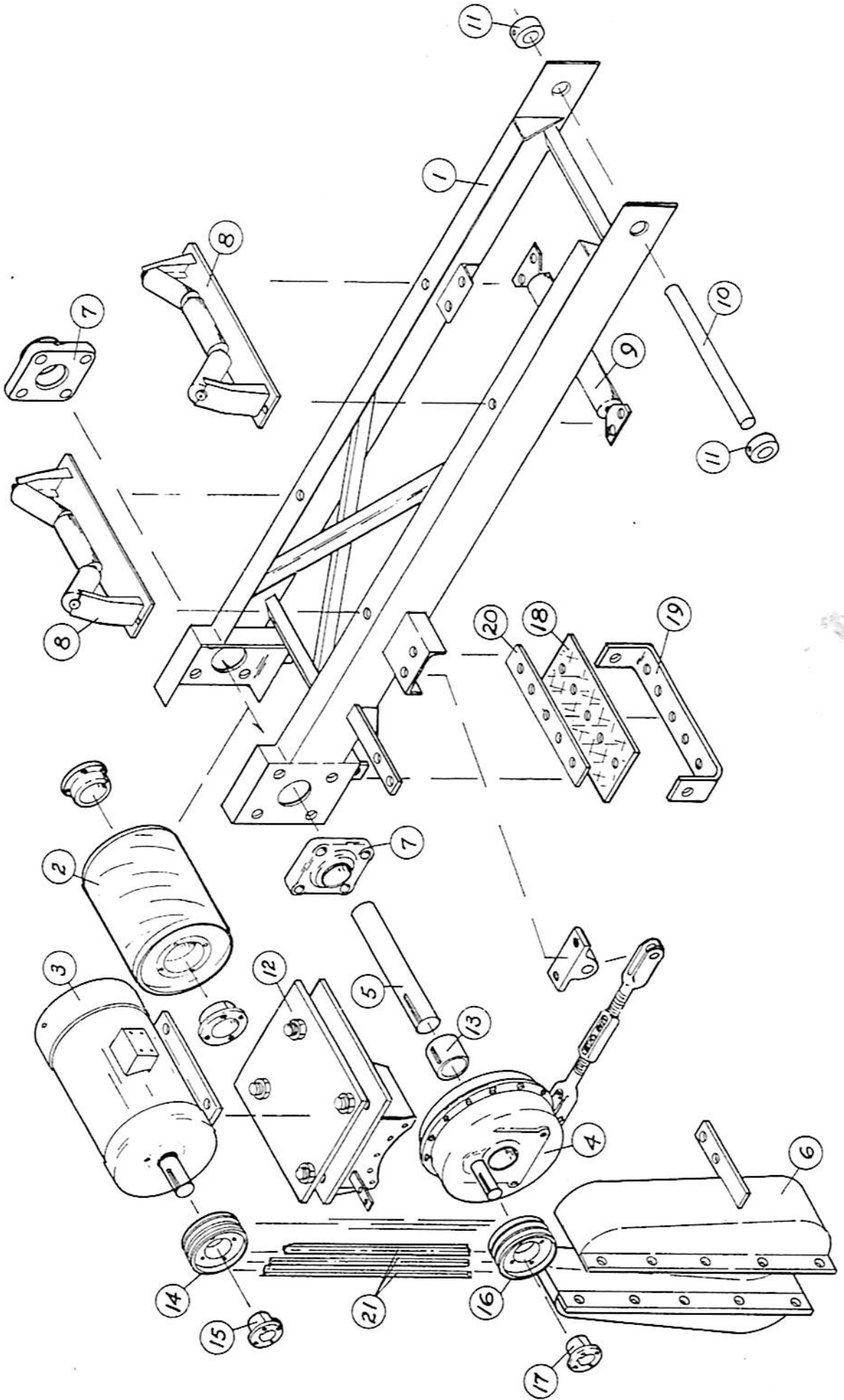
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P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-8020 Telex: 74-7172

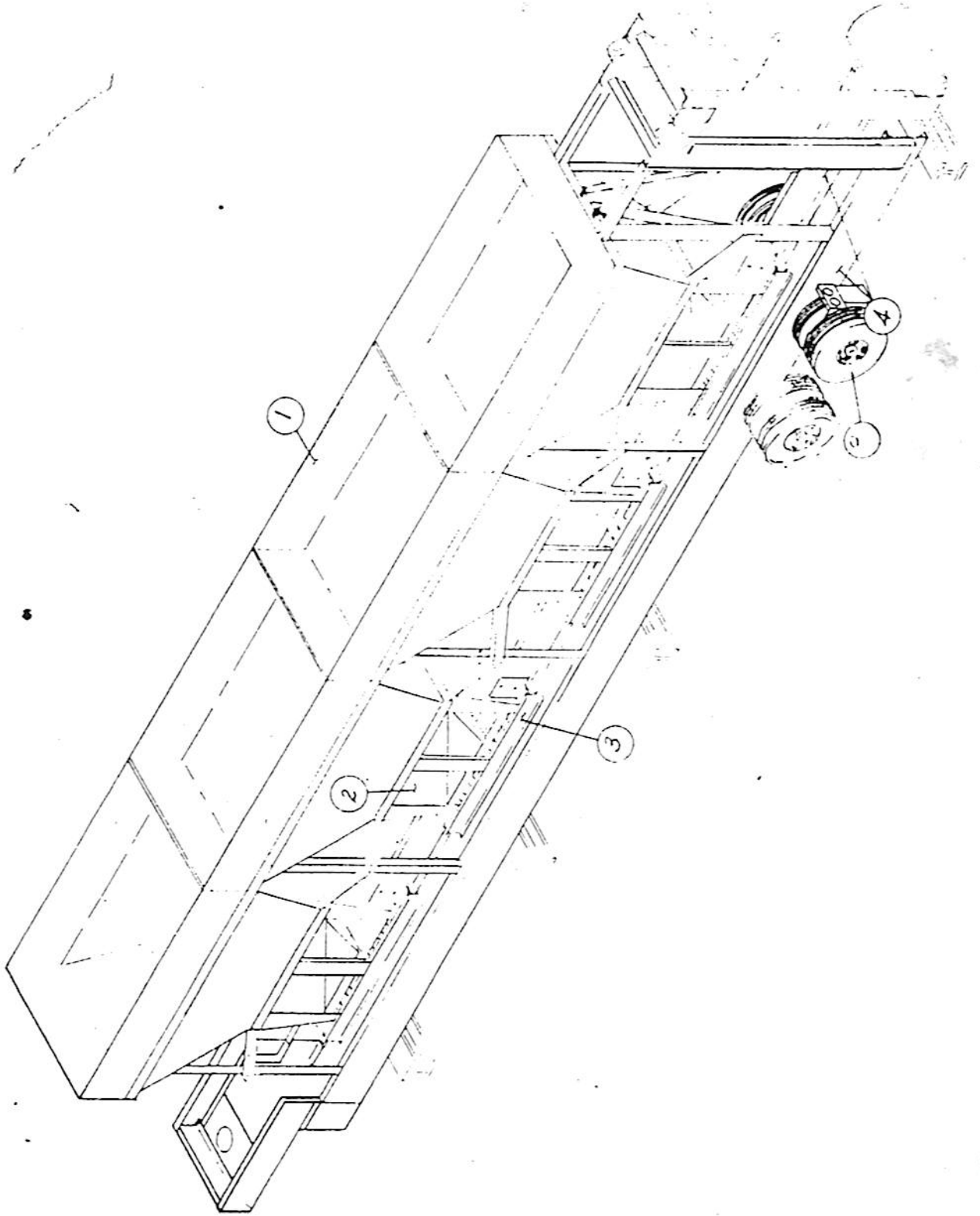
REFERENCE NO.	PART NO.	DESCRIPTION	QUAN.	DWG. NO.
	01010-3041775	SE Drag Chain Conveyor		
1.	01010-3041777	Trough Conveyor	1	
2.	01150-3041778	Liner, Trough Side Bottom	2	
	01110-3041843	Liner, Trough Side	6	
	01210-3041873	Liner, Trough	4	
<u>3.</u>	<u>01110-3041667</u>	<u>Chain Section with Flights (10 Feet)</u> ←	<u>9.2</u>	
4.	03240-3041873	Cover	7	
	01160-3041778	Cover, Top	1	
	03230-3041873	Cover, Bottom	1	
5.	02020-3041777	Hopper, Sliding	1	
6.	02030-3041777	Hopper, Receiving	1	
*	02130-3010888	Sheave, Wire Rope	1	
*	303-011130-000	Bushing, 1 15/16" I.D. x 2 7/16" O.D.	1	
*	02150-3010888	Pin	1	
*	303-011130-010	Washer, Thrust	2	
*		Idler Assembly (See A304-21)	8	
*		Take-Up Assembly (See A304-22)	1	
*		Power Unit (See A304-3)	1	

