



COIL TINE ATTACHMENTS
&
ROLLING BASKET ATTACHMENTS

PARTS CATALOG
OPERATION - MAINTENANCE - SET-UP
INSTRUCTIONS



Portable Elevator Division, Dynamics Corporation of America
No. 1 AMCO Drive, Yazoo City, Mississippi 39194 / 601/746-4464



TO THE PURCHASER

The care you give your AMCO Harrow Attachment will greatly determine the satisfaction and service you will obtain from it. By observing the instructions and suggestions in this manual, your AMCO Harrow Attachment will serve you well for many years.

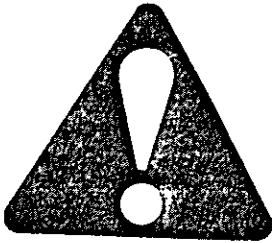
As an Authorized Dealer, we stock Genuine AMCO Parts, which are manufactured with the same precision and skill as the original equipment. For best performance and longer life use only Genuine AMCO replacement parts. Our factory trained staff is kept fully informed of the most efficient methods of servicing AMCO equipment and is ready and able to assist you.

When you sell your Harrow Attachment you should pass this manual to the new owner.

If you should require additional aid or information, contact us.

YOUR AUTHORIZED AMCO DEALER

OSHA requires that as a farm employer you meet certain safety requirements. Become familiar with and comply with those requirements. Be sure anyone who operates this equipment understands all safety related items.
Decals pertaining to personal safety must be replaced.



Look for this symbol to point out important safety precautions. It means —ATTENTION! Become alert! Your safety is involved.

To insure efficient and prompt service, please provide the model number and serial number of your AMCO Harrow Attachment in all correspondence or contacts. Remember, the right and left hand sides of the harrow are determined by standing at the rear of the harrow and facing the direction of travel.

MODEL NUMBER

SERIAL NUMBER

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Coil Tine

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30 Series 17'10" - 24'0"
F17 9'3" - 15'0"
21 & 22 Series 32 Blade - 72 Blade
F15 27'0" - 30'0"

Rolling Basket

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Parking Stand Instructions.....

HARROW ATTACHMENTS

GENERAL SPECIFICATIONS

MOUNTING BRACKETS

Main Frame Brackets bolt to a 3" x 4" or 3" x 6" rear frame rail.
Wing Brackets bolt over a 3" x 5" gang frame. Angle to gang frame preset at 16.5°.

FLOATATION

Carrier arms pivot upward to allow harrow sections to float over obstructions.

DOWN PRESSURE

125 lb/in. spring applies down pressure.
Six position depth and down pressure adjustment.

HARROW SECTION MOUNTING

Mounting - Both coil tine harrows and rolling baskets are equipped with a 2 1/2" square cross tube for interchangeable mounting to the carrier arms.
Adjustment - Harrow section attachment to cross tube allows lateral adjustability. Four position carrier arm feet allow 15° of harrow section tilt adjustment to match tilt to different disk harrow models.

COIL TINE HARROWS

- 3 Bar Frame
- 3" Spaced coil spring tines adjustable to 3 positions
- Extra long 3/8" x 12" coil tines provide more ground and trash clearance
- 4'6" & 6' Section Widths
- 9" Extension Kit

ROLLING BASKET HARROWS

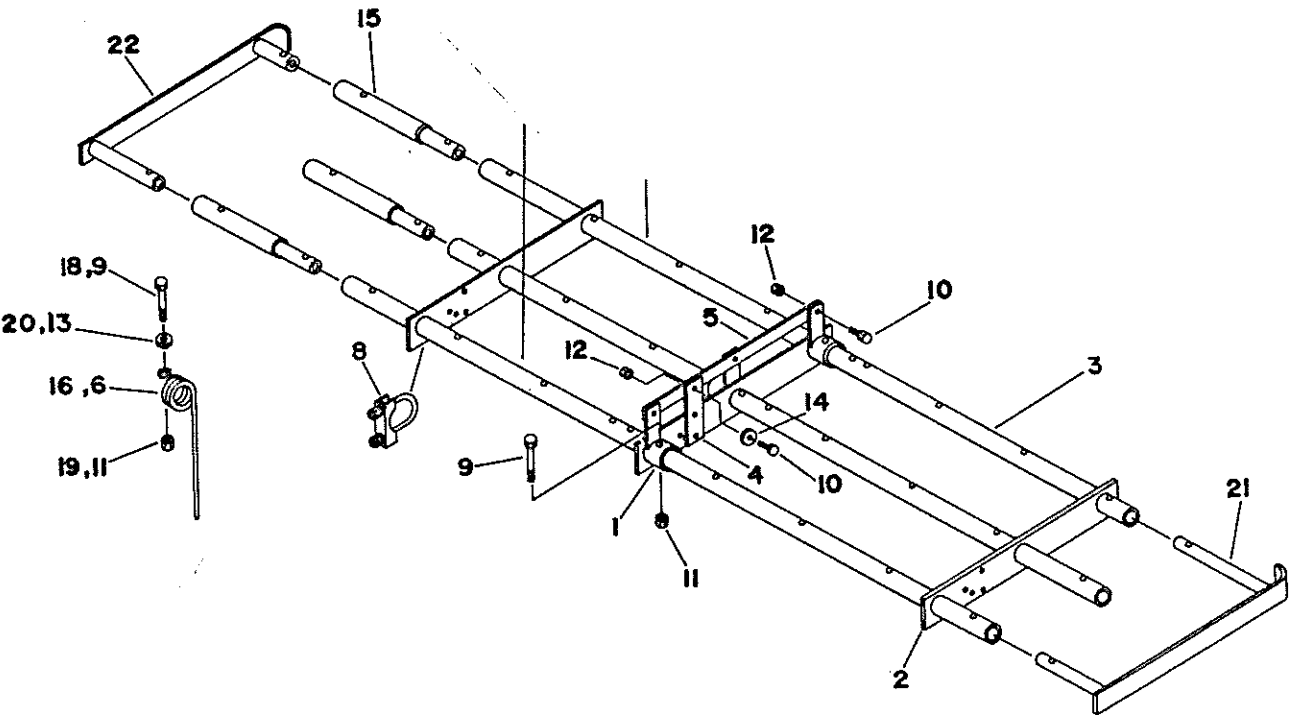
- 11" Diameter baskets are formed from 5/16" dia. oil tempered spring wire.
- Individual wires and 10" long baskets are easily replaced.
- Baskets rotate on triple lip sealed regreasable bearings and 1 1/4" dia. cold rolled shafts.
- Five, Six and Seven basket sections.

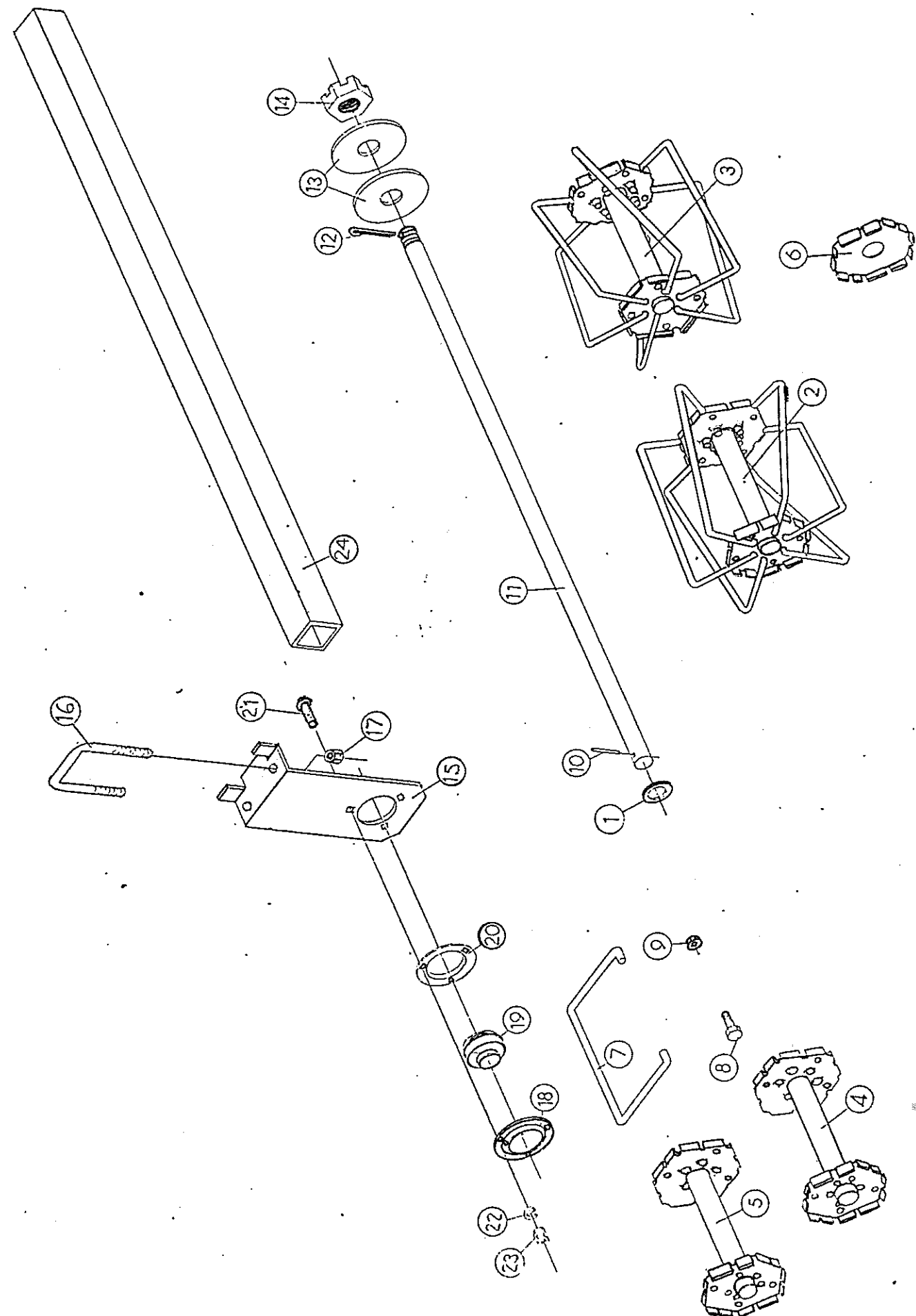
PARKING STAND

Rear parking stand standard equipment.
Uses tongue jack to keep clevis at tractor drawbar height.

AMCO Harrow Attachment Main Frame

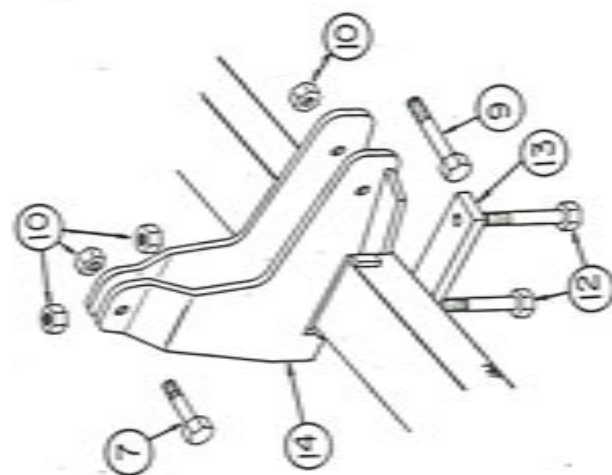
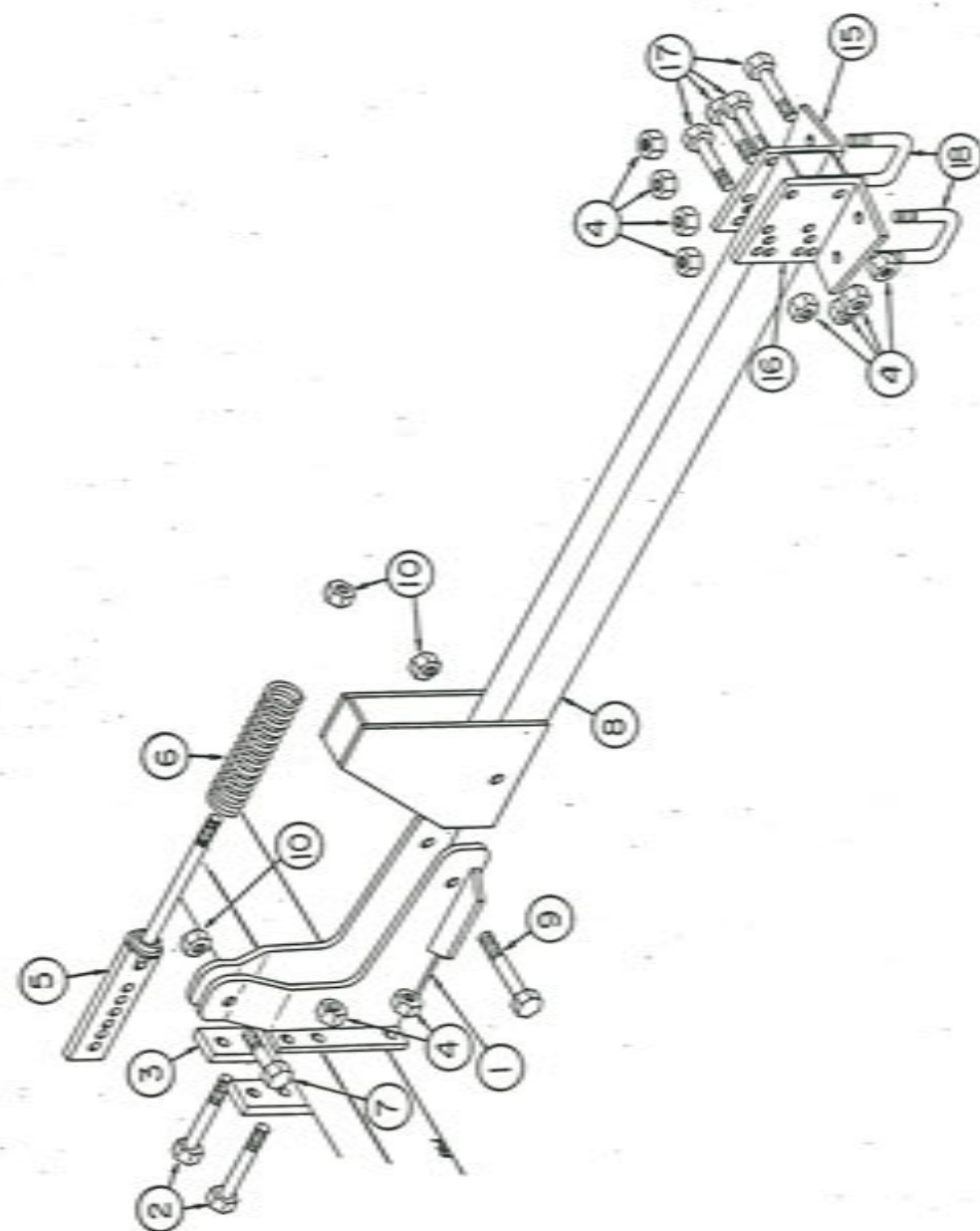
Ref. No.	Part No.	Description	No. Required	
			4'6"	6'
1	20288	Adjustment Arm.....	3	3
2	11863	Adjustment Bracket.....	3	3
3	11864	Frame Member 49 1/2".....	3	-
3	11871	Frame Member 67 1/2".....	-	3
4	11865	Adjustment Lever.....	1	1
5	11866	Adjustment Strap.....	1	1
6	11860	Harrow Tooth.....	18	24
8	11867	Clamp Assy.....	2	2
9	11861	Hex Head Screw 1/2" x 3.....	21	27
10	11868	Hex Head Screw 3/8" x 1" GR5.....	6	6
11	11827	Lock Nut 1/2".....	21	27
12	11869	Lock Nut 3/8".....	6	6
13	11861	Flat Washer 1/2".....	18	24
14	11870	Flat Washer 3/8".....	1	1
15	20287	Extension.....	3	3
16	11860	Harrow Tooth.....	3	3
18	11861	Hex Head Screw 1/2" x 3.....	3	3
19	11854	Lock Nut 1/2".....	3	3
20	11862	Flat Washer 1/2".....	3	3





SINGLE BASKET HARROW ASSEMBLY

No.	Part No.	Description	No. Required		
			5 Basket	6 Basket	7 Basket
	11855	Bushing 1-25/64 x 2-1/8"	1	1	1
	20285	Basket Assembly - R	3	3	4
	20286	Basket Assembly - L	2	3	3
	DC-12-0001	Basket Frame Assy. - Inner	3	3	4
	DC-12-0002	Basket Frame Assy. - Outer	2	3	3
	11849	Side Plate - Inner (Shown)	-	1	1
	11850	Side Plate - Outer	2	1	3
	101696	Basket Harrow Tooth - R (Shown)	18	18	24
	101697	Basket Harrow Tooth - L	12	18	18
	11852	Hex Head Screw 5/16" x 1"	16	20	20
	11853	Nut - Lock 5/16"	16	20	20
	11851	Spiral Pin 5/16" x 1-3/4"	1	1	1
	11858	Main Shaft 1-1/4" Dia. - 54-3/16"	1	-	-
	11874	Main Shaft 1-1/4" Dia. - 63-7/8"	-	1	-
	11847	Main Shaft 1-1/4" Dia. - 76-1/16"	-	-	1
	11856	Pin - Cotter 3/16 x 2	1	1	1
	11848	Retainer Washer	2	2	4
	11845	Nut - Hex Slotted 1-1/4"	1	1	1
	11838	Bearing Plate	2	2	3
	11836	"U" Bolt	2	2	3
	11854	Nut - Lock (Center Lock)	4	4	6
	11840	Stamping w/Straight Grease Fitting	2	2	2
	11859	Stamping w/65° Grease Fitting	-	-	1
	11841	Bearing	2	2	3
	11839	Stamping	2	2	3
	11842	Bolt - Plow 3/8" x 1"	6	6	9
	11843	Washer Lock 3/8"	6	6	9
	11844	Nut - Hex 3/8"	6	6	9
	11857	Main Tube 50" long	1	-	-
	11873	Main Tube 60-1/8" long	-	1	-
	11846	Main Tube 74-3/4" long	-	-	1
	DC-01-0037	Basket Harrow Assy. - 5 Single	1	-	-
	DC-01-0045	Basket Harrow Assy. - 6 Single	-	1	-
	DC-01-0038	Basket Harrow Assy. - 7 Single	-	-	1

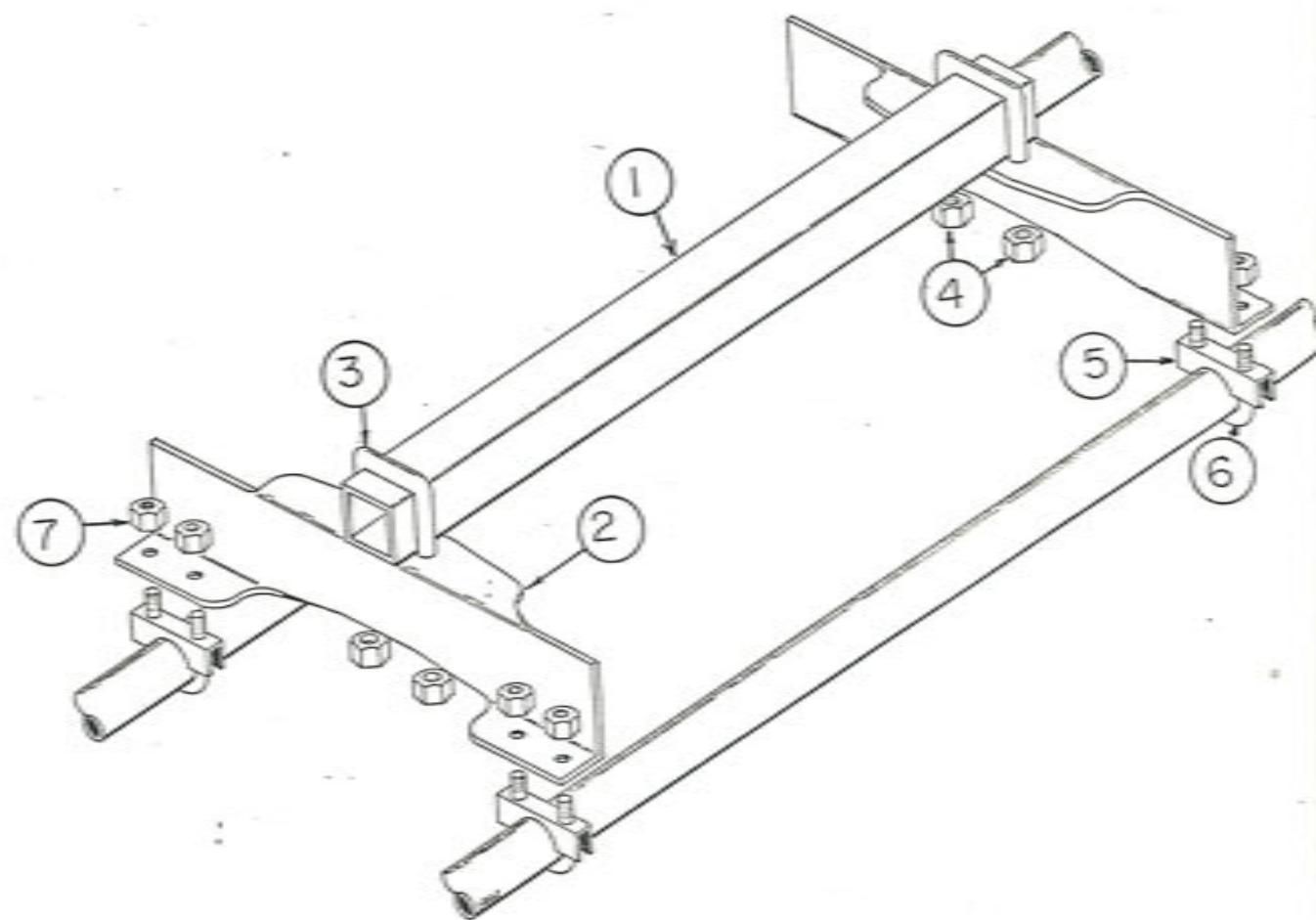


Attachment Carrier Arm

Ref. No.	Part No.	Description	No. Req'd
		Main Frame Carrier Arm	
1	20282	Main Frame Bracket.....	1
2	10754	Hex Screw 1/2 x 5 PL, GR5.....	4
3	101686	Back-Up Plate.....	2
4	10395	Lock Nut 1/2 NC.....	4
5	20281	Pressure Rod Assy.....	1
6	11835	Spring.....	1
7	10674	Hex Screw 5/8 x 2 1/2 PL, GR5.....	1
8	20276	Carrier Arm Assy.....	1
9	10106	Hex Screw 5/8 x 4 1/2 PL, GR5.....	1
10	10299	Lock Nut 5/8 NC.....	3
		Wing Carrier Arm - RH	
11	20283	Wing Bracket - RH (Not Shown).....	1
12	10666	Hex Screw 5/8 x 5 PL, GR5.....	2
13	101687	Back-Up Plate.....	1
10	10299	Lock Nut 5/8 NC.....	2
		Wing Carrier Arm - LH	
14	20284	Wing Bracket - LH (Shown).....	1
12	10666	Hex Screw 5/8 x 5 PL, GR5.....	2
13	101687	Back-Up Plate.....	1
10	10299	Lock Nut 5/8 NC.....	2
		Carrier Arm Foot	
15	101649	Carrier Arm Foot - RH.....	1
16	101650	Carrier Arm Foot - LH.....	1
17	10833	Hex Screw 1/2 x 3 1/2 PL.....	4
18	11836	"U" Bolt 1/2" Dia.....	2
4	10395	Lock Nut 1/2 NC.....	8