*Not Shown

DWG. NO. B1-26



DWG. No. B-1-77

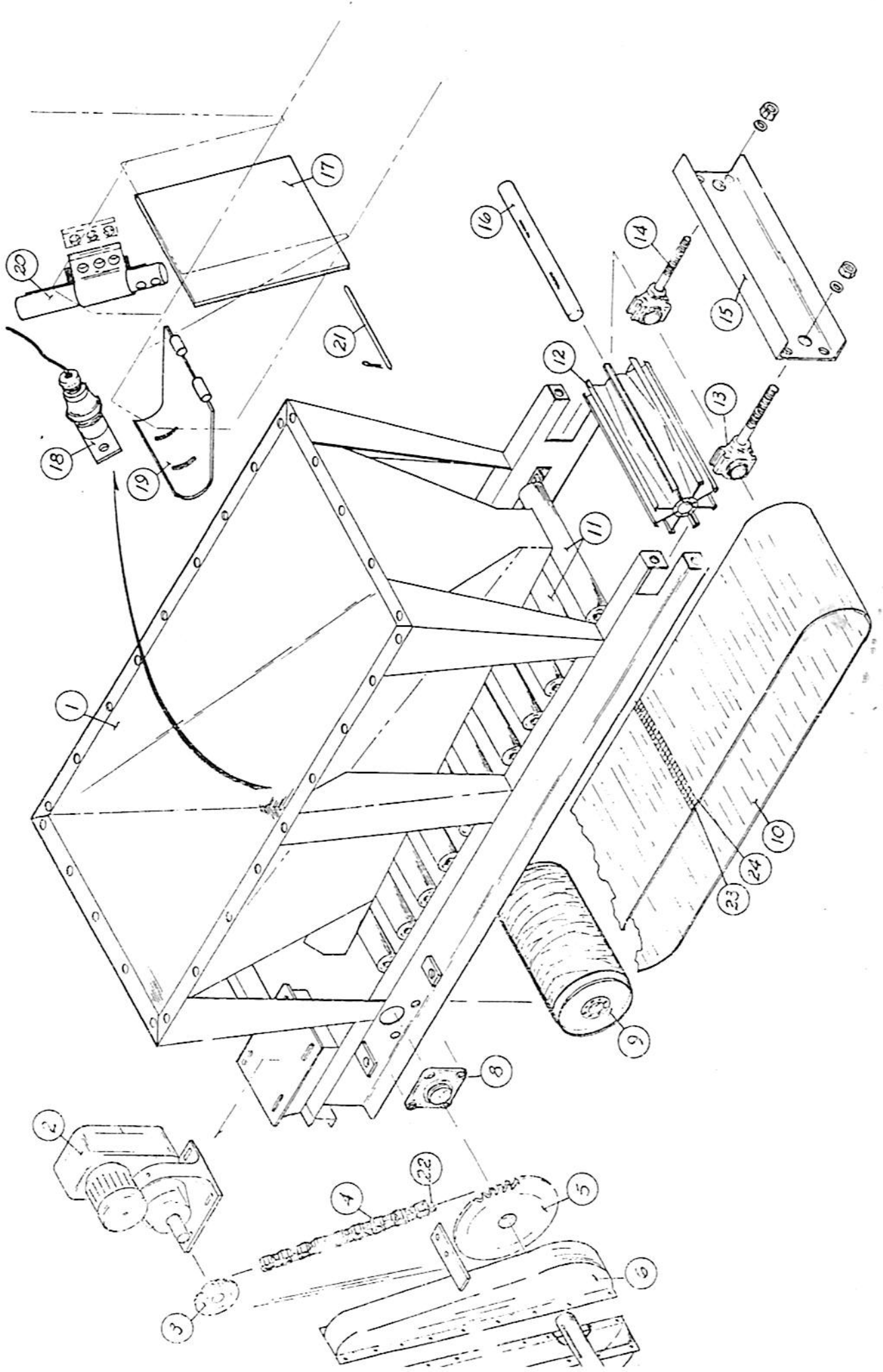


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DWG. NO. BI-27

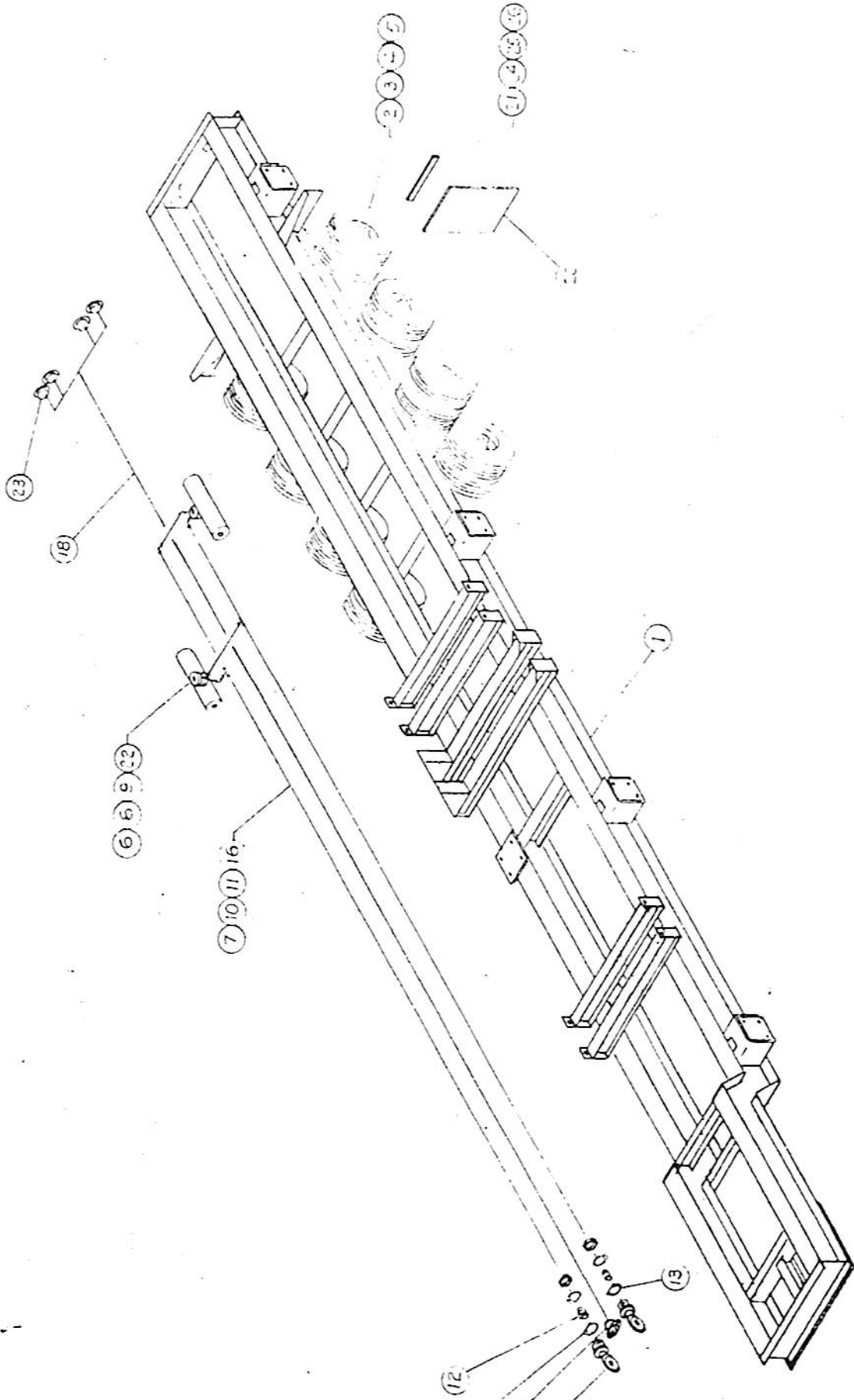


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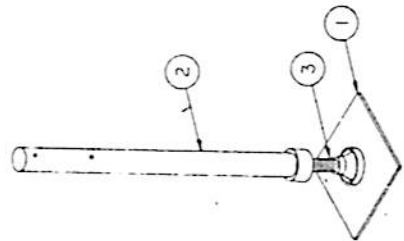
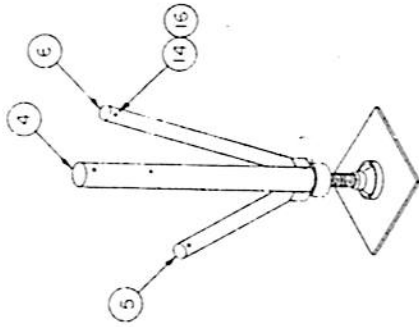
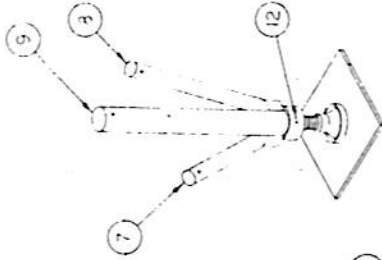
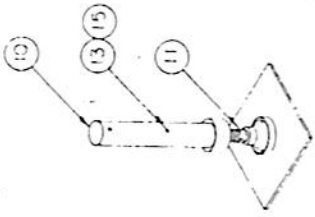
P.O. Box 1005 Oklahoma City, Oklahoma 73101 (405) 767-0020 Telex: 74-7172



DWG. NO. B4-5



DWG F-5-H



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10000 W. 10th Ave. Denver, CO 80202