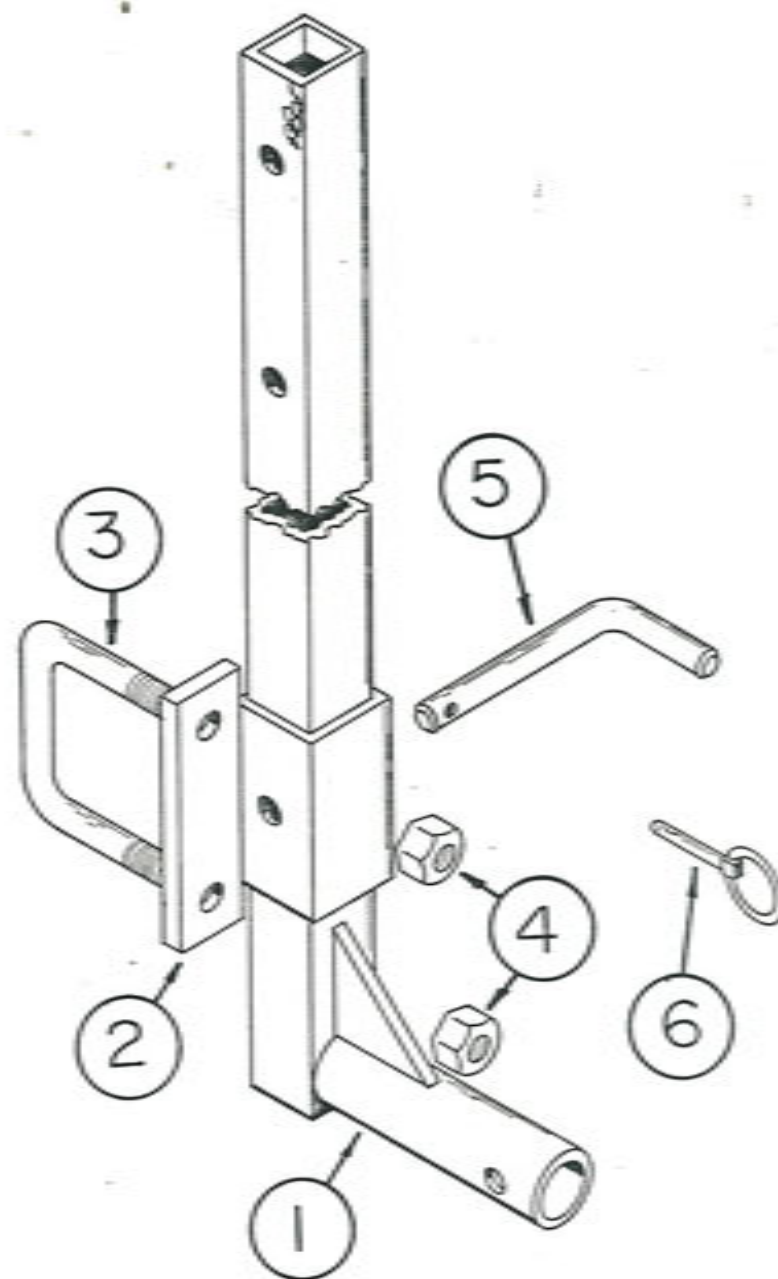
AMCO Cross Tube Assembly

Ref. No.	Part No.	Description	No. Re
1	101691	Cross Tube 2 1/2 x 2 1/2 x 3/16 WT. 34 Long.....	1
2	101690	Zee Bracket.....	2
3	11236	"U" Bolt 1/2" Dia.....	2
4	10395	Lock Nut 1/2 NC, PLT.....	4
5	11876	Saddle Clamp 2" Heavy Duty.....	4
6	11877	"U" Bolt 3/8" Dia.....	4
7	10509	Lock Nut 3/8 NC, PLT.....	8



AMCO Parking Stand

Ref. No.	Part No.	Description	No. Req'd
1	20265	Assy. Stand - Parking.....	1
2	20267	Assy. Mount - Stand.....	1
3	7205	"U" Bolt 3/4 Dia.....	1
4	10509	Lock Nut 3/4 NC, PL.....	2
5	100683	Lock Pin 3/4 Dia.....	1
6	10317	Klik Pin.....	1

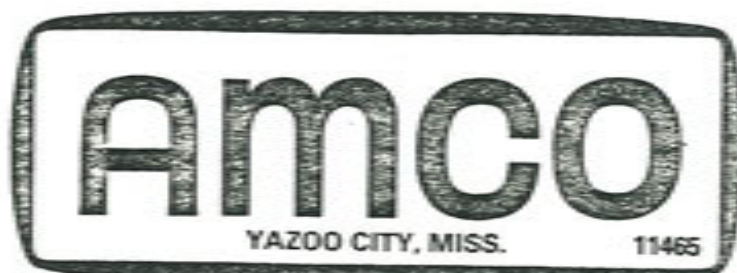


AMCO Decals

Ref. No.	Part No.	Description	No. Req.
1	11466	AMCO - Small Decal.....	2
2	11548	"Fema" Decal.....	1
3	11875	Warning - (Back-Heavy Implement).....	1

DECALS

①



②

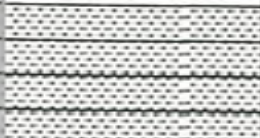


THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY.

-  CAUTION Never stand between disk harrow and harrow attachment unless all tractor controls are in neutral and the brakes are locked.
-  CAUTION Back-heavy implements can fall backward and flip the tongue upward suddenly. Before unhitching, lower implement to the ground or use an approved rear parking stand.
-  CAUTION While in transport, back-heavy implements exert a lifting force on the towing vehicle. Tow only with a tractor or other vehicle with adequate rear weight.
-  CAUTION Never clean, adjust or lubricate a harrow that is in motion.
-  CAUTION When transporting machinery over public roads, comply with your local and state laws regarding length, width and lighting.
-  CAUTION When trailing the harrow over public roads, the SMV Emblem must be used, for protection of tractor and motor vehicle operators.
-  CAUTION When transporting farm implements on public roads after dusk it is the responsibility of the operator to provide lighting and reflectors on the rear of the implement in accordance with your state law.
-  CAUTION All hydraulically or mechanically elevated operating components must be blocked to prevent accidental lowering or must be lowered to the ground when making adjustments or when the equipment is idle.

GENERAL TORQUE SPECIFICATION TABLE

ALL BOLTS SHOULD BE TIGHTENED TO THE
RECOMMENDED TORQUES SHOWN IN THE
"GENERAL TORQUE SPECIFICATION TABLE"

GENERAL TORQUE SPECIFICATION TABLE							
USE THE FOLLOWING TORQUES WHEN SPECIAL TORQUES ARE NOT GIVEN							
Note: These values apply to fasteners as received from supplier, dry, or when lubricated with normal engine oil. They do not apply if special graphited or moly-disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads.							
SAE Grade No.		2		5		8 *	
Bolt head identification marks as per grade				  		  	
NOTE: Manufacturing Marks Will Vary		Torque		Torque		Torque	
Bolt Size		Foot Pounds		Foot Pounds		Foot Pounds	
Inches	Millimeters	Min.	Max.	Min.	Max.	Min.	Max.
1/4	6.35	5	6	9	11	12	15
5/16	7.94	10	12	17	20.5	24	29
3/8	9.53	20	23	35	42	45	54
7/16	11.11	30	35	54	64	70	84
1/2	12.70	45	52	80	96	110	132
9/16	14.29	65	75	110	132	160	192
5/8	15.88	95	105	150	180	220	264
3/4	19.05	150	185	270	324	380	456
7/8	22.23	160	200	400	480	600	720
1	25.40	250	300	580	696	900	1080
1-1/8	25.58			800	880	1280	1440
1-1/4	31.75			1120	1240	1820	2000
1-3/8	34.93			1460	1680	2380	2720
1-1/2	38.10			1940	2200	3160	3560
				* Thick nuts must be used with Grade 8 bolts			

* Thick nuts must be used with Grade 8 bolts

Amco
PRODUCTS

Portable Elevator Division
Dynamics Corp. of America
Yazoo City, Miss. 39194

COIL TINE ATTACHMENT - F15
MODEL ROLLING BASKET ATTACHMENT - F15

		DESCRIPTION	BUNDLE NO.	CTA15 = 16'6"	CTA15 = 18'0"	CTA15 = 19'6"	CTA15 = 21'0"	CTA15 = 24'0"	RBA15 = 16'6"	RBA15 = 18'0"	RBA15 = 21'0"	RBA15 = 24'0"
		CARRIER ARMS (4)	DC-01-0042	1	1	1	1		1	1		
		CARRIER ARMS (5)	DC-01-0043						1		1	1
		ZEE BRACKET MOUNTS (8)	DC-01-0044	1	1	1	1					
		ZEE BRACKET MOUNTS (12)	DC-01-0046						1			
		COIL TINE SECTION 6'	DC-01-0041		2	2	2					
		COIL TINE SECTION 4'	DC-01-0040	4	2	2	2	6				
		EXTENSION KIT 9"	DC-01-0039	2		2	4					
		BASKET (7 SINGLE)	DC-01-0038							2		
		BASKET (5 SINGLE)	DC-01-0037								4	2
		BASKET (6 SINGLE)	DC-01-0045						4	2	2	4

Amco
PRODUCTS

Portable Elevator Division
Dynamics Corp. of America
Yazoo City, Miss. 39194

COIL TINE ATTACHMENT - 30 SERIES
MODEL ROLLING BASKET ATTACHMENT - 30 SERIES

		DESCRIPTION	BUNDLE NO.	CTA30 = 18'	CTA30 = 19'	CTA30 = 21'	CTA30 = 24'	RBA30 = 18'	RBA30 = 19'	RBA30 = 21'	RBA30 = 24'
		CARRIER ARMS (4)	DC-01-0042	1	1	1	1	1			
		CARRIER ARMS (5)	DC-01-0043						1	1	
		ZEE BRACKET MOUNTS	DC-01-0044	1	1	1	1				
		COIL TINE SECTION 6'	DC-01-0041	2	2	4	4				
		COIL TINE SECTION 4'	DC-01-0040	2	2						
		EXTENSION KIT 9"	DC-01-0039		2		4				
		BASKET (7 SINGLE)	DC-01-0038					2	4		2
		BASKET (5 SINGLE)	DC-01-0037							4	4
		BASKET (6 SINGLE)	DC-01-0045					2	2		

Amco
PRODUCTS

Portable Elevator Division
Dynamics Corp. of America
Yazoo City, Miss. 39194

COIL TINE ATTACHMENT - F17
MODEL ROLLING BASKET ATTACHMENT - F17

		DESCRIPTION	BUNDLE NO.	CTA17-9	CTA17-10	CTA17-12	CTA17-13	CTA17-15	RBA17-9	RBA17-10	RBA17-12	RBA17-13	RBA17-15
		CARRIER ARMS (2)	DC-01-0065	1	1				1				
		CARRIER ARMS (3)	DC-01-0066			1	1	1		1	1	1	
		CARRIER ARMS (4)	DC-01-0042										1
		ZEE BRACKET MOUNTS (4)	DC-01-0067	1	1								
		ZEE BRACKET MOUNTS (6)	DC-01-0068			1	1	1					
		COIL TINE SECTION 6'	DC-01-0041	2	2	1	1	3					
		COIL TINE SECTION 4'	DC-01-0040			2	2						
		EXTENSION KIT 9"	DC-01-0039		2		2						
		BASKET (7 SINGLE)	DC-01-0038						2		1	3	
		BASKET (6 SINGLE)	DC-01-0045							3	2		4

assembly instructions

COIL TINE HARROW INSTALLATION INSTRUCTIONS

AMCO Coil Tine Harrow Attachments are shipped from the factory with maximum pre-assembly in the following bundles;

- A. Carrier Arms
- B. Zee Bracket Mounts
- C. 6 ft. Coil Tine Section
- D. 4 1/2 ft. Coil Tine Section
- E. 9 in. Extension Kit

Refer to the model description for the quantity required for your model disk harrow.

STEP 1 Select a clear level area to assemble the harrow attachments to the disk harrow. Park the disk harrow with the wings unfolded and the blades on the ground. Remove strapping from bundles.

Note: The right and left hand sides of the harrow are determined by standing at the rear of the harrow and facing the direction of travel.

STEP 2 Refer to the parts list drawing, Page 3, and assemble one harrow section at a time. Turn the frame members so that the teeth point down. Attach each of the three adjustment arms (Ref. No. 1) to the adjustment strap (Ref. No. 5) with a 3/8" x 1" hex screw, flat washer and lock nut. Align the hole in the adjustment lever (Ref. No. 4) with one of the holes in the adjustment bracket (Ref. No. 2) and secure with 3/8" x 1" hex screw, flat washer and lock nut.

Note: The harrow teeth pitch can be adjusted to any one of three angles depending upon the alignment of the adjustment lever with the holes in the adjustment bracket.

STEP 3 Install the zee bracket mounts (Page No. 8) to the harrow section frame members (Ref. No. 2) with the pipe clamps (Ref. No. 6). Refer to Figure 1 & 2 for the proper location of the zee bracket mounts on 4 1/2 ft. or 6 ft. harrow sections. Install the cross tube (Ref. No. 1) to the top of the zee bracket mounts with 1/2" "U" bolts.

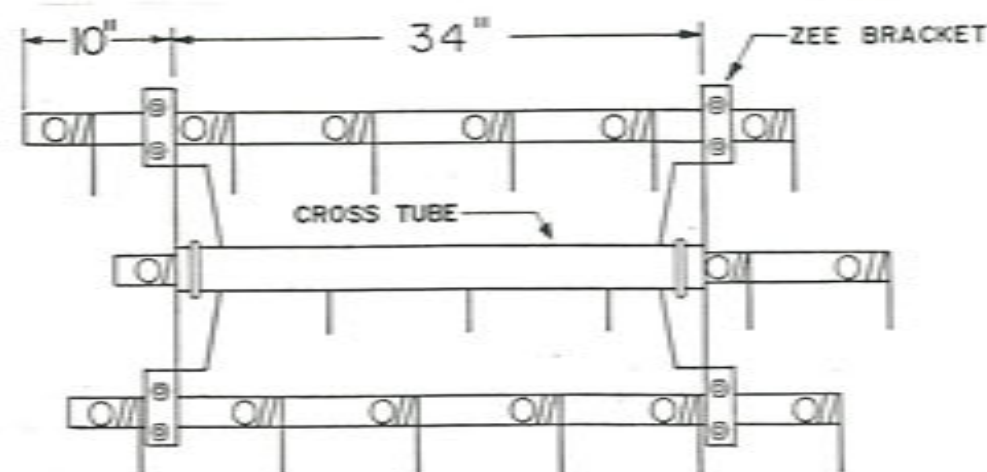


FIGURE 1. Zee Bracket Mount location for 4 1/2 Ft. Coil Tine Harrow Section.

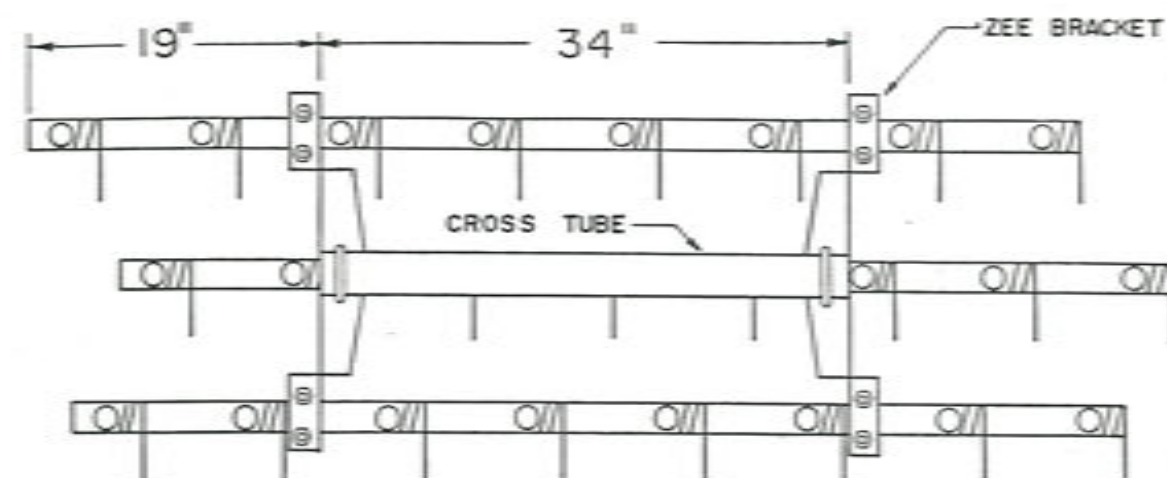
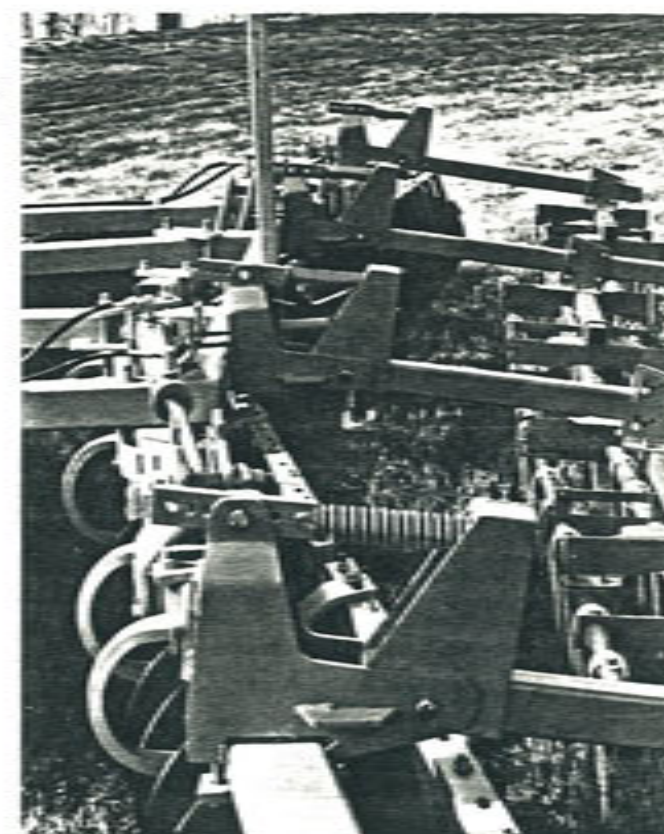


FIGURE 2. Zee Bracket Mount location for 6 Ft. Coil Tine Harrow Section

STEP 4 Install harrow extensions where required as shown in diagrams. Refer to the coil tine harrow installation diagrams at the end of this section for the proper location of the extensions for your particular model. Install all three extensions into the same end of the frame member. Remove the bolts securing the end teeth to the harrow section. Insert the small end of the extension into the frame member. Replace the bolt into the frame member and fasten the teeth to the end of the extension.