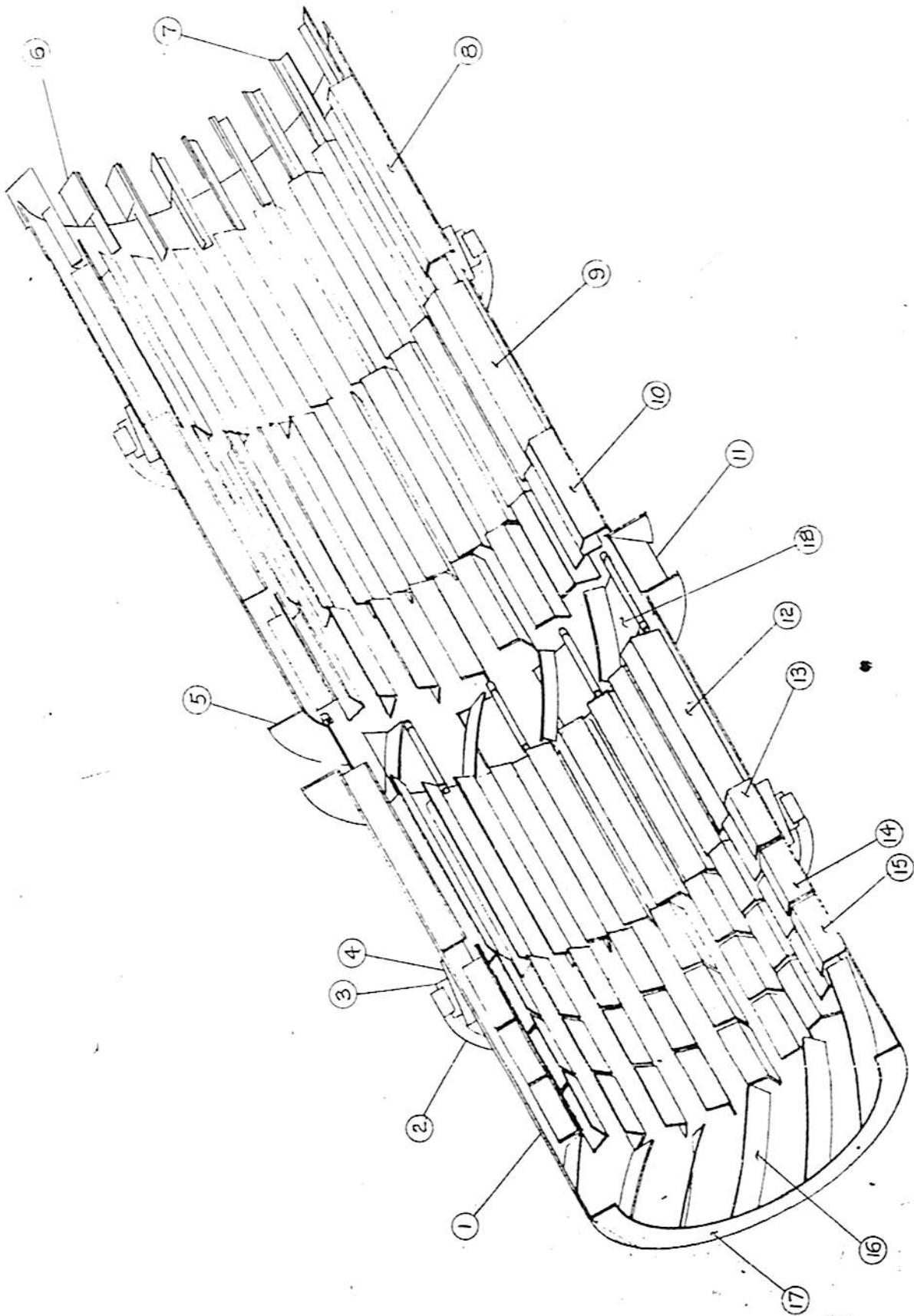
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P.O. Box 1986 Oklahoma City, Oklahoma 73101 (405) 787-0020 Telex: 74-7172