STEP 5 Refer to the proper coil tine harrow installation diagrams for your disk harrow model at the end of this section and install the main frame carrier arms as shown to the rear frame rail with 1/2" x 5" bolts, leaving all bolts loose.

STEP 6 Install the right hand and left hand wing carrier arms as shown in the installation diagrams with 5/8" x 5" bolts to the wing gang frames, leaving all bolts loose.



STEP 7 Loosely attach the proper assembled harrow section to the proper carrier arm by attaching the 2 1/2" square cross tube to the carrier arm feet (Ref. No. 16) with 1/2" "U" bolts. Loosen the 1/2" x 3 1/2" bolts that clamp the carrier arm feet to the carrier arm. Adjust the position of the harrow sections to match the installation diagram for your disk harrow. Shift each carrier arm so that it is located as near to the center of the harrow section as possible. Make sure that there is sufficient clearance between sections to eliminate contact during operation. It may be necessary to adjust the pitch of the harrow section so that the front teeth are 1" to 2" higher than the rear teeth by placing two 1/2" x 3 1/2" bolts in one of four sets of holes in the carrier arm feet. After the harrow sections and carrier arms have been placed in the proper location and adjusted, tighten all bolts.

Note: The harrow should now be ready for operation. Make sure all fasteners are properly tightened before operating the disk harrow. Check to make sure that the 5/8" pivot bolts (Ref. No. 9 & 10) are not over tightened and that the carrier arms are free to flex.

operating instructions

Pull the disk harrow through the soil until it is plowing at the desired depth and the frame is level. Leave the disk in the ground and level the harrow sections by selecting the proper set of holes in the carrier arm feet if necessary. The down pressure may be adjusted by changing the pressure rod (Ref. No. 5) mounting. Raise the disk harrow and adjust the nut on the rear of the pressure rod until all harrow sections are level. Harrow tooth pitch may be adjusted by changing the adjustment lever, Page 3 (Ref. No. 4), to one of the three holes in the adjustment bracket (Ref. No. 2).

NOTE: To prevent damage to the harrows, always raise the harrow teeth completely out of the ground when making turns and when backing up.



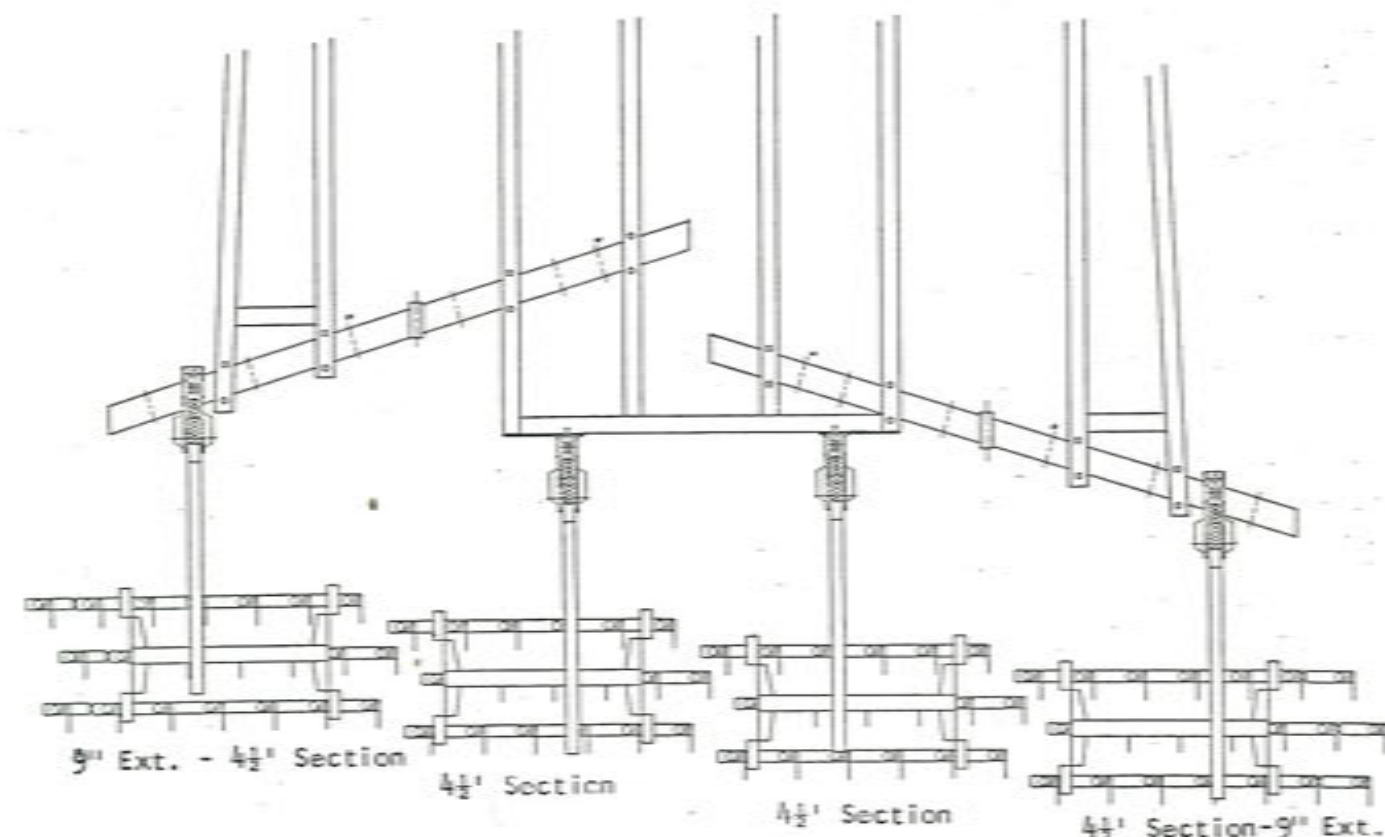
CAUTION Back-heavy implements can fall backward and flip the tongue upward suddenly. Before unhitching, lower implement to the ground or use an approved rear parking stand.



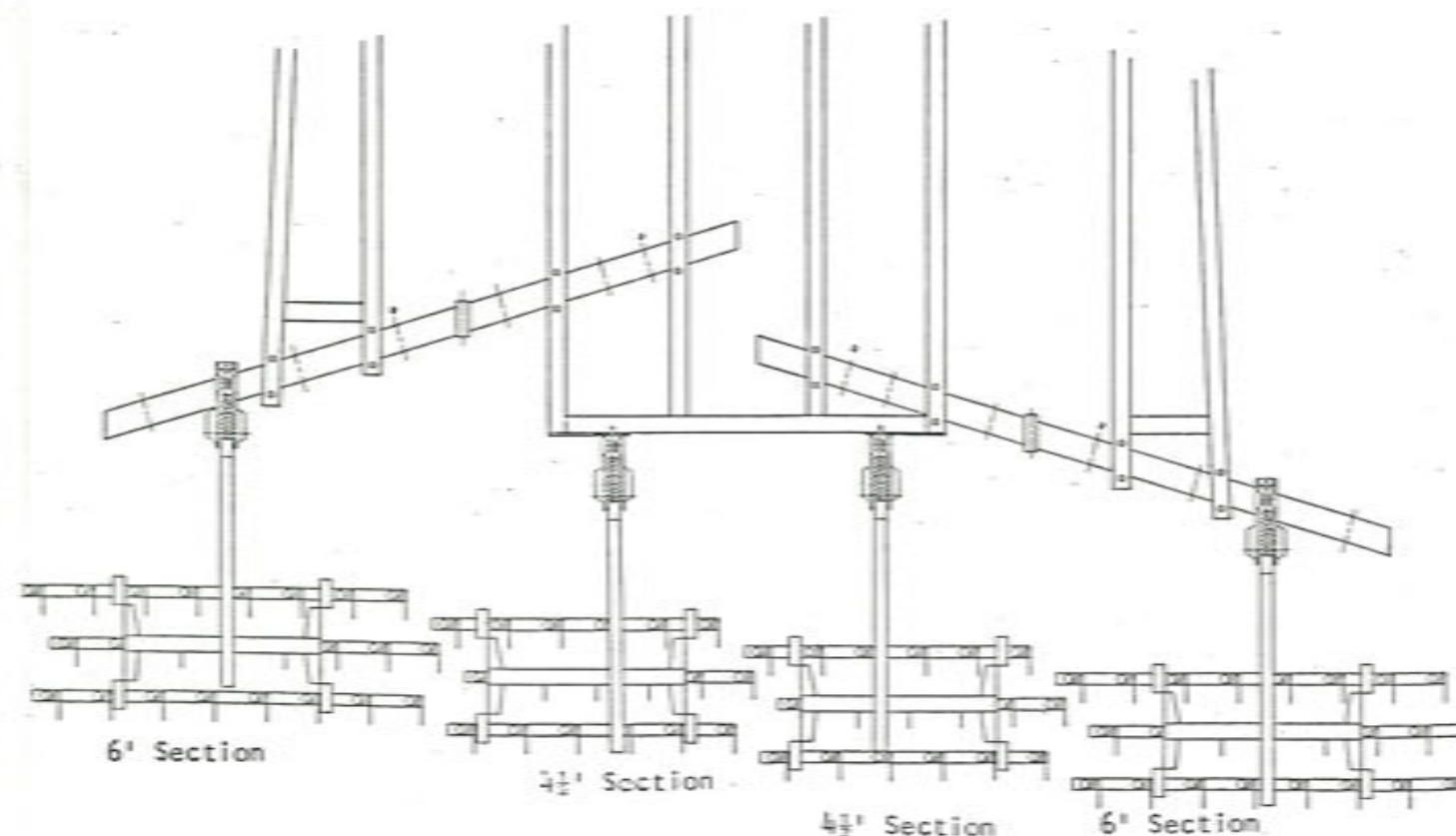
CAUTION While in transport, back-heavy implements exert a lifting force on the towing vehicle. Tow only with a tractor or other vehicle with adequate rear weight.