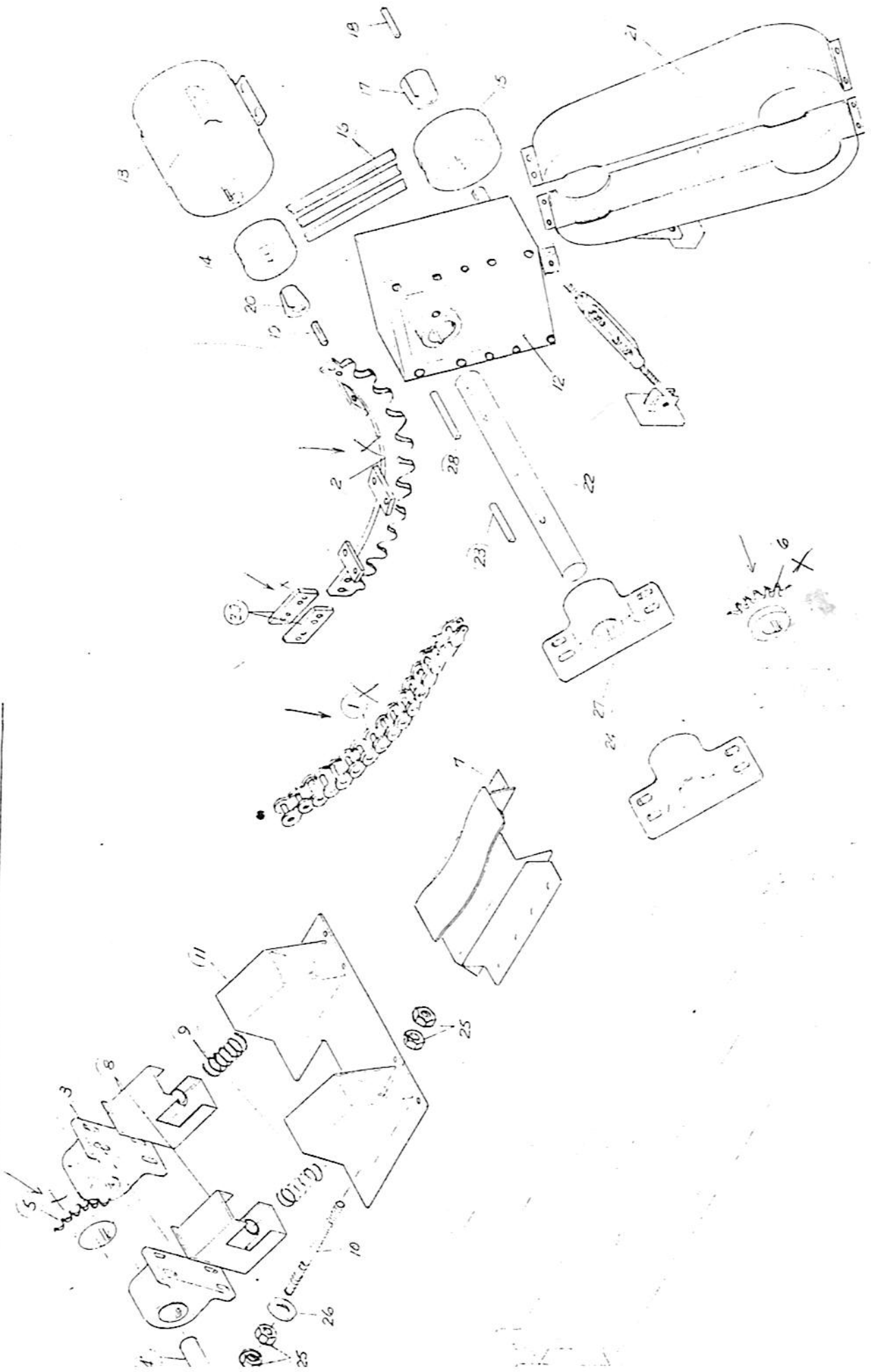
DWG. B6-22





cmi systems

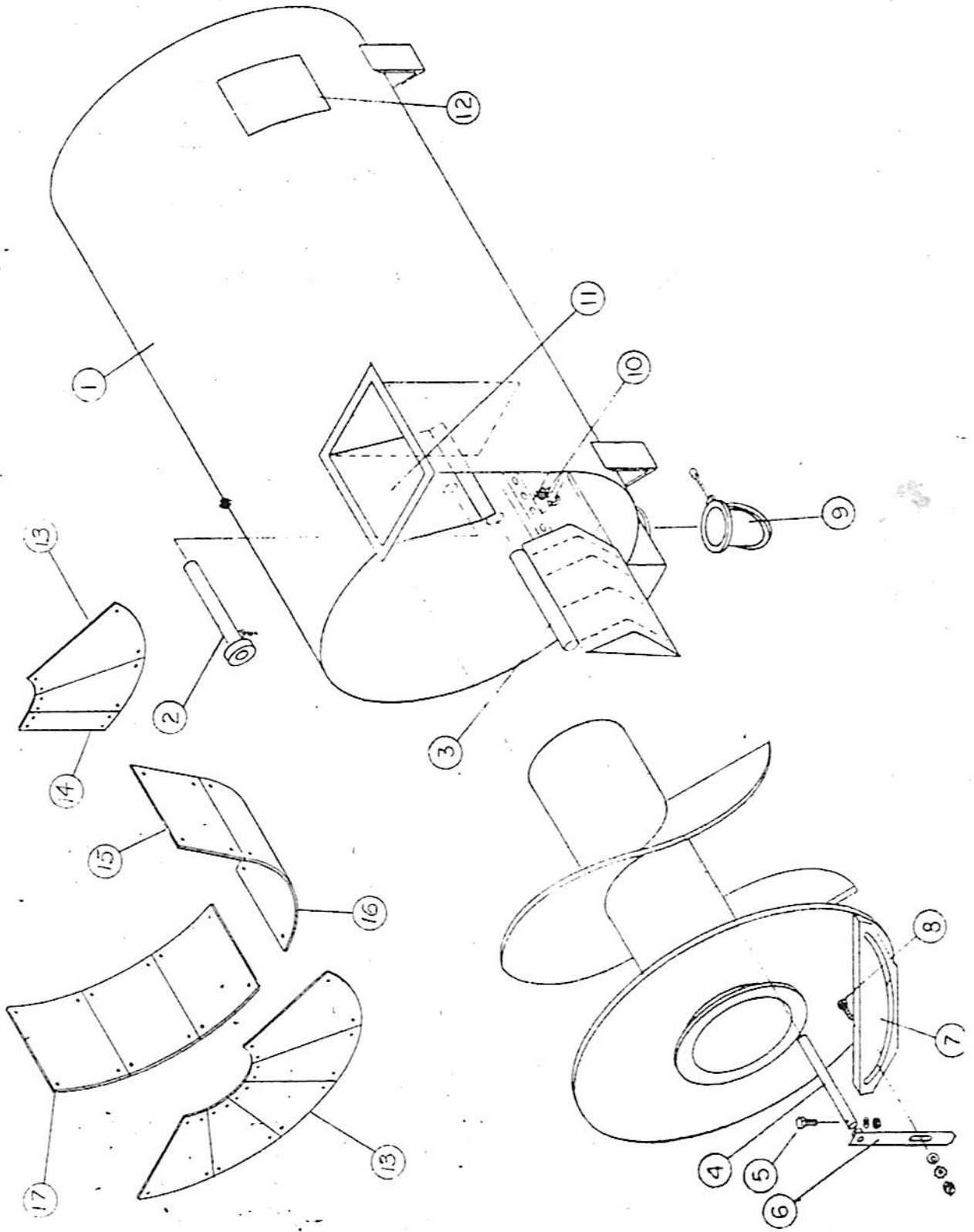
DWG B2--9