COIL TINE INSTALLATION DIAGRAMS

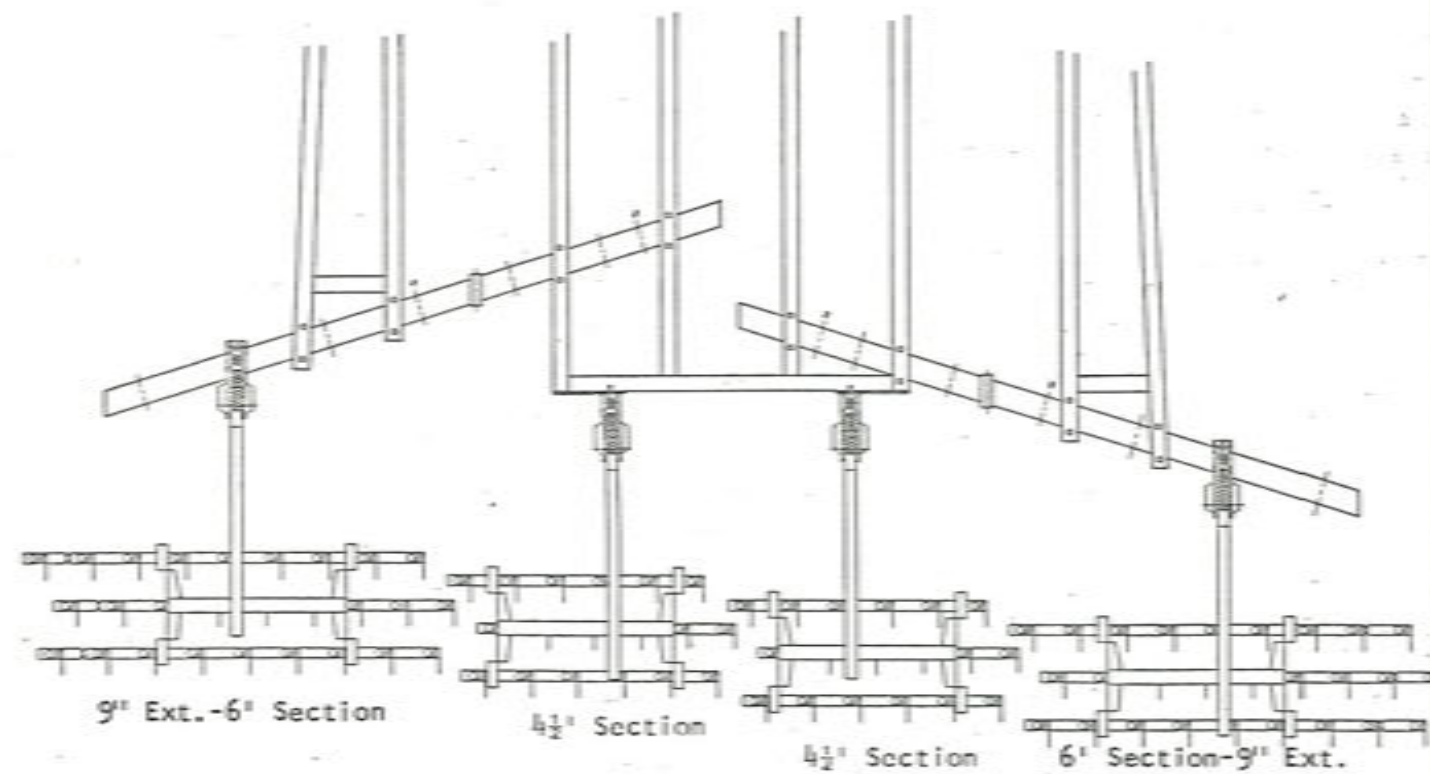
16'6" F15B



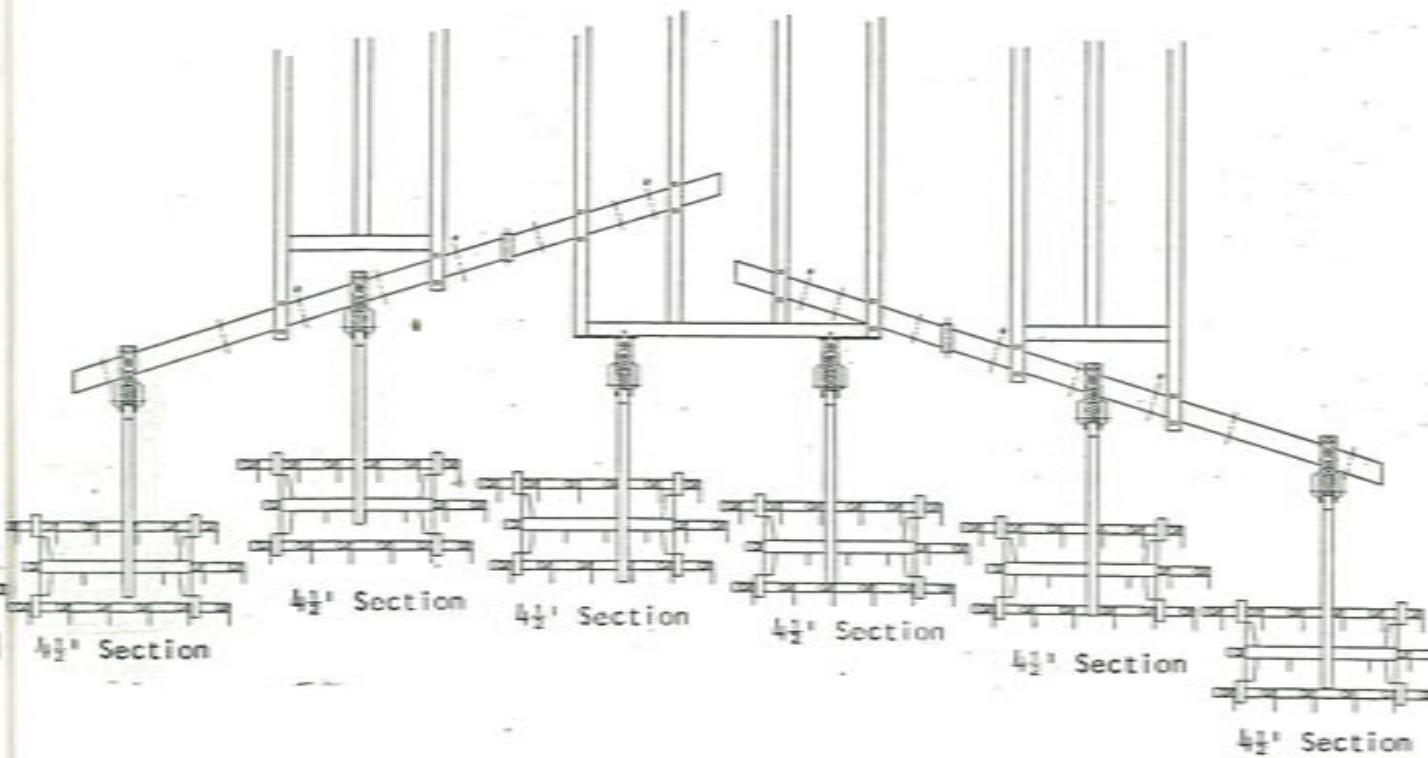
18'0" F15B



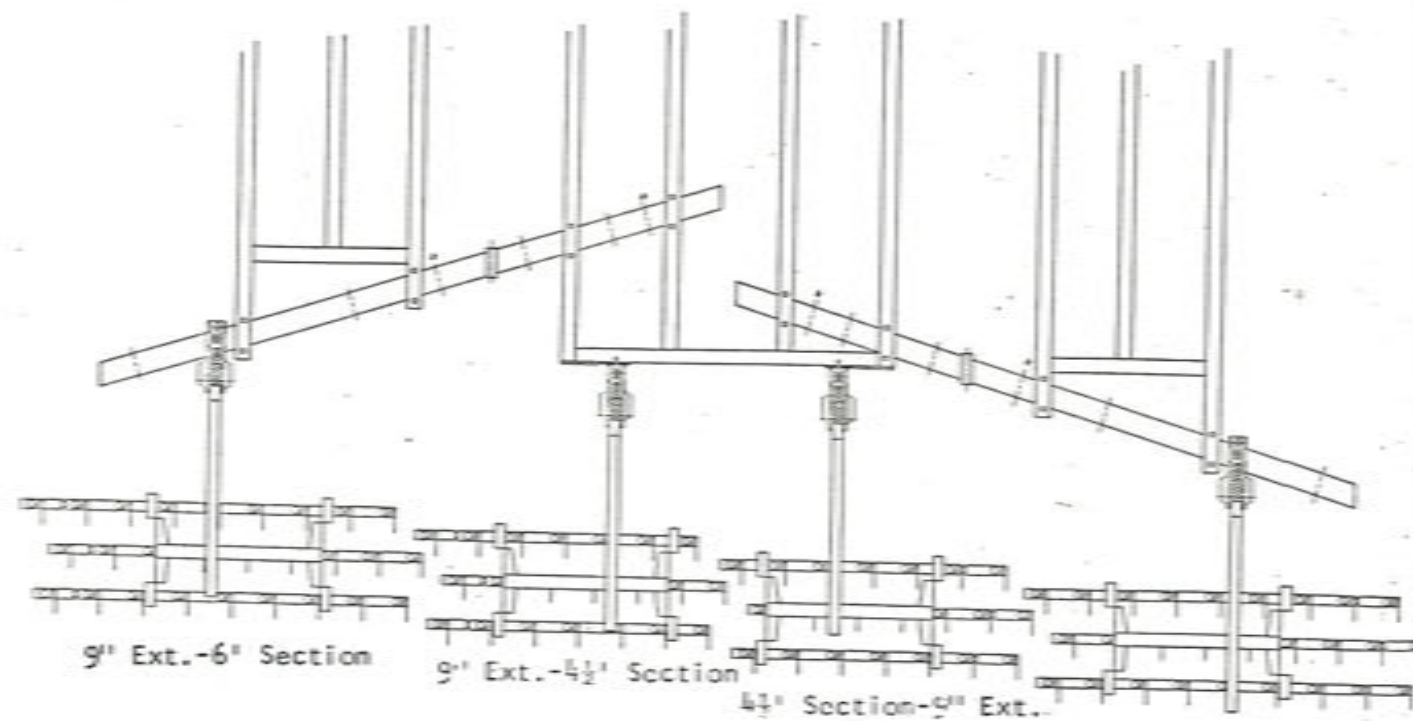
19'6" F15B



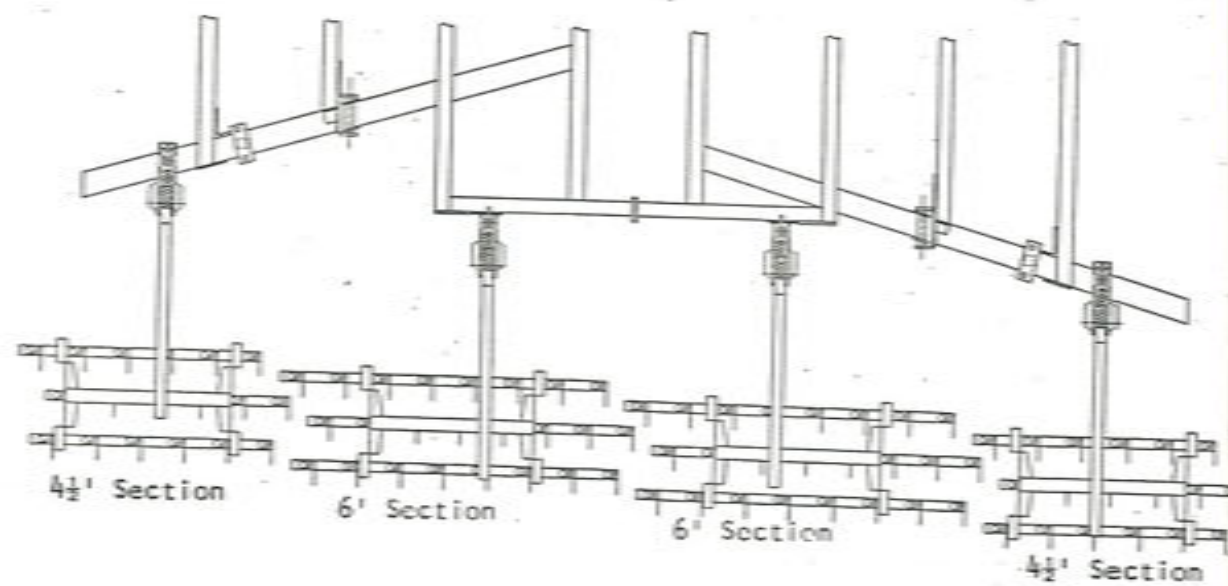
24'0" F15B



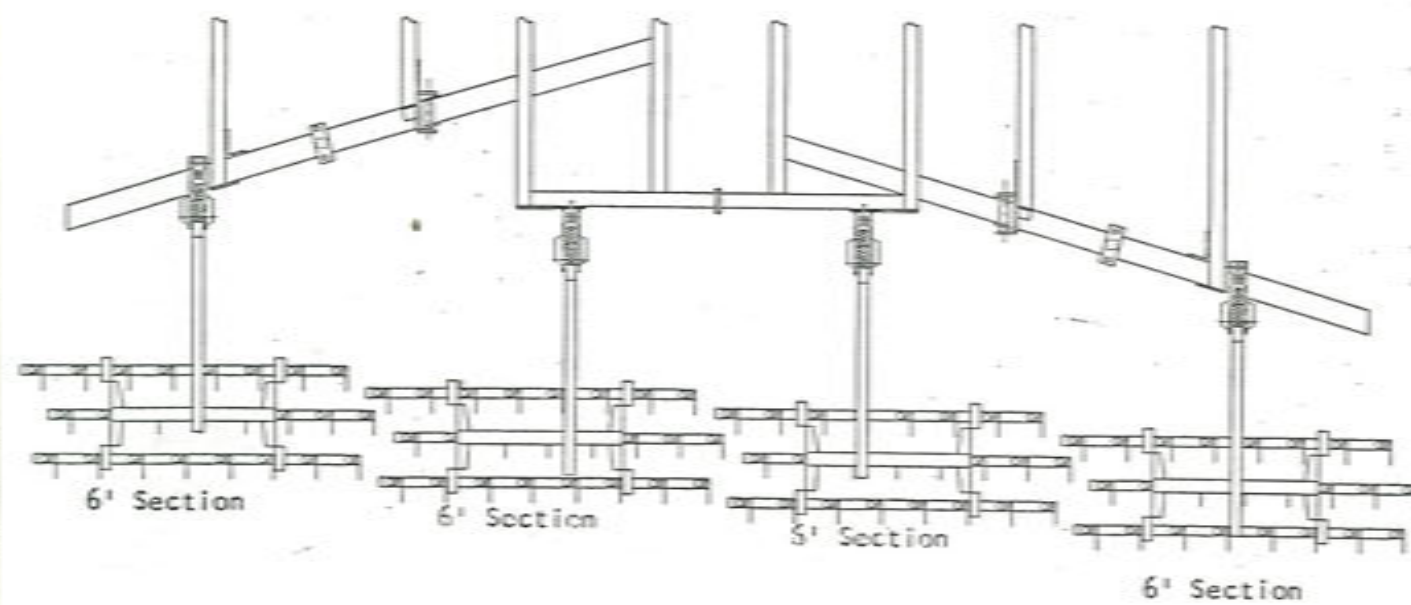
21'0" F15B



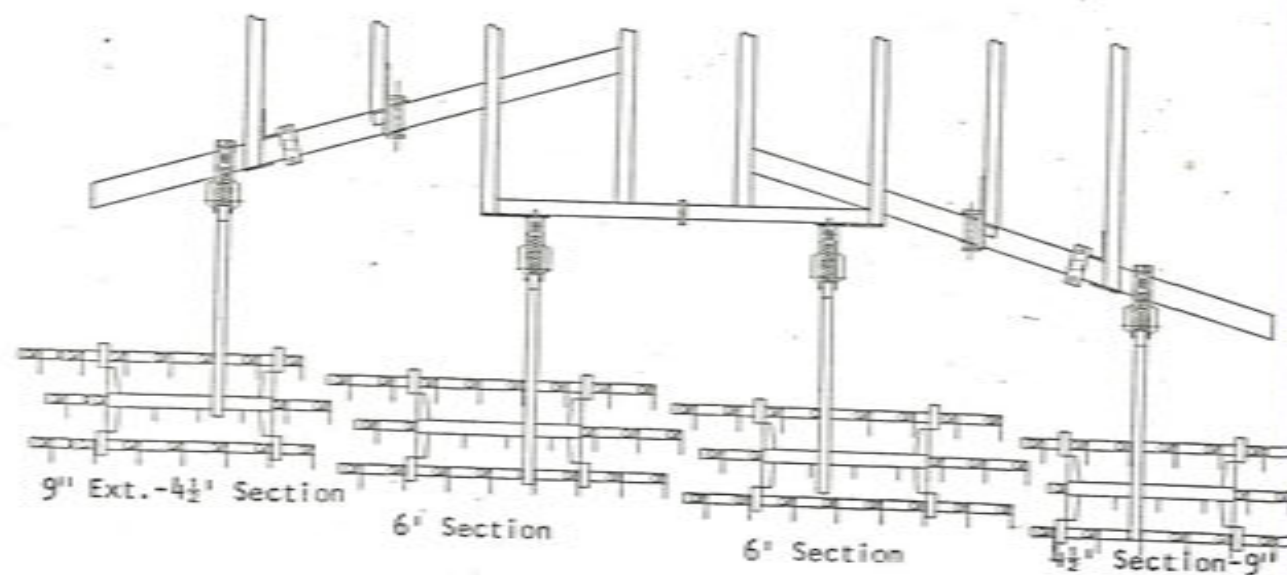
17' 10" & 18' 0" 30 SERIES



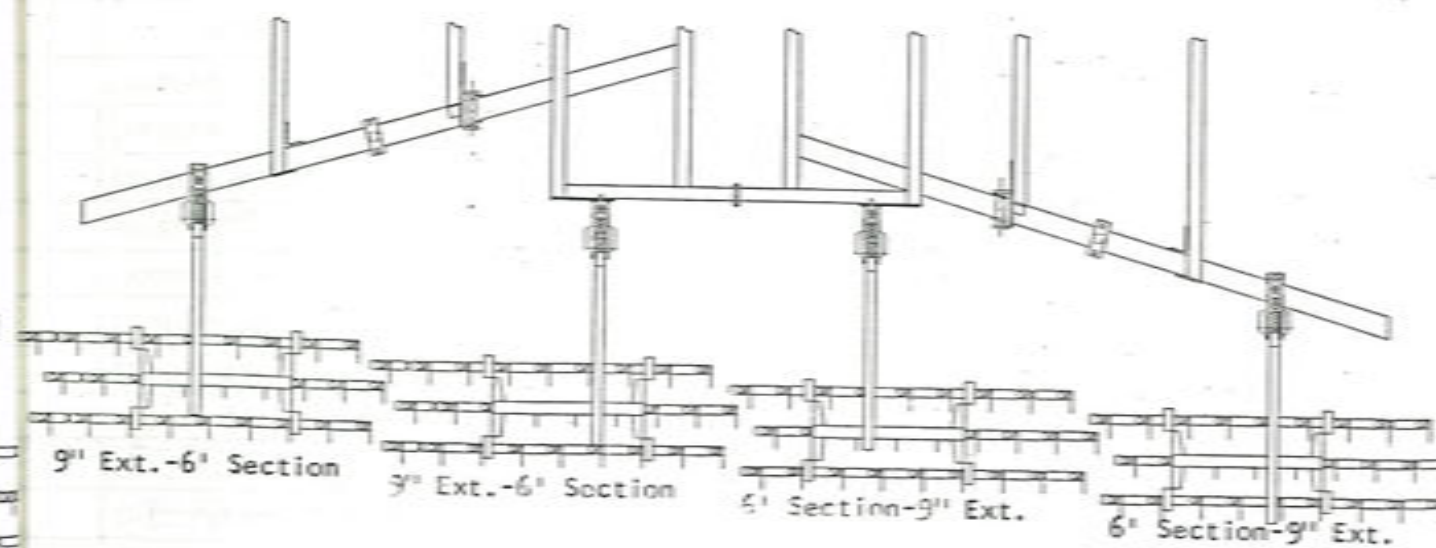
21' 0" & 21' 4" 30 SERIES



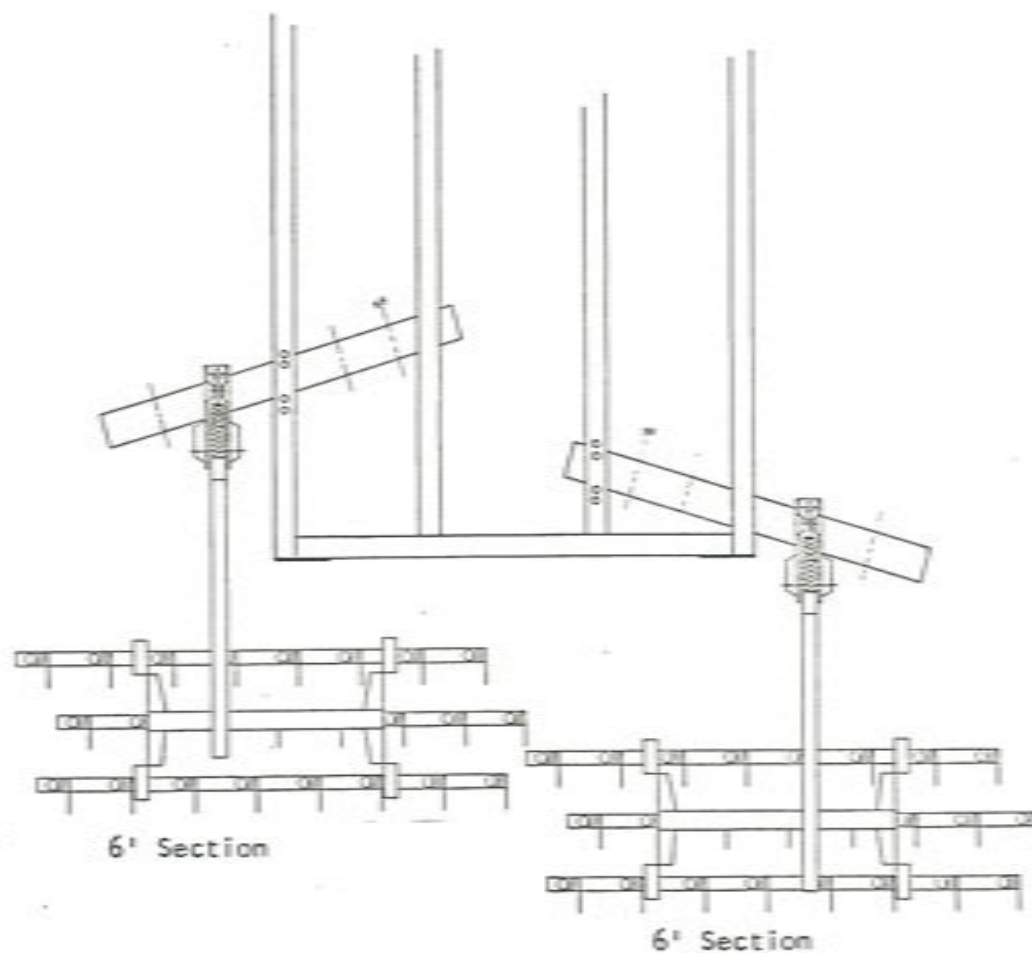
19' 0" & 19' 6" 30 SERIES



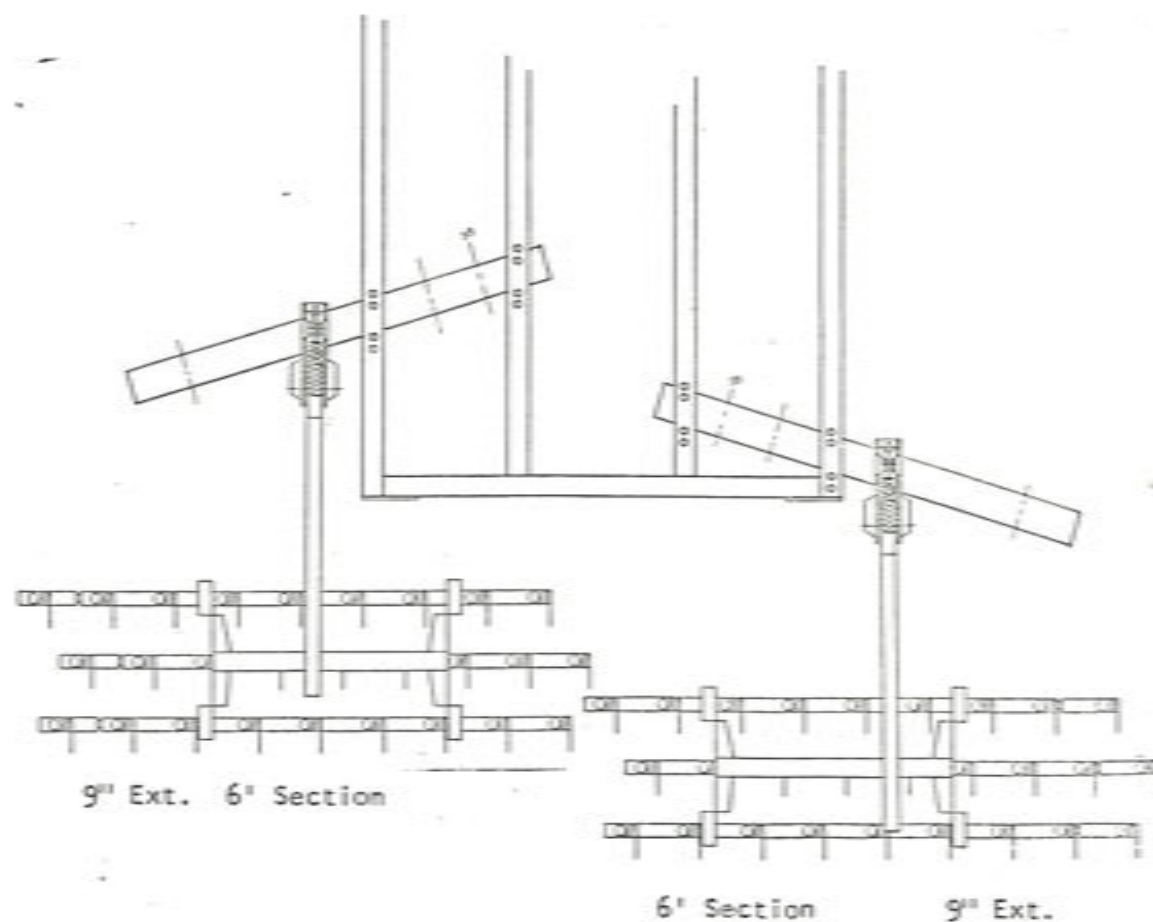
24' 0" 30 SERIES



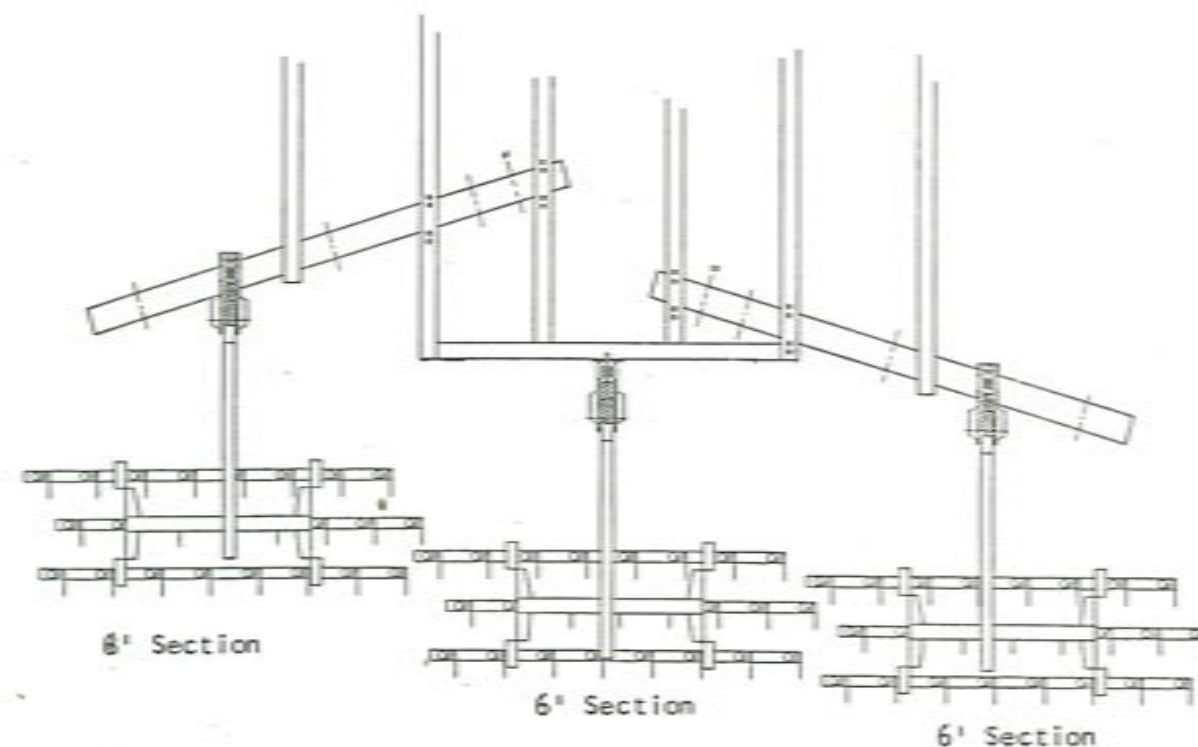
9' 3" F17



10' 6" F17



15' 0" F17



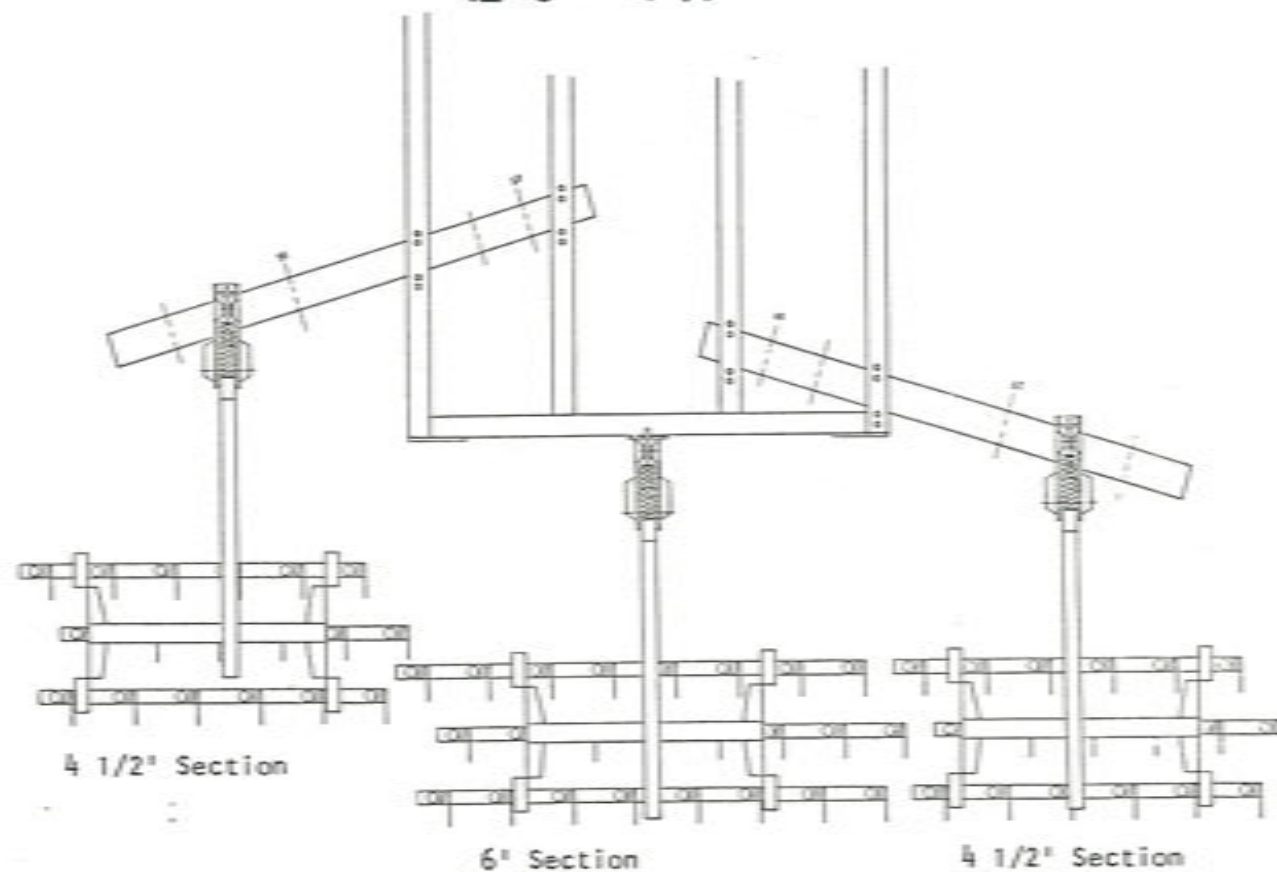
mco
DUCTS

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Joplin, Mo. 64501

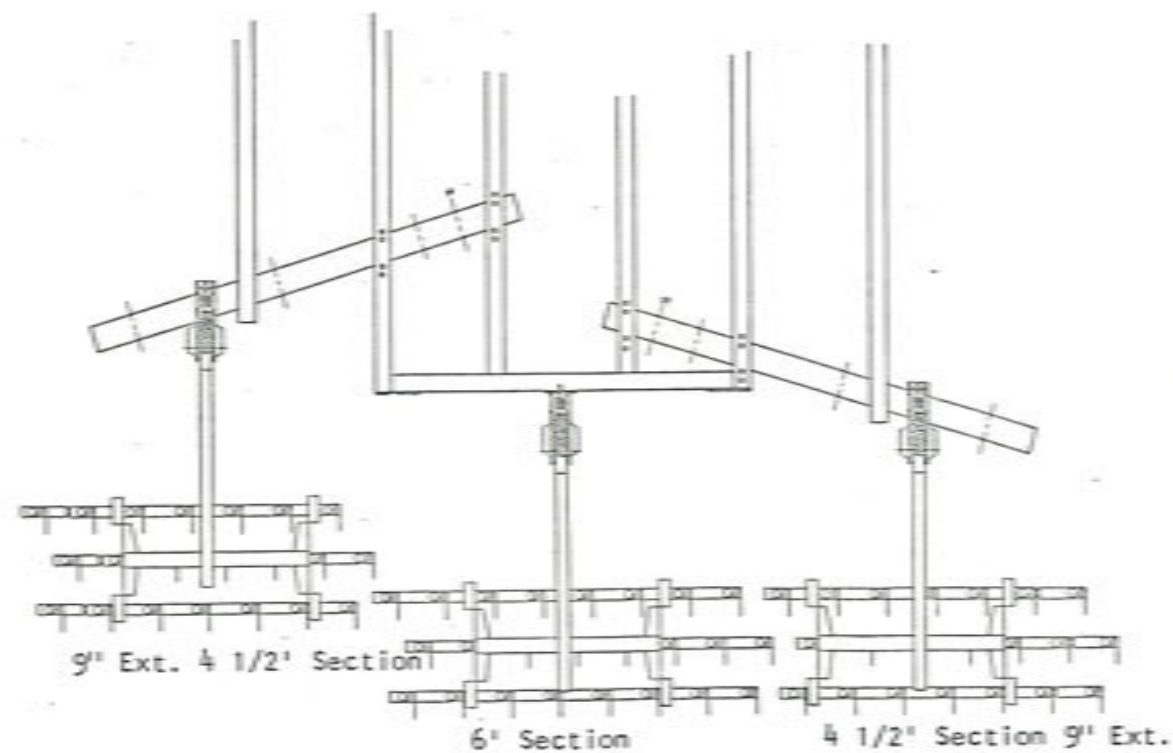
ROLLING BASKET ATTACHMENT - 21 & 22 SERIES
MODEL COIL TINE ATTACHMENT - 21 & 22 SERIES

			RBA21 - 12	RBA21 - 13	RBA21 - 15	RBA21 - 19	RBA21 - 21	CTA21 - 12	CTA21 - 13	CTA21 - 15	CTA21 - 18	CTA21 - 19	CTA21 - 21
	DESCRIPTION	BUNDLE NO.											
	CARRIER ARMS (4)	DC-01-0042				1	1						
	CARRIER ARMS (3)	DC-01-0066	1	1	1								
	BASKET (7 SINGLE)	DC-01-0038		2	3	2	4						