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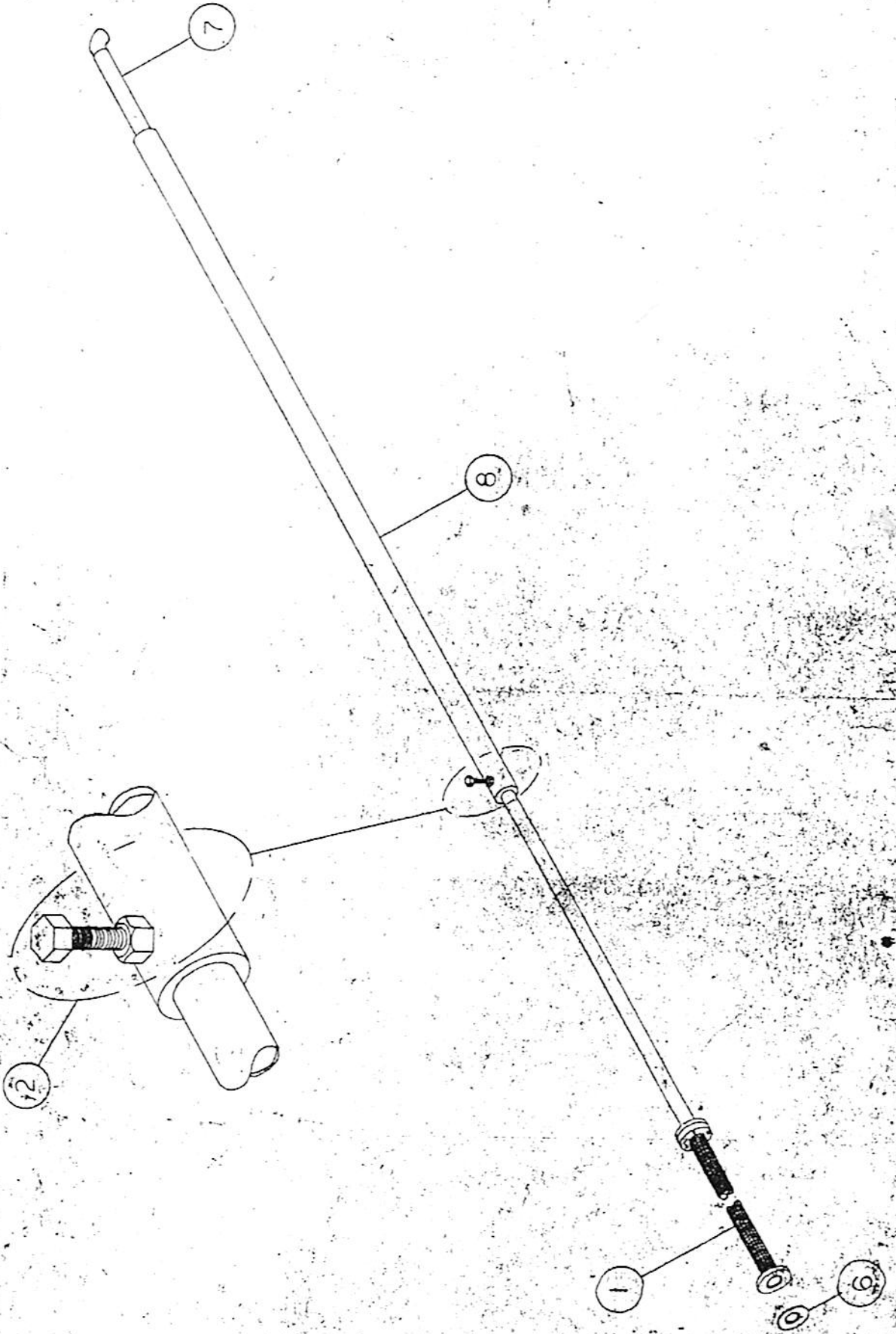
P.O. Box 1088 Oklahoma City, Oklahoma 73101 (405) 787-0020 Telex: 74-7172