	BASKET (6 SINGLE)	DC-01-0045	3	1		2							
	CARRIER ARMS (4)	DC-01-0042									1	1	1
	CARRIER ARMS (3)	DC-01-0066						1	1	1			
	ZEE BRACKET MOUNTS (8)	DC-01-0044									1	1	1
	ZEE BRACKET MOUNTS (6)	DC-01-0068						1	1	1			
	COIL TINE SECTION 4 1/2'	DC-01-0040						1	1		2	2	
	COIL TINE SECTION 6'	DC-01-0041						2	2	3	2	2	4
	EXTENSION KIT 9"	DC-01-0039							2	2		2	

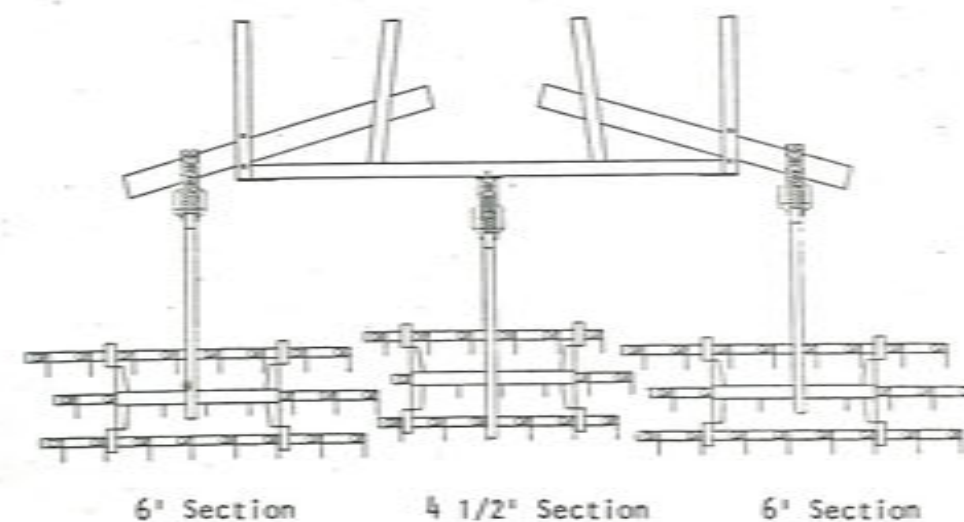
12' 0" F17



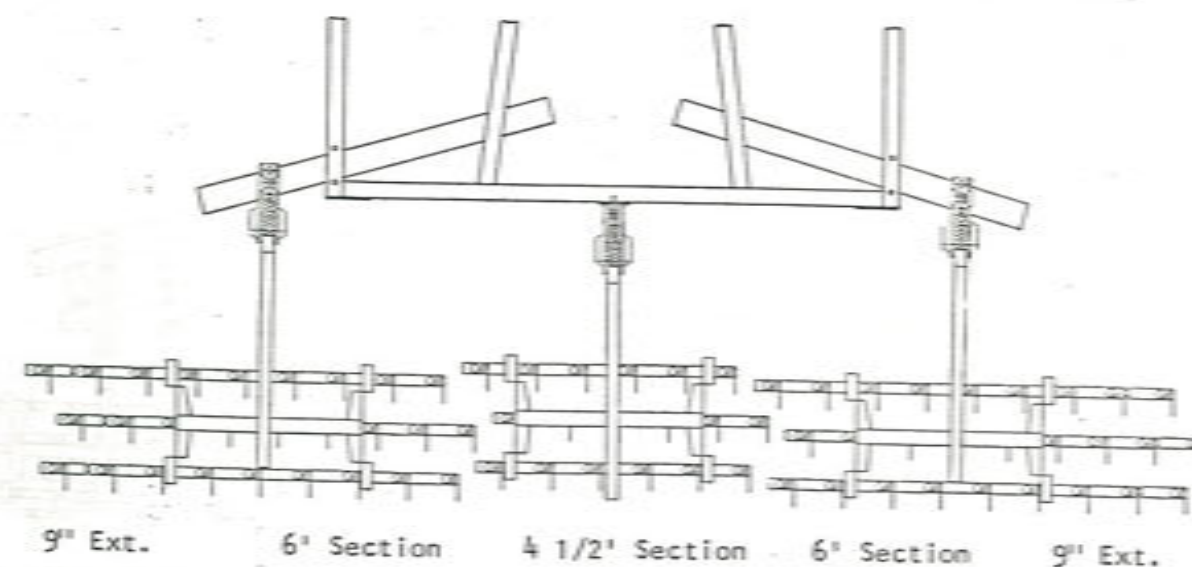
13' 6" F17



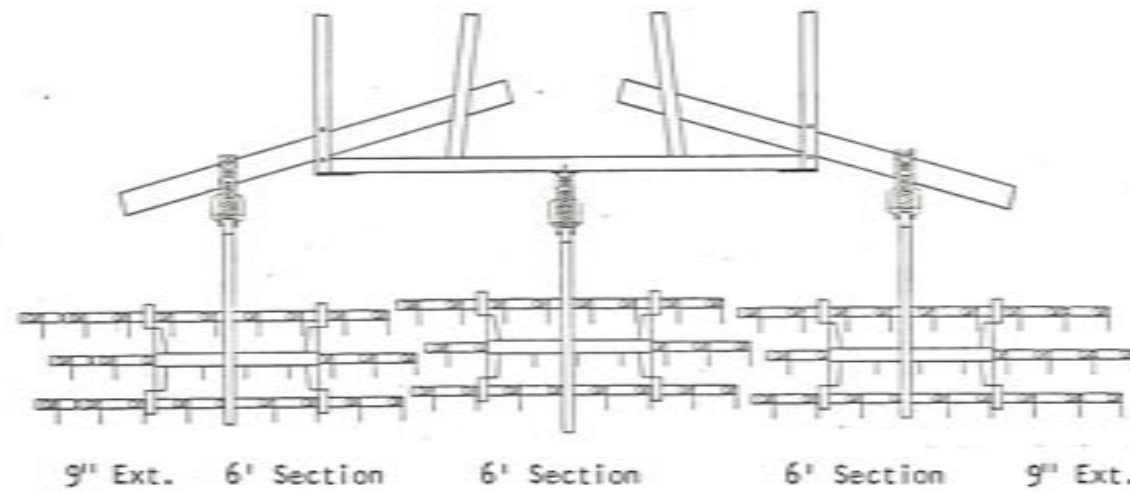
D21 & D22 - 32 BLADE
C21 & C22 - 40 BLADE
DC21 & DC22 - 36 BLADE



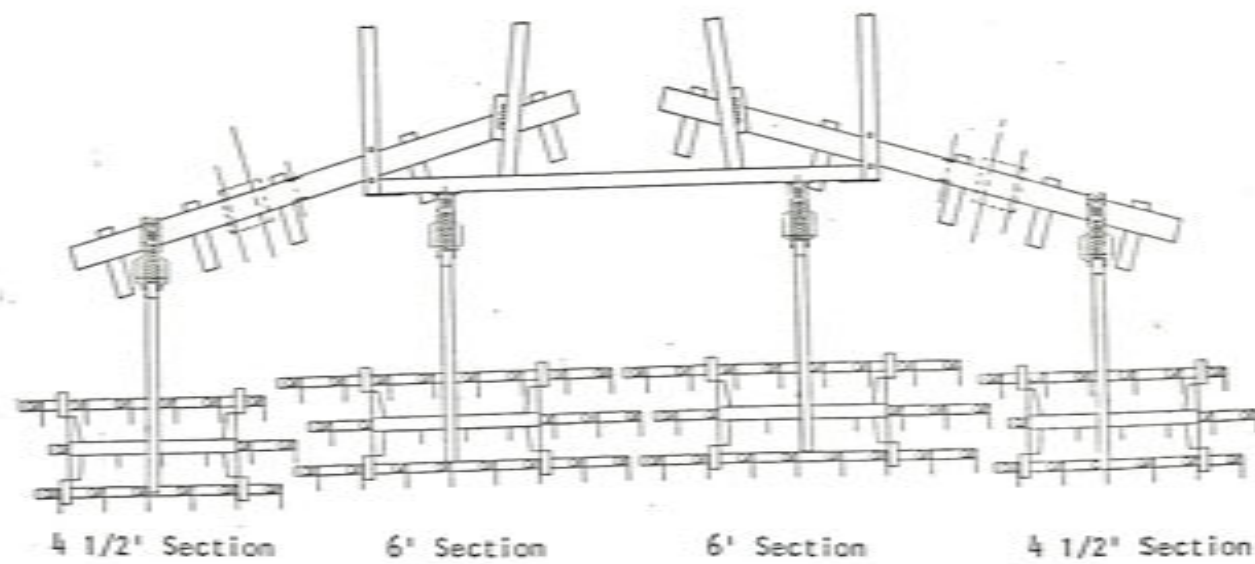
D21 & D22 - 36 BLADE
C21 & C22 - 44 BLADE
DC21 & DC22 - 40 BLADE



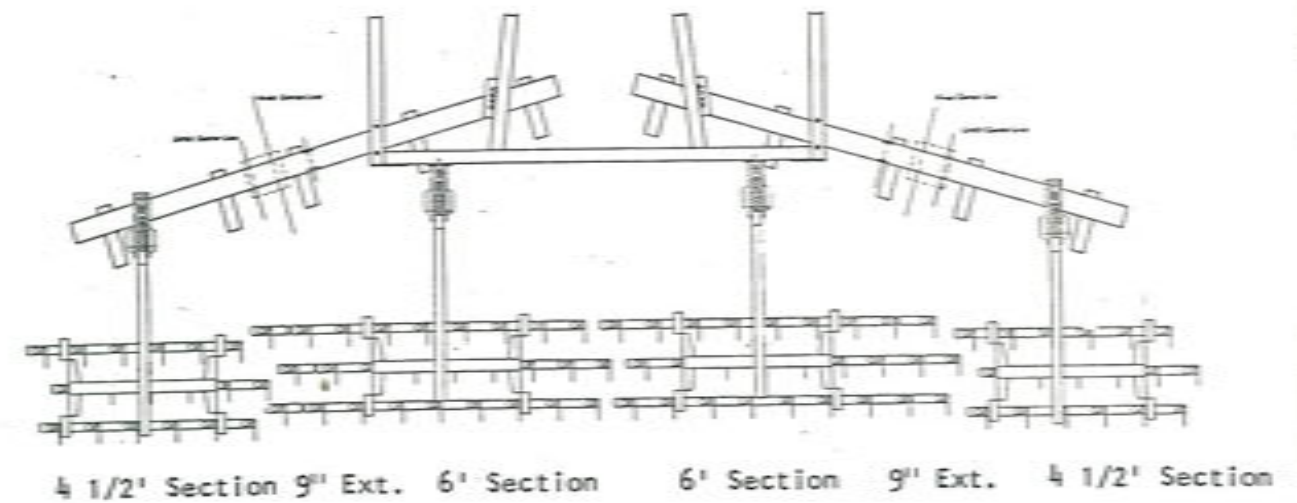
D21 & D22 - 40 BLADE



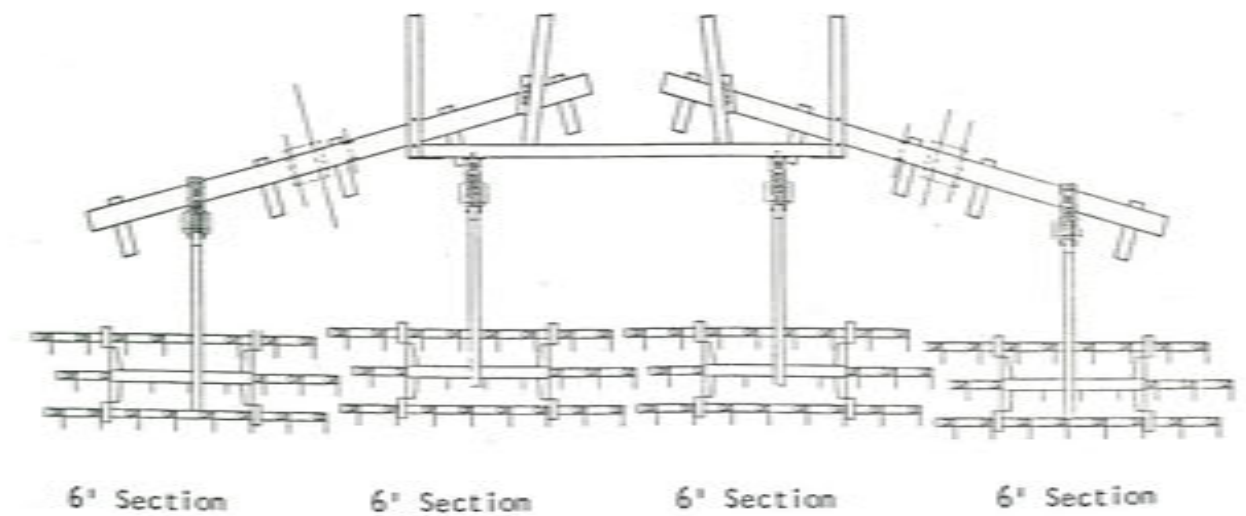
HD21 & HD22 - 48 BLADE
HC21 & HC22 - 60 BLADE



HD21 & HD22 - 52 BLADE
HC21 & HC22 - 64 BLADE



HD21 & HD22 - 56 BLADE
HC21 & HC22 - 68 BLADE
HC21 & HC22 - 72 BLADE



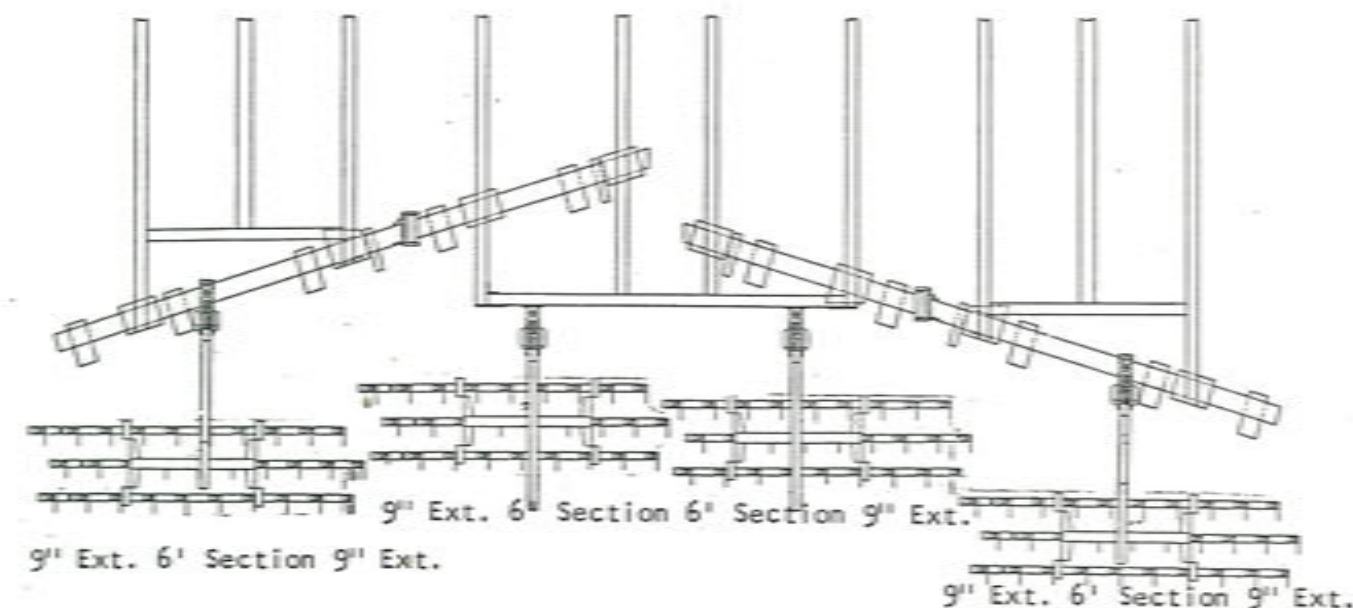


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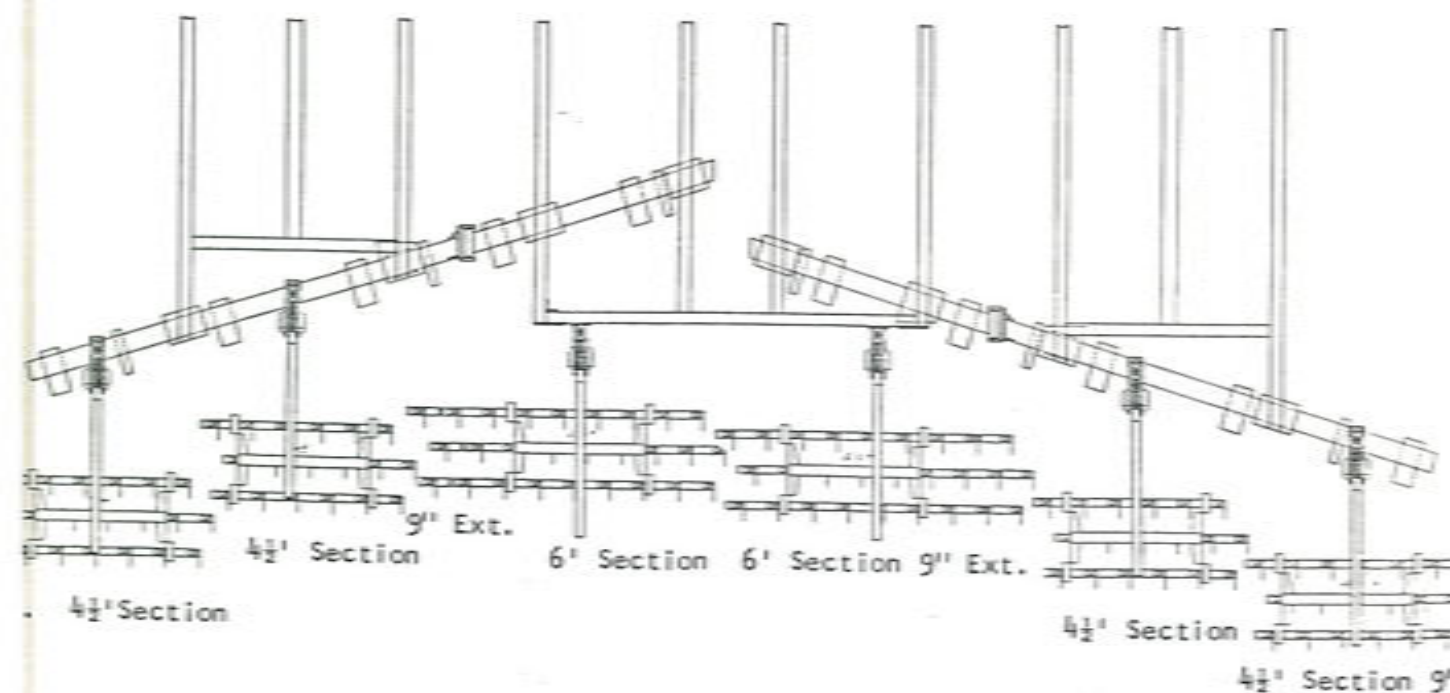
COIL TINE ATTACHMENT - F15
MODEL ROLLING BASKET ATTACHMENT - F15