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DWG B33-22

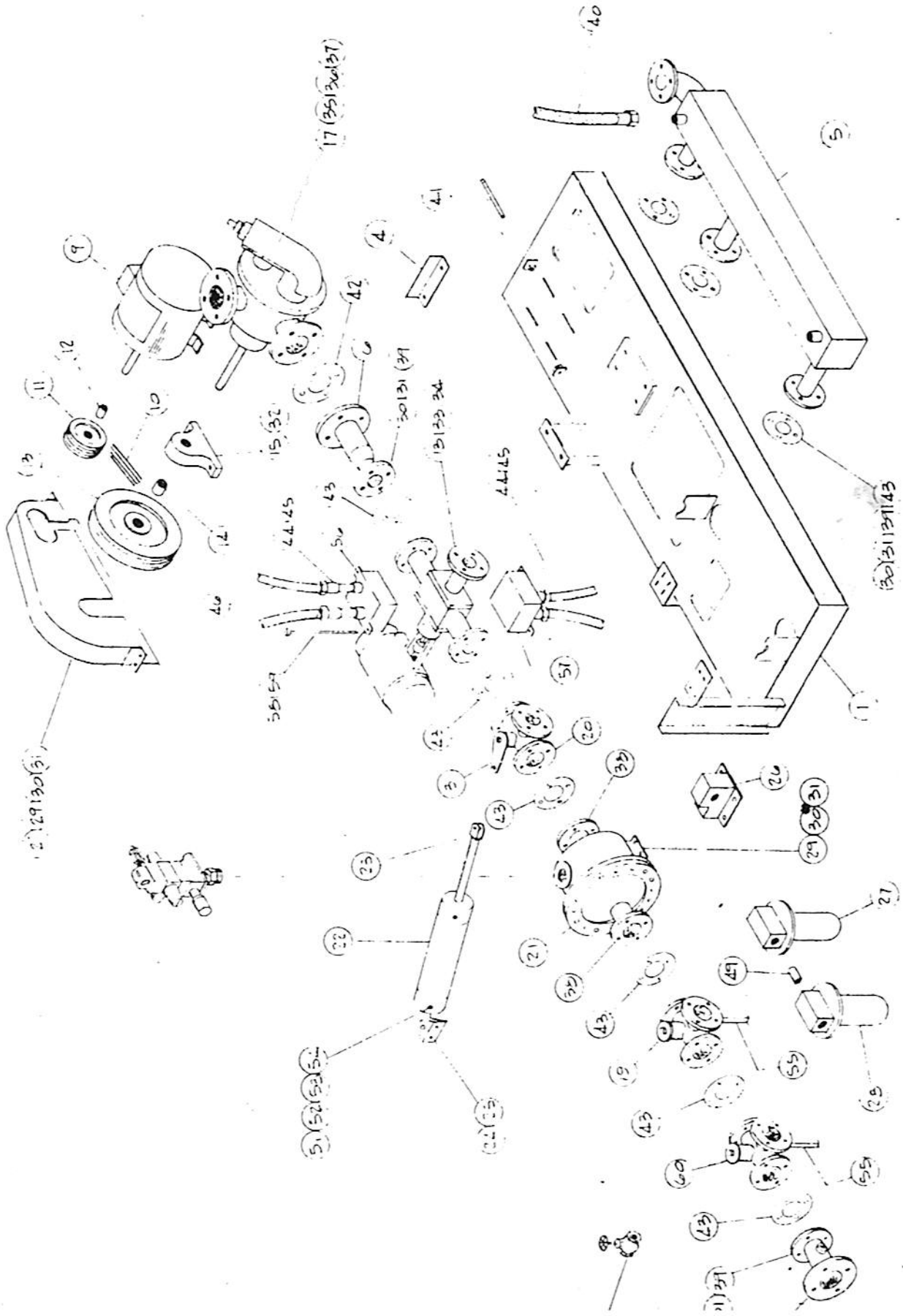


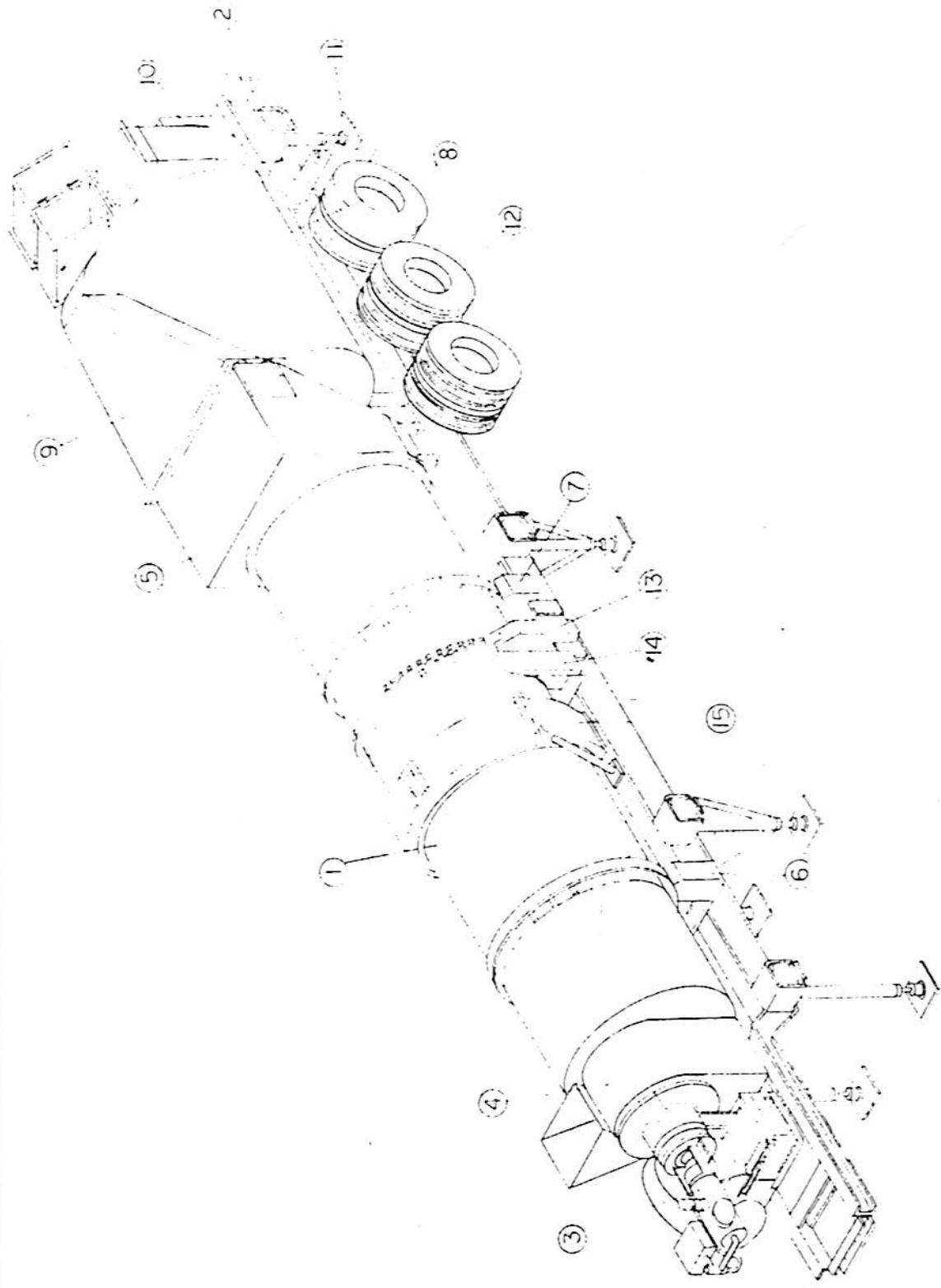