		DESCRIPTION	BUNDLE NO.	CTA15-16	CTA15-18	CTA15-19	CTA15-21	CTA15-24	RBA15-16	RBA15-18	RBA15-21	RBA15-24
		CARRIER ARMS (4)	DC-01-0042	1	1	1	1		1	1		
		CARRIER ARMS (6)	DC-01-0043					1			1	1
		ZEE BRACKET MOUNTS (8)	DC-01-0044	1	1	1	1					
		ZEE BRACKET MOUNTS (12)	DC-01-0046					1				
		COIL TINE SECTION 6'	DC-01-0041		2	2	2					
		COIL TINE SECTION 4½'	DC-01-0040	4	2	2	2	6				
		EXTENSION KIT 9"	DC-01-0039	2		2	4					
		BASKET (7 SINGLE)	DC-01-0038							2		
		BASKET (5 SINGLE)	DC-01-0037								4	2
		BASKET (6 SINGLE)	DC-01-0045						4	2	2	4

F15 - 27'



F15 - 30'



ROLLING BASKET HARROW INSTALLATION INSTRUCTIONS

AMCO Rolling Basket Harrow Attachments are shipped from the factory with maximum pre-assembly in the following bundles:

- A. Carrier Arms
- B. 7 Basket Section
- C. 6 Basket Section
- D. 5 Basket Section

Refer to the model descriptions for the quantity required for your model disk harrow.

STEP 1 Select a clear level area to assemble the harrow attachments to the disk harrow. Park the disk harrow with the wings unfolded and the blades on the ground. Remove strapping from bundles.

Note: The right and left hand sides of the harrow are determined by standing at the rear of the harrow and facing the direction of travel.

STEP 2 Refer to the proper rolling basket harrow installation diagram for your disk harrow model at the end of this section and install the main frame carrier arms as shown to the rear rail with $1/2"$ x 5" bolts, leaving all bolts loose.

STEP 3 Install the right hand and left hand wing carrier arms as shown in the installation diagram with $5/8"$ x 5 bolts to the wing gang frames, leaving all bolts loose.

STEP 4 Loosely attach the proper harrow section to the proper carrier arm by attaching the $2\ 1/2"$ square cross tube to the carrier arm feet, Page 8 (Ref. No. 16), with $1/2"$ "U" bolts. Loosen the $1/2"$ x $3\ 1/2"$ bolts that clamp the carrier arm feet to the carrier arm. Adjust the position of the rolling basket sections to match the installation diagram for your disk harrow. Shift each carrier arm so that it is located as near to the center of the rolling basket as possible. Make sure that the harrow sections overlap, but allow sufficient clearance between sections to eliminate contact during operation. After the harrow sections and carrier arms have been placed in the proper location and adjusted, tighten all bolts.



Note: The harrow should now be ready for operation. Make sure all fasteners are properly tightened before operating the disk harrow. Check to make sure that the 5/8" pivot bolts (Ref. No. 9 & 10) are not overtightened and that the carrier arms are free to flex.



CAUTION Back-heavy implements can fall backward and flip the tongue upward suddenly. Before unhitching, lower implement to the ground or use an approved rear parking stand.

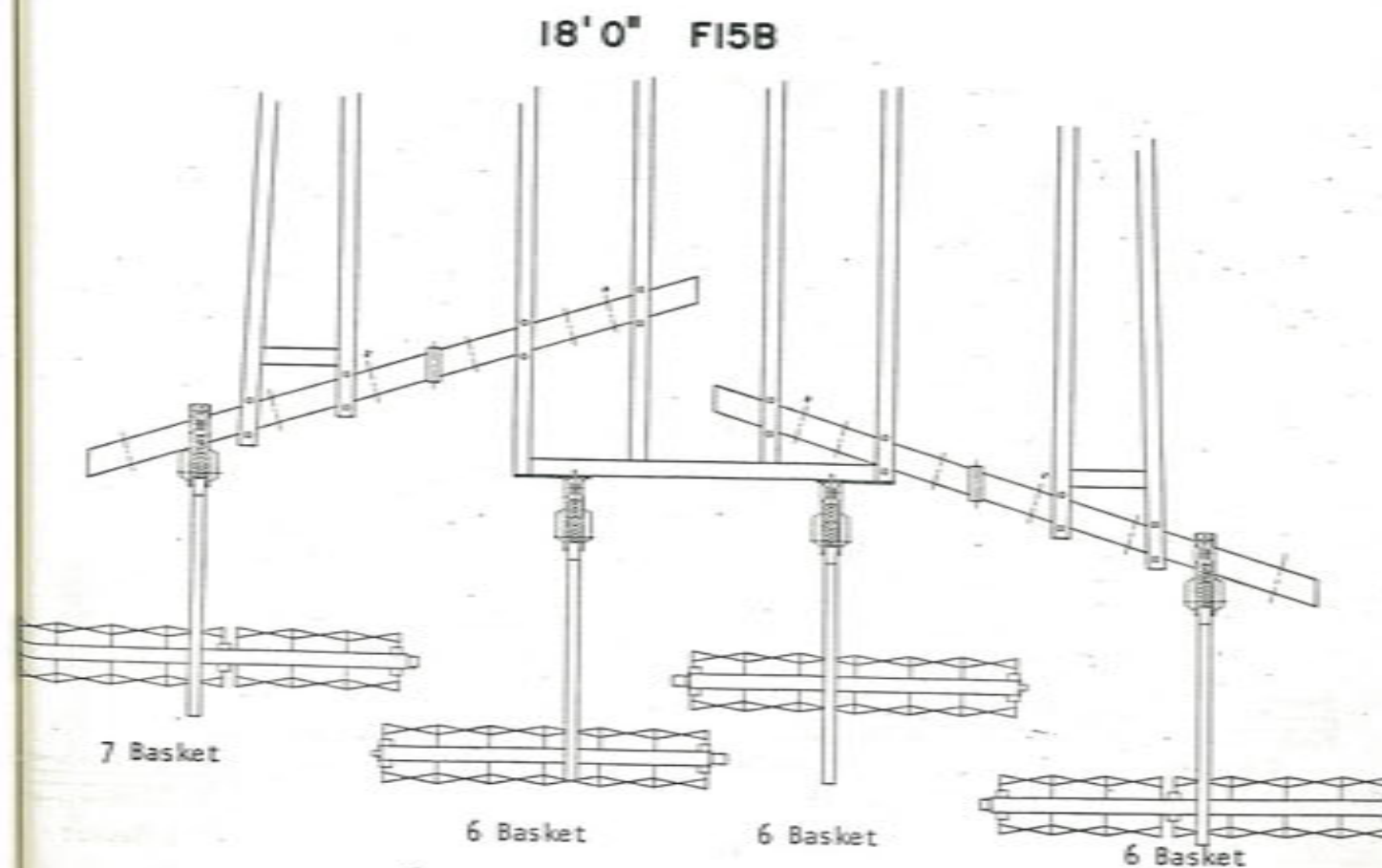
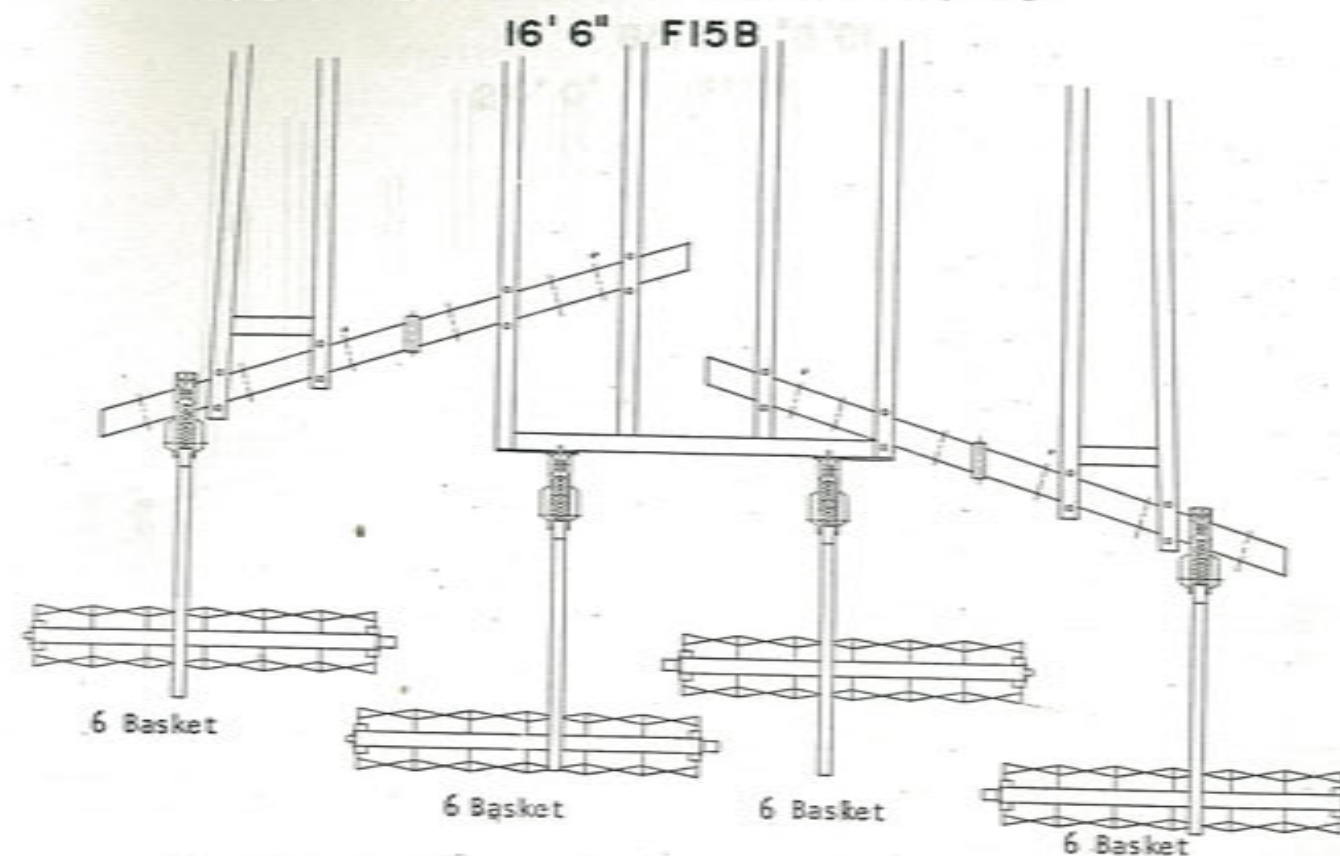


CAUTION While in transport, back-heavy implements exert a lifting force on the towing vehicle. Tow only with a tractor or other vehicle with adequate rear weight.

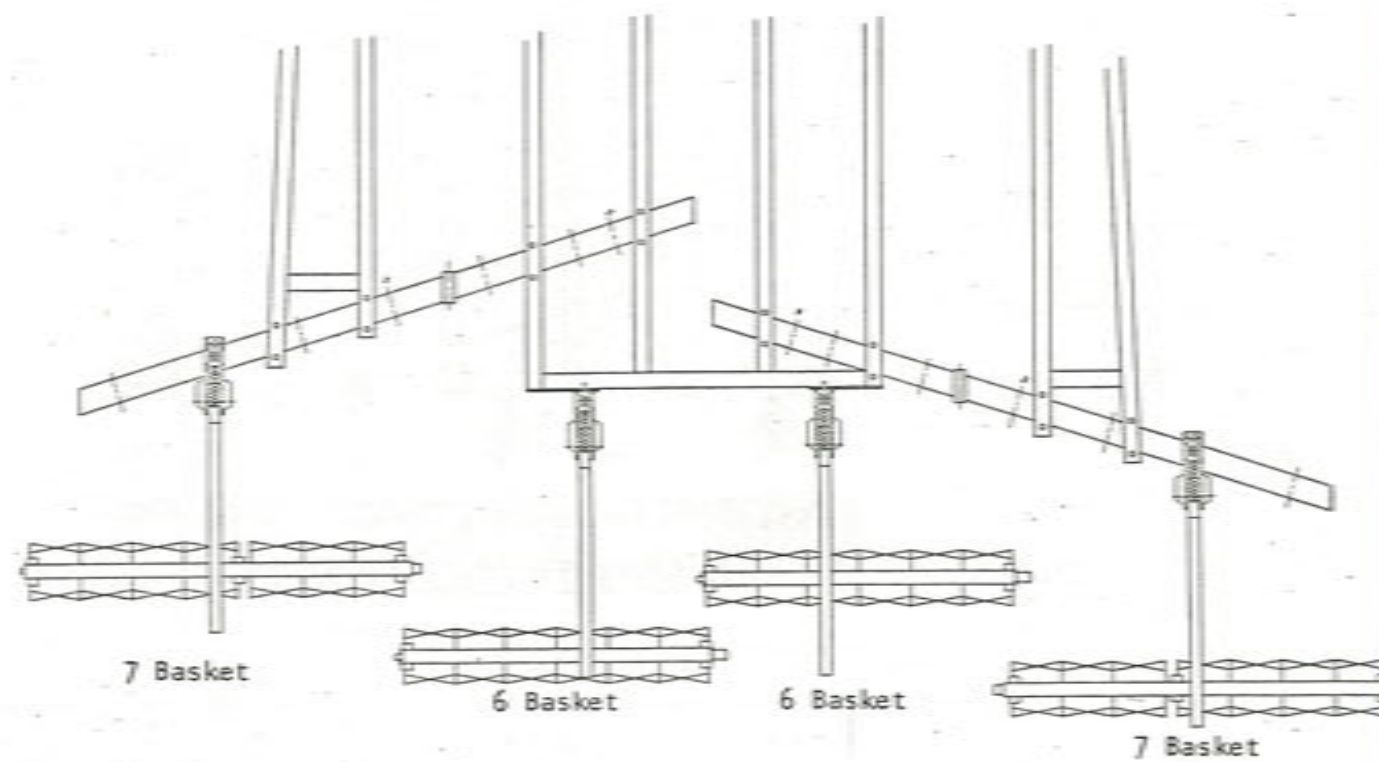
operating instructions

Pull the disk harrow through the soil until it is plowing at the desired depth and the frame is level. Leave the disk in the ground and adjust the harrows so that the baskets are running 1" to 2" in the ground by changing the pressure rod (Ref. No. 5) mounting. Raise the disk harrow and adjust the nut on the rear of the pressure rod until all harrow sections are level.

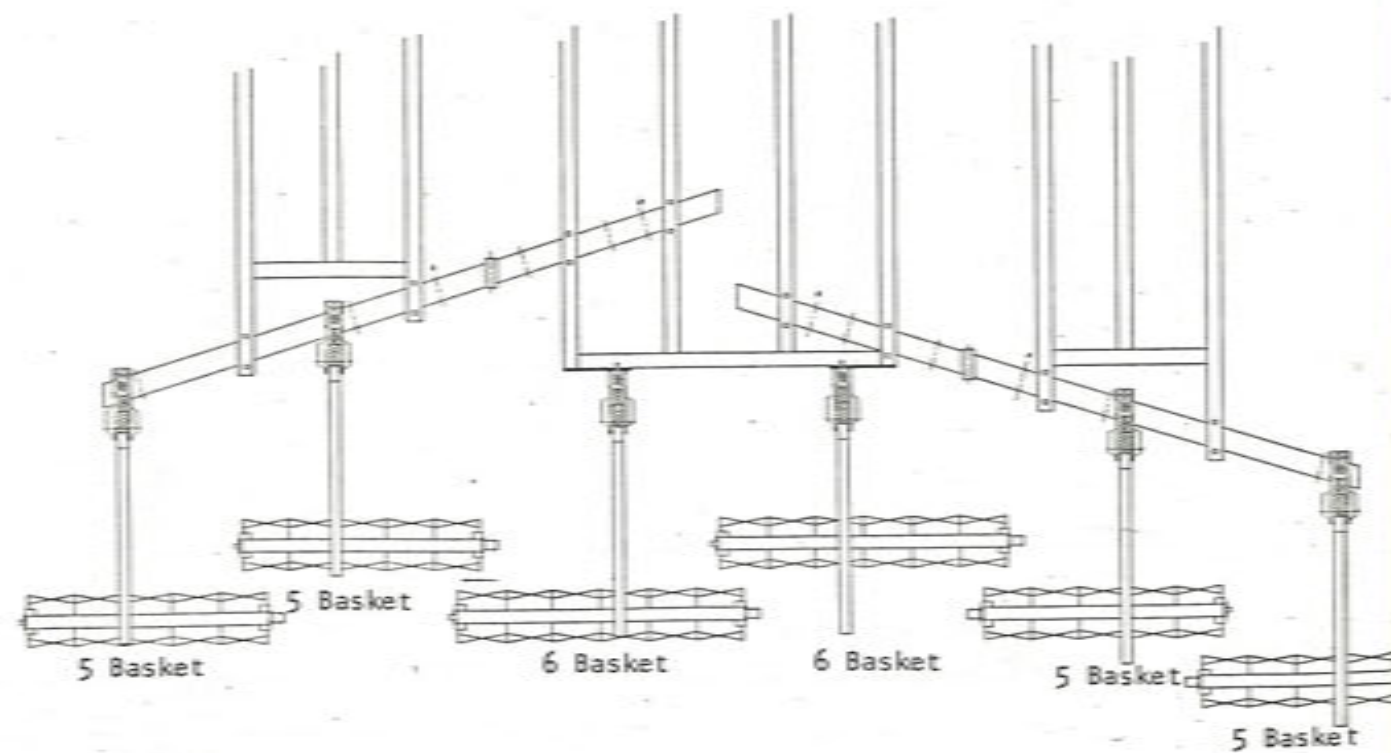
ROLLING BASKET INSTALLATION DIAGRAMS



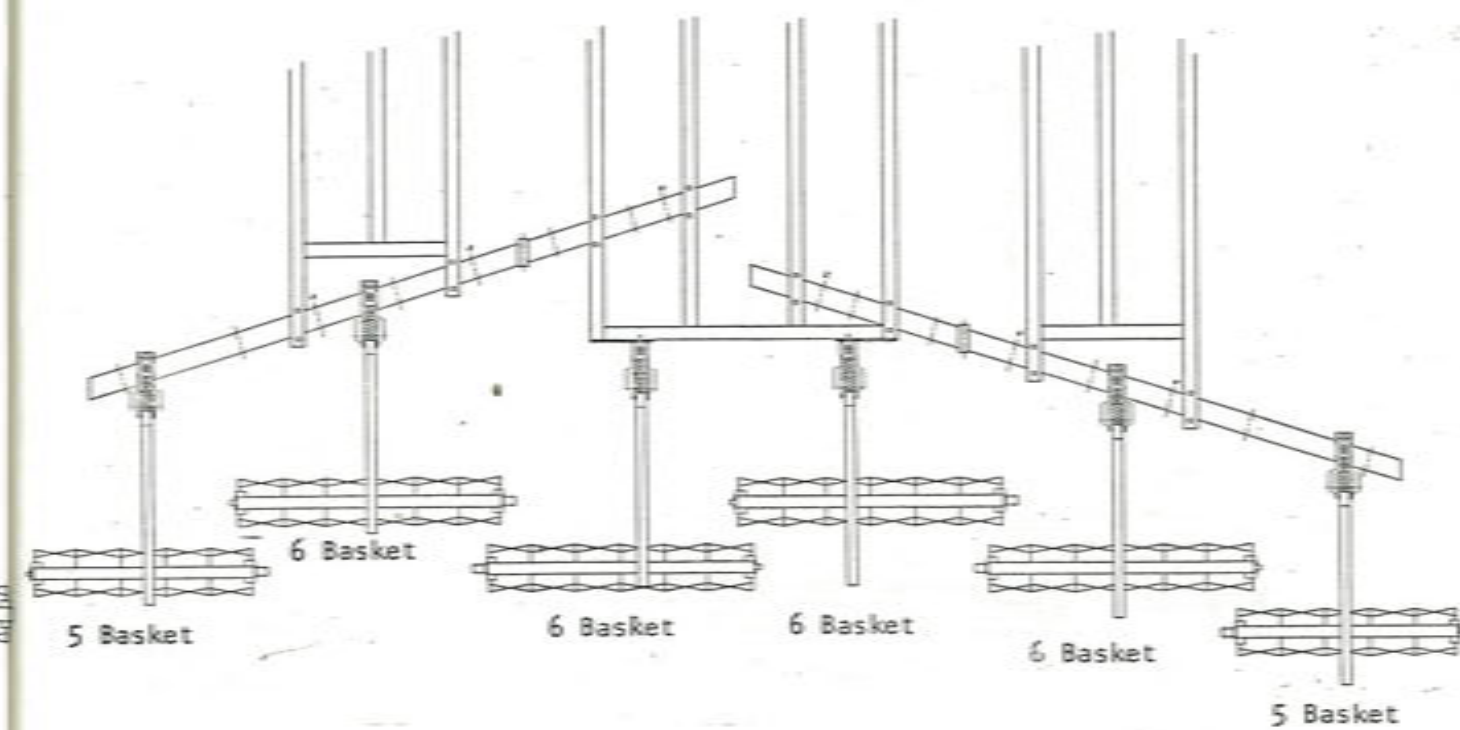
19' 6" F15B



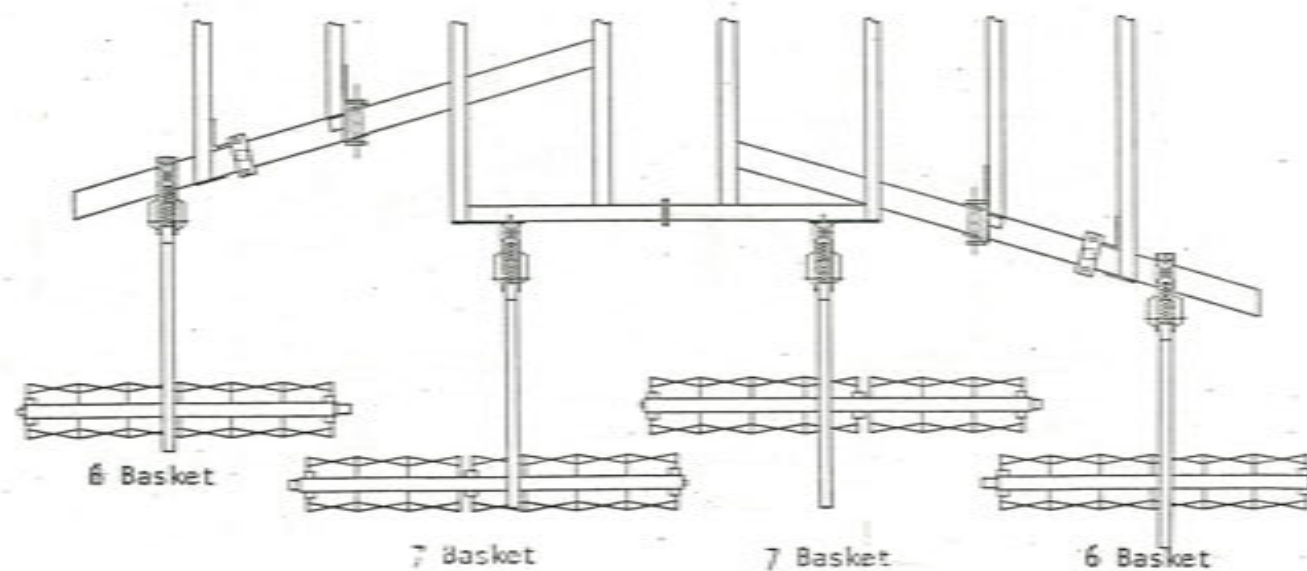
21' 0" F15B



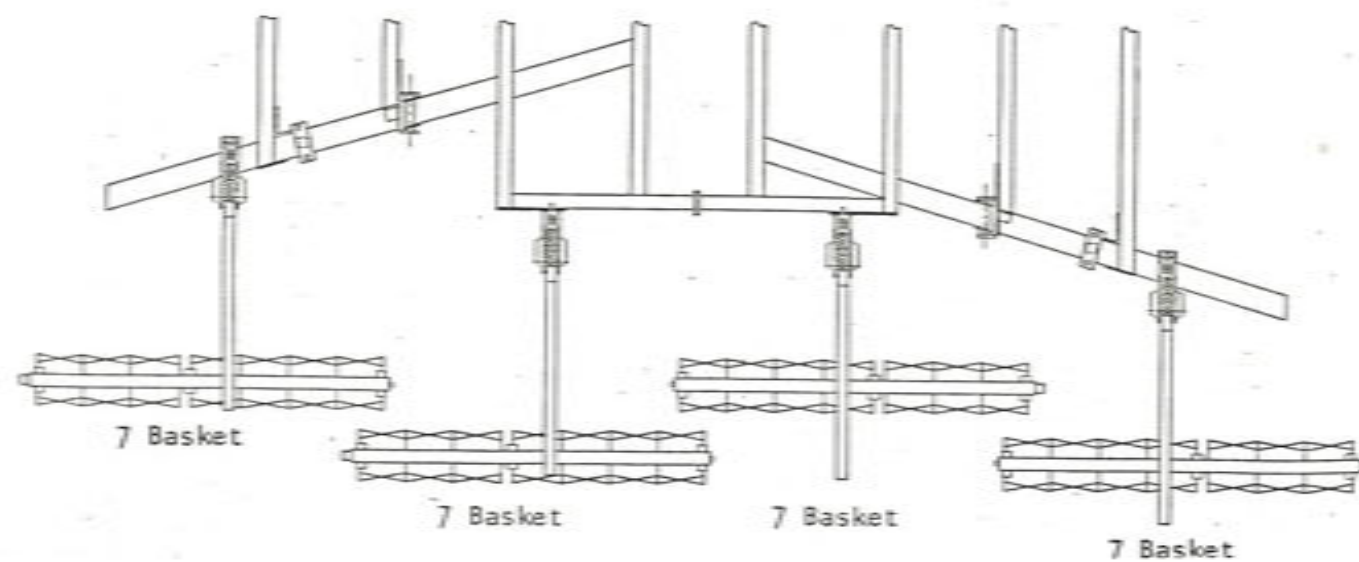
24' 0" F15B



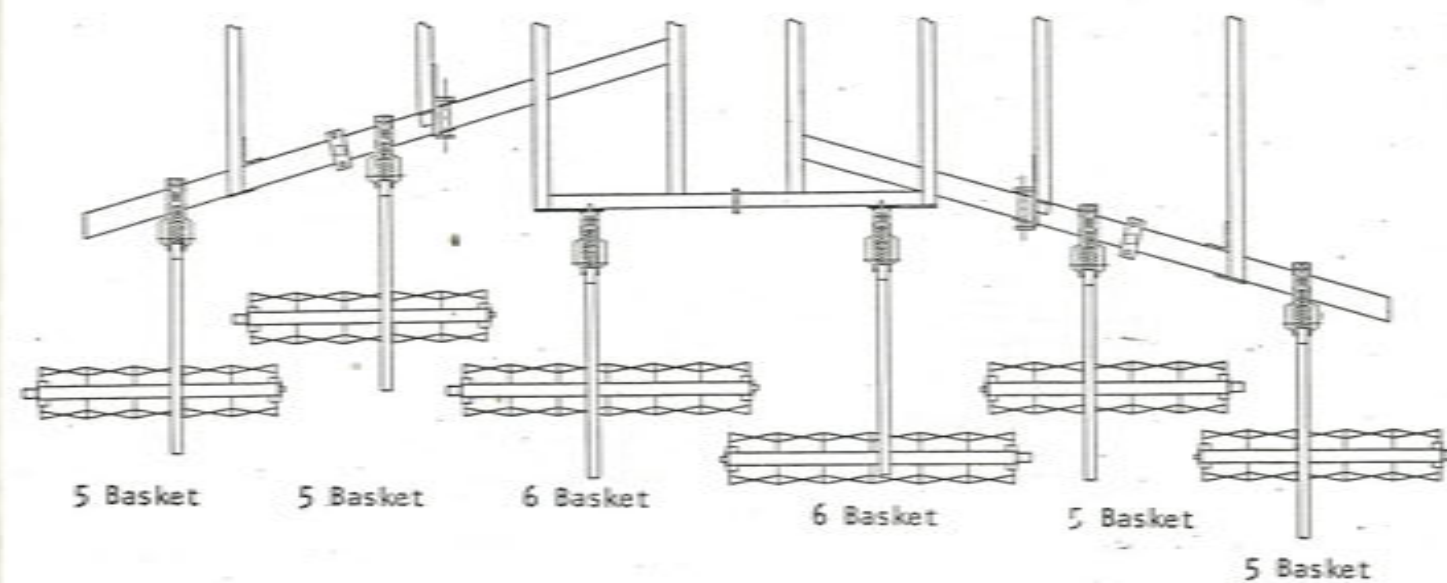
17' 10" & 18' 0" 30 SERIES



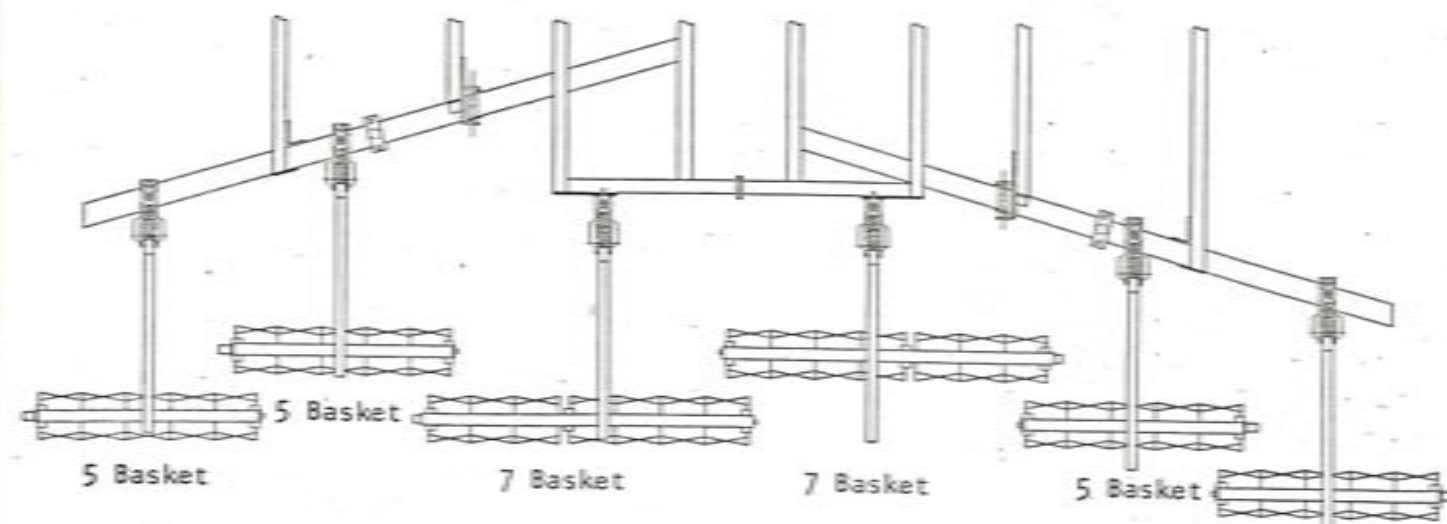
19' 0" & 19' 6" 30 SERIES



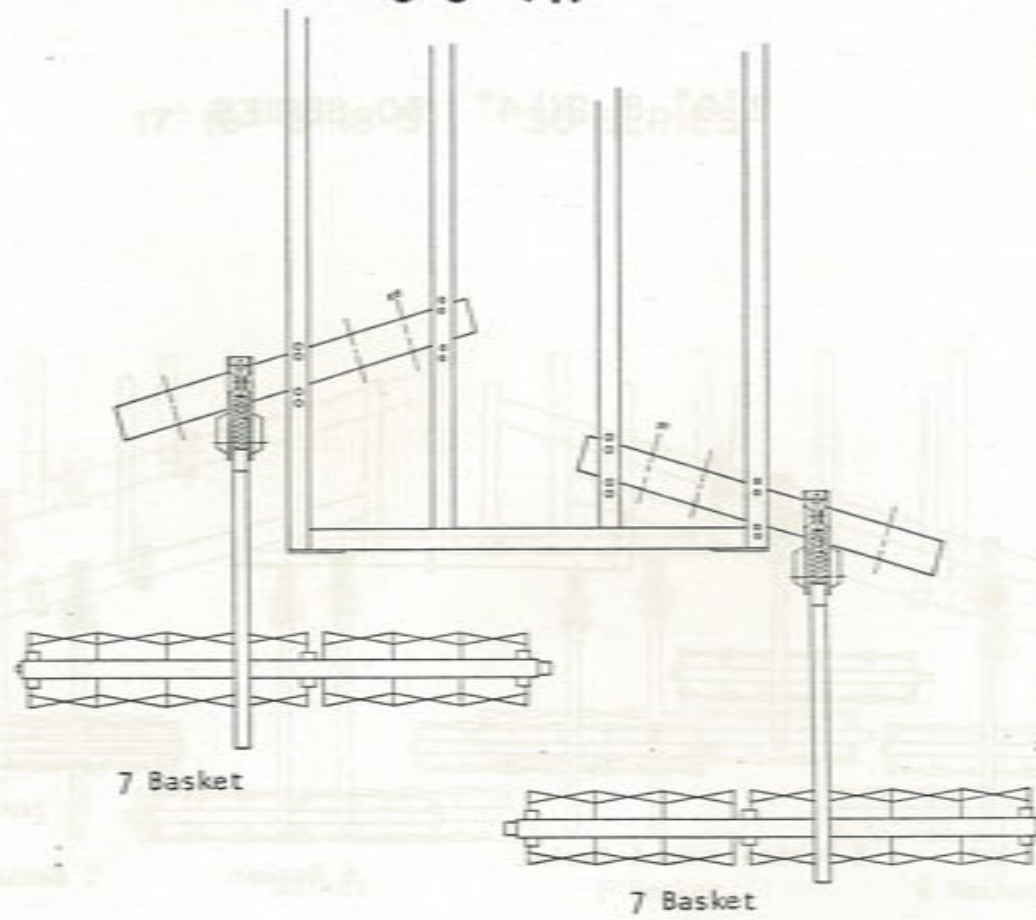
21' 0" & 21' 4" 30 SERIES



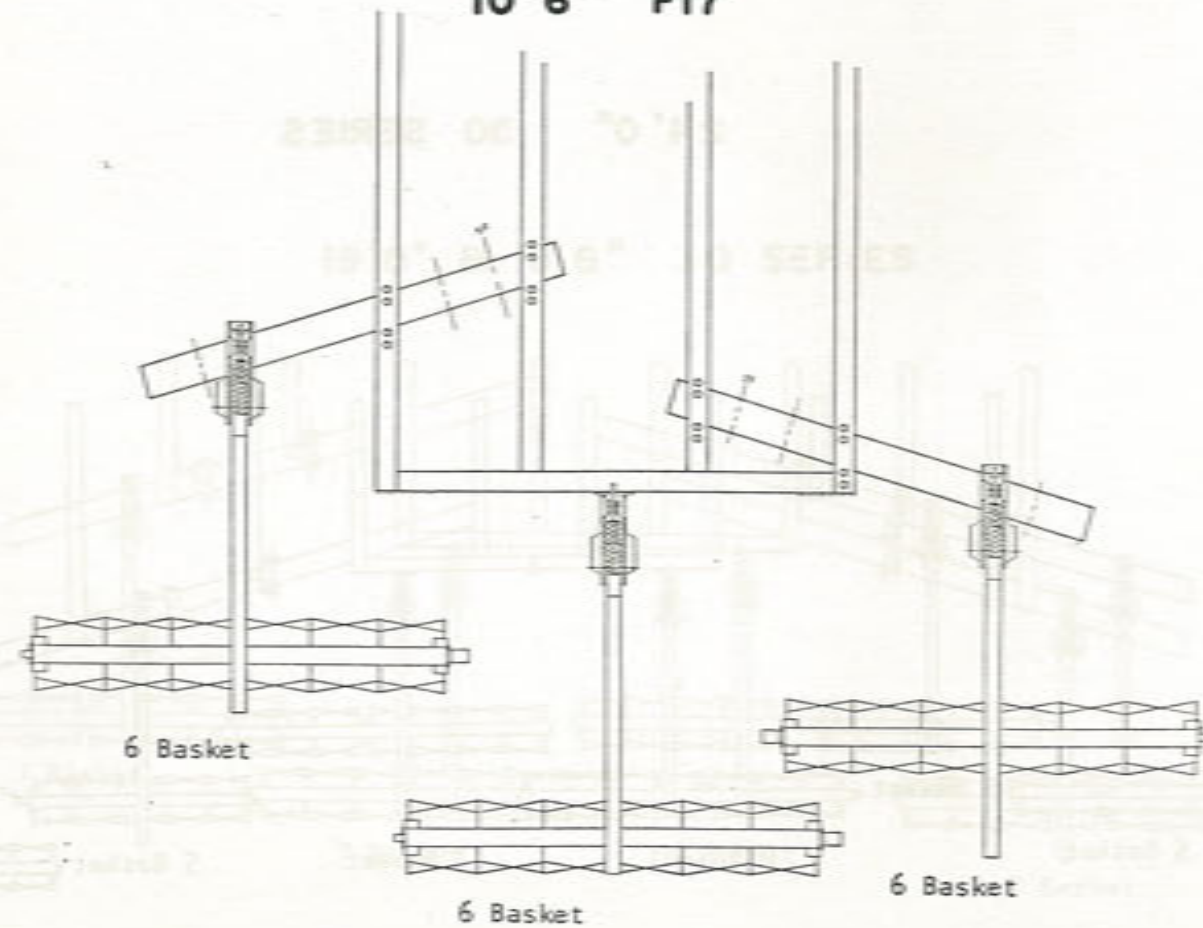
24' 0" 30 SERIES



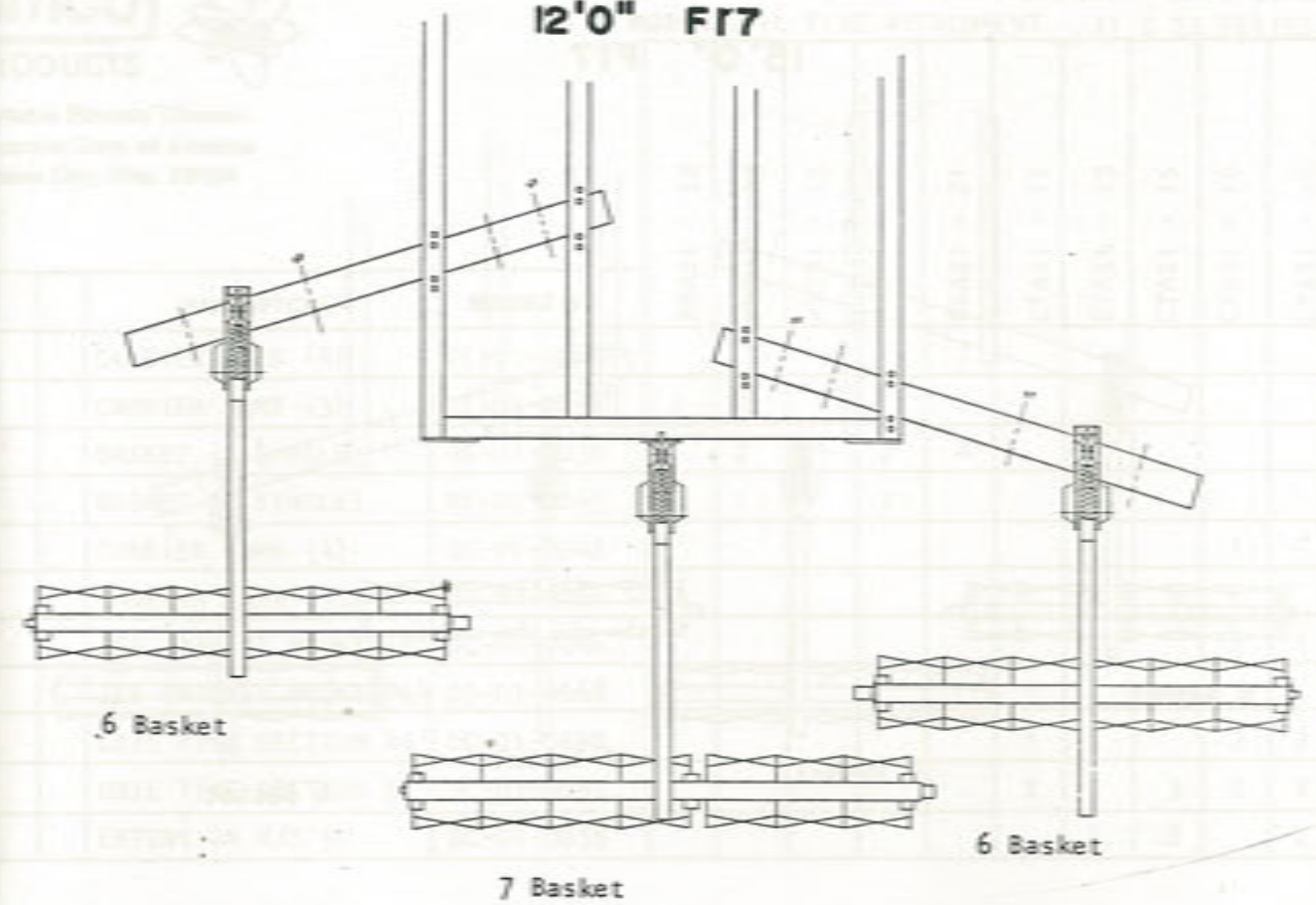
9' 3" FI7



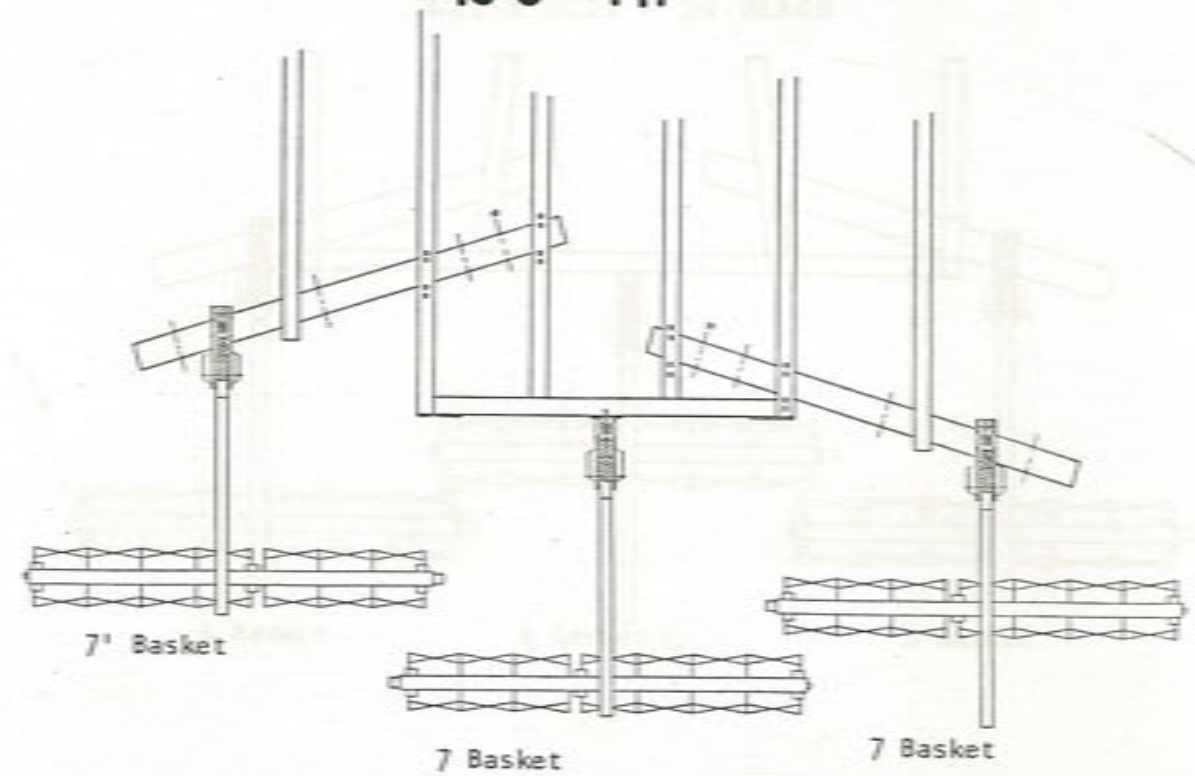
10' 6" FI7

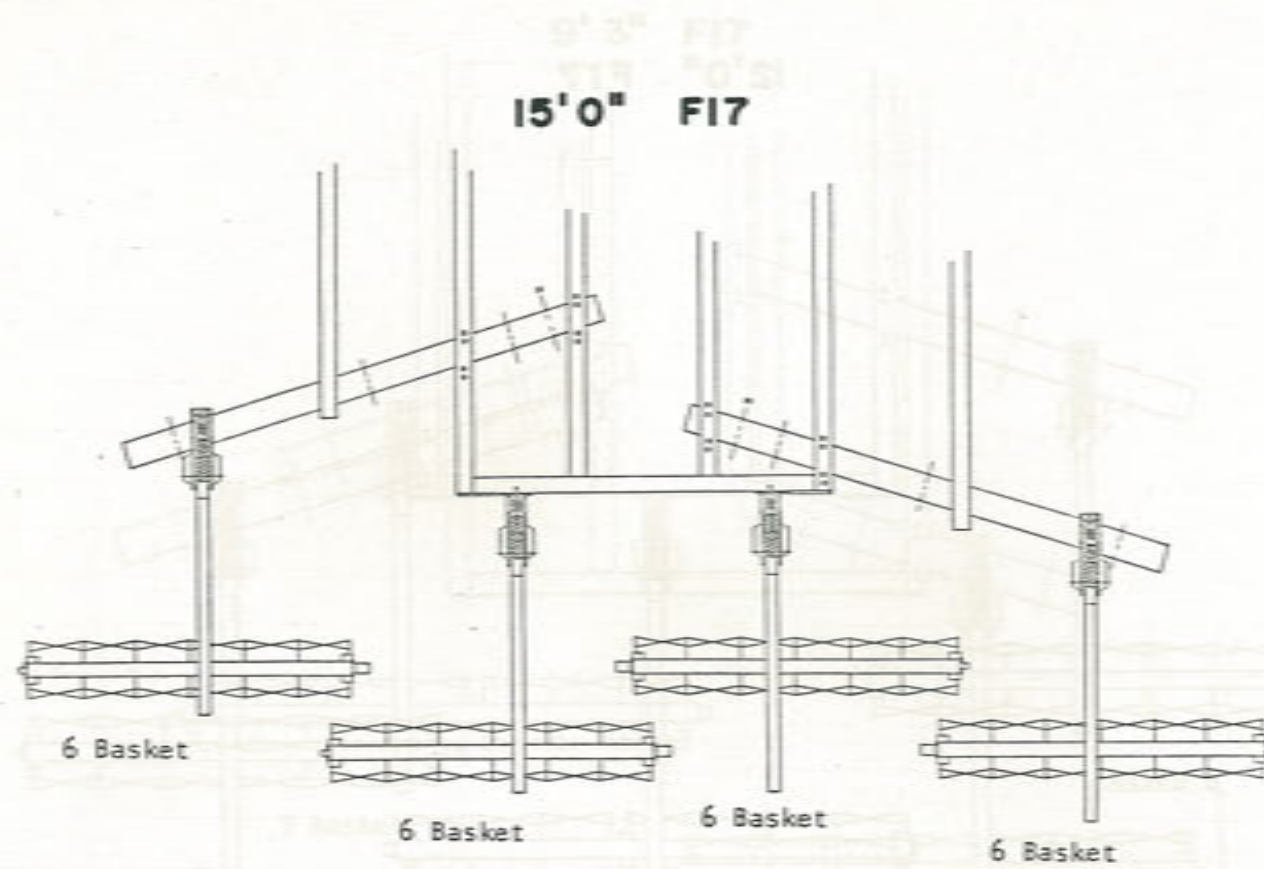


12' 0" FI7



13' 6" FI7



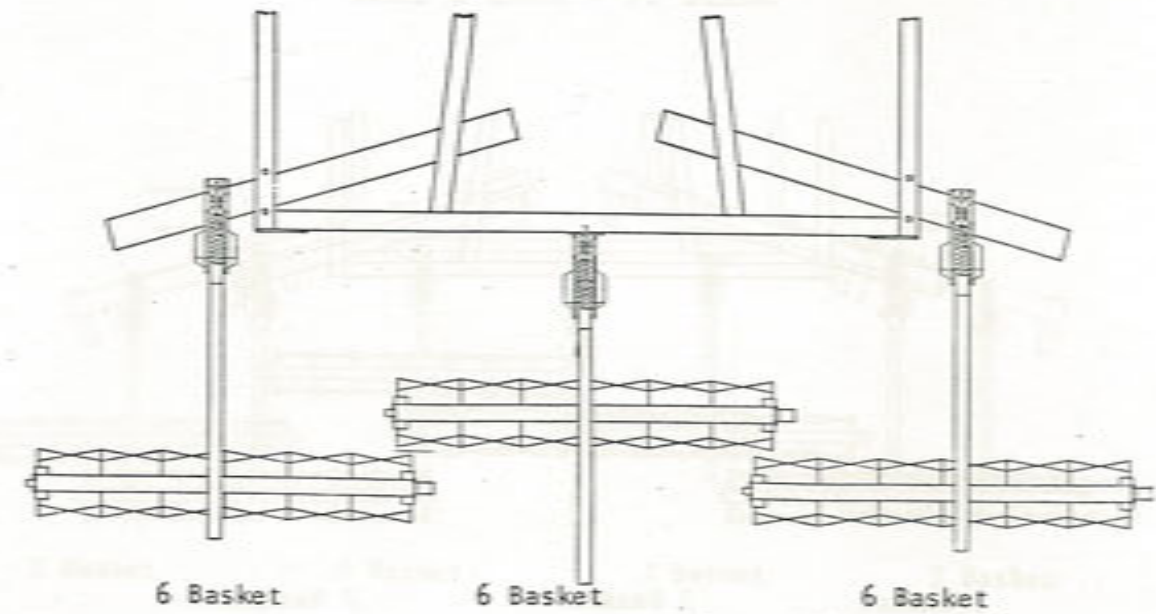


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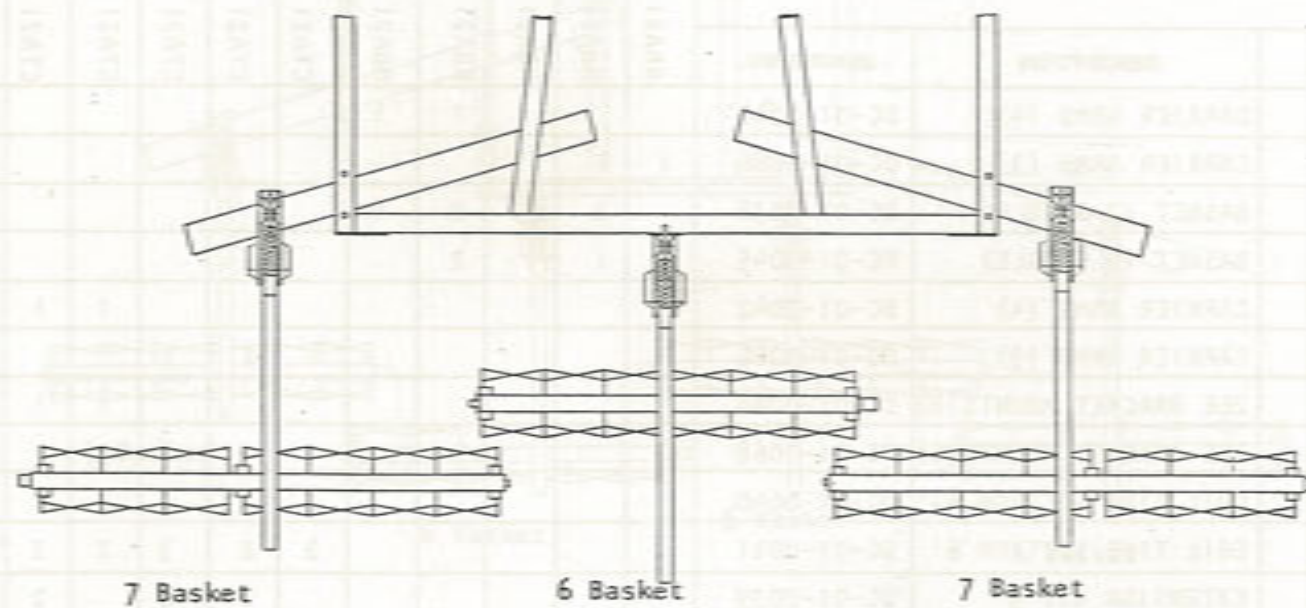
ROLLING BASKET ATTACHMENT - 21 & 22 SERIES
MODEL COIL TINE ATTACHMENT - 21 & 22 SERIES

		DESCRIPTION	BUNDLE NO.	RBA21 - 12	RBA21 - 13	RBA21 - 15	RBA21 - 19	RBA21 - 21	CTA21 - 12	CTA21 - 13	CTA21 - 15	CTA21 - 18	CTA21 - 19	CTA21 - 21