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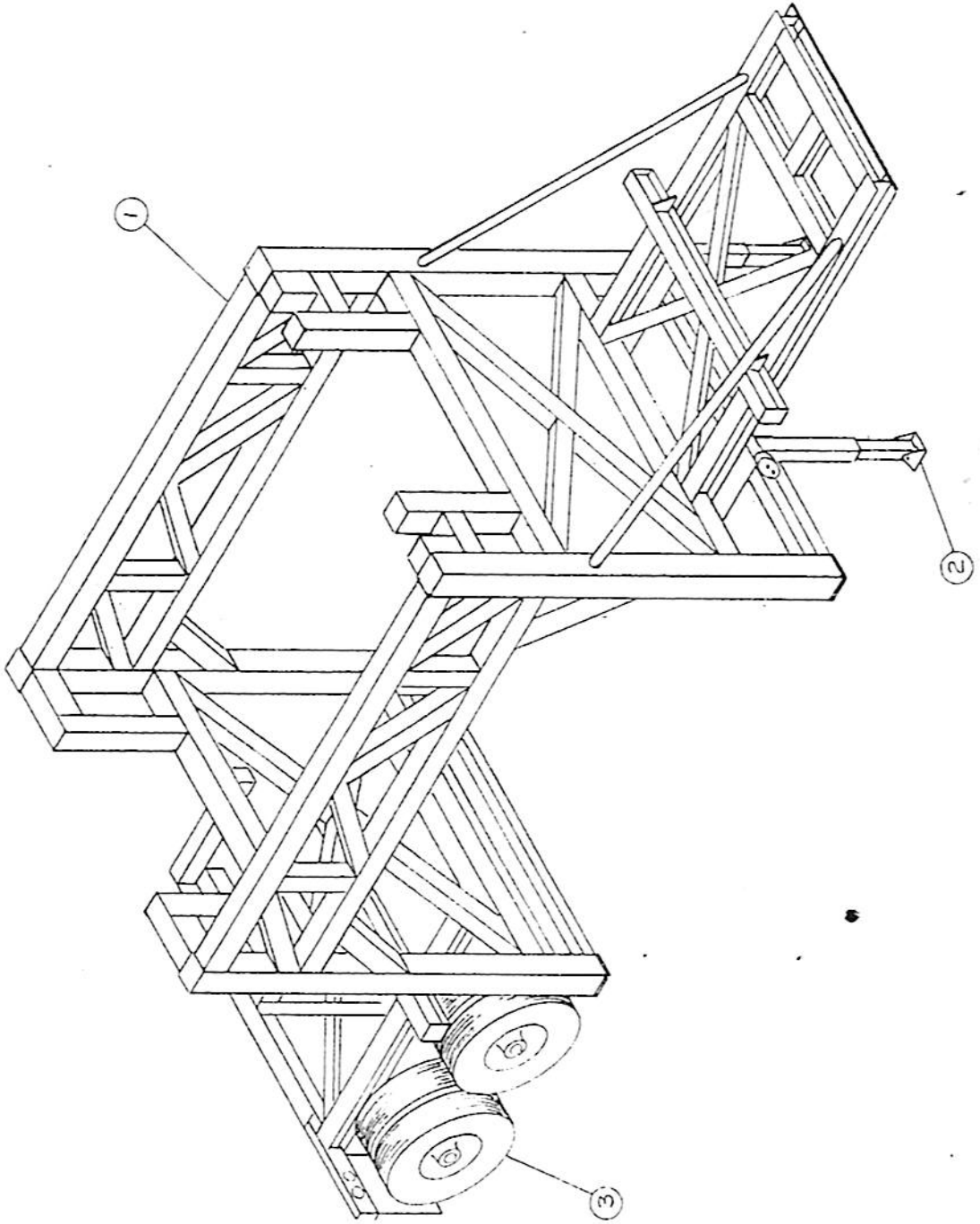
DWG. H 33-26





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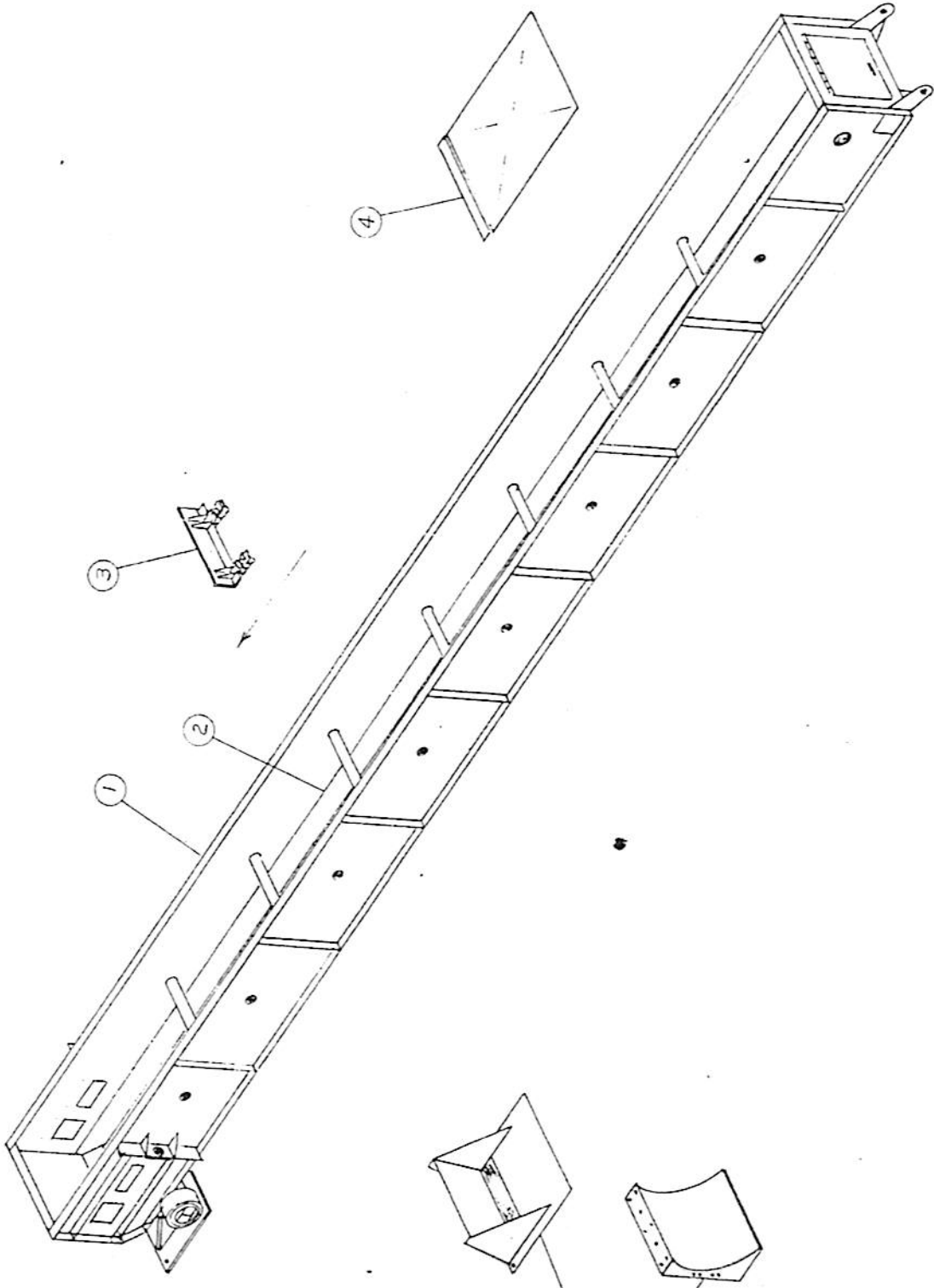
DWG. B 301-14



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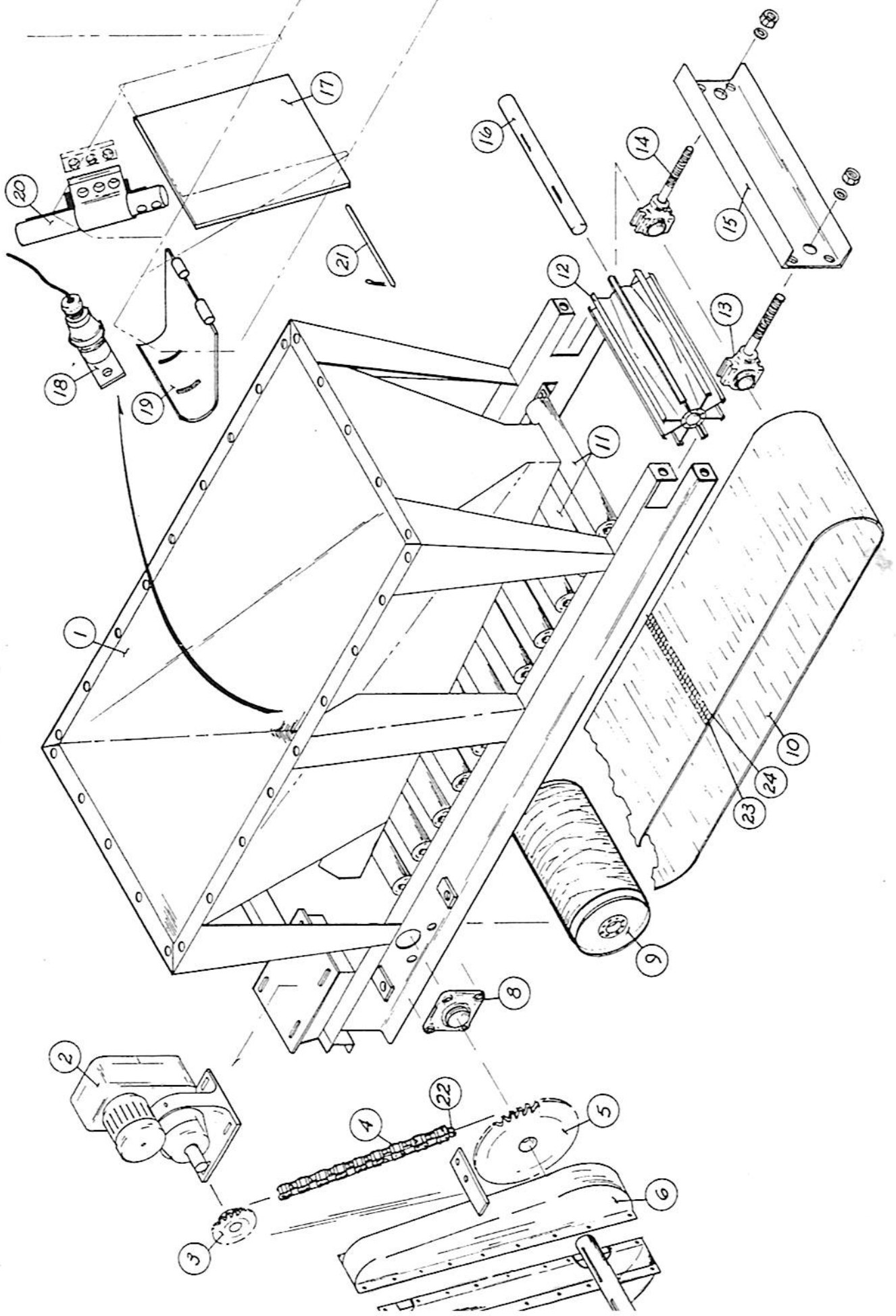
P.O. Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172

DWG. B304-9



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Box 1985 Oklahoma City, Oklahoma 73101 (405) 787-6020 Telex: 74-7172



DWG B1-33