		CARRIER ARMS (4)	DC-01-0042				1	1						
		CARRIER ARMS (3)	DC-01-0066	1	1	1								
		BASKET (7 SINGLE)	DC-01-0038		2	3	2	4						
		BASKET (6 SINGLE)	DC-01-0045	3	1		2							
		CARRIER ARMS (4)	DC-01-0042									1	1	1
		CARRIER ARMS (3)	DC-01-0066						1	1	1			
		ZEE BRACKET MOUNTS (8)	DC-01-0044									1	1	1
		ZEE BRACKET MOUNTS (6)	DC-01-0068						1	1	1			
		COIL TINE SECTION 4 1/2"	DC-01-0040						1	1		2	2	
		COIL TINE SECTION 6'	DC-01-0041						2	2	3	2	2	4
		EXTENSION KIT 9"	DC-01-0039							2	2		2	

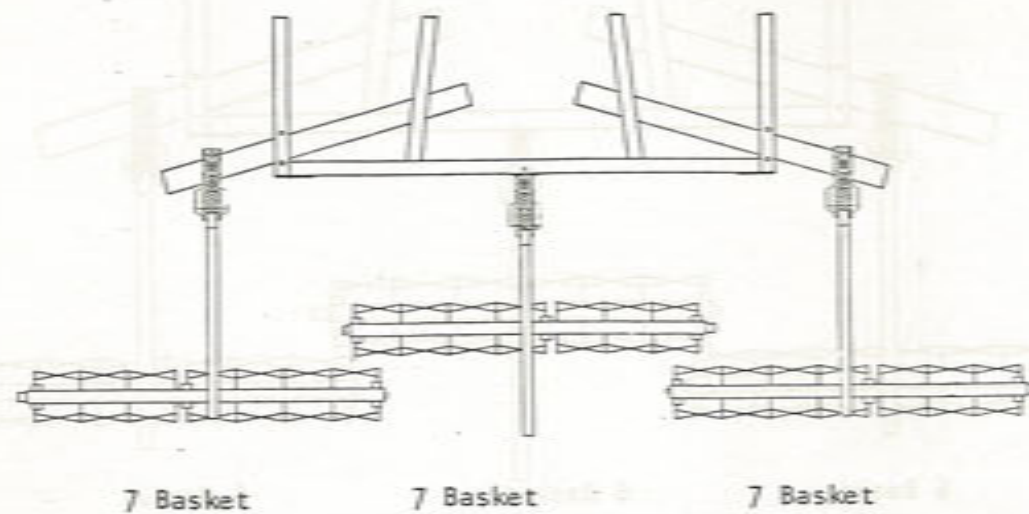
D21 & D22 - 32 BLADE
C21 & C22 - 40 BLADE
DC21 & DC22 - 36 BLADE



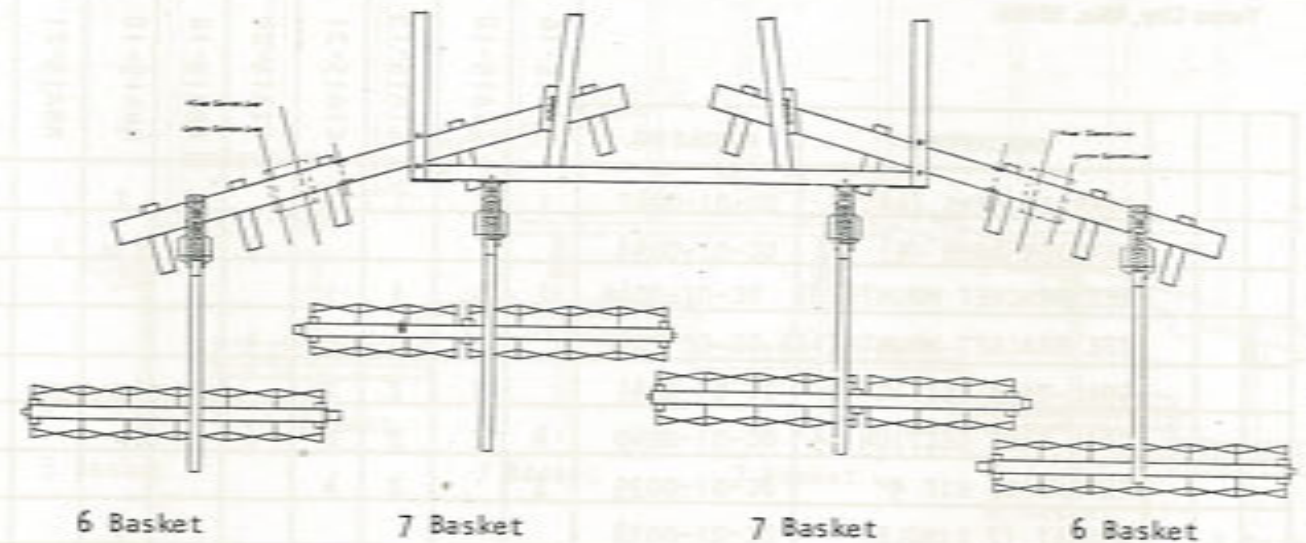
D21 & D22 - 36 BLADE
 C21 & C22 - 44 BLADE
 DC21 & DC22 - 40 BLADE



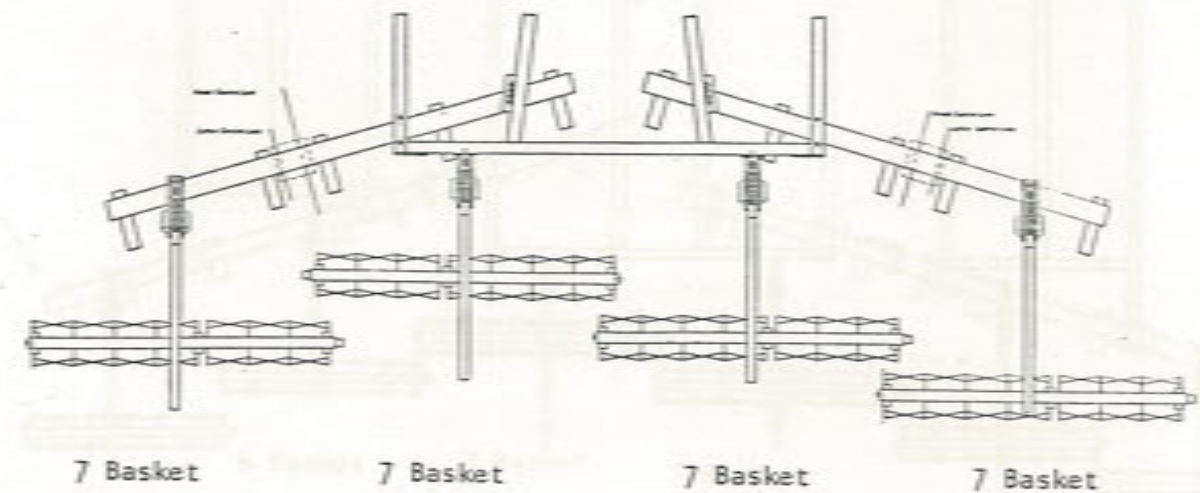
D21 & D22 - 40 BLADE



HD21 & HD22 - 48 BLADE
 HC21 & HC22 - 60 BLADE
 HD21 & HD22 - 52 BLADE
 HC21 & HC22 - 64 BLADE



HD21 & HD22 - 56 BLADE
 HC21 & HC22 - 68 BLADE
 HC21 & HC22 - 72 BLADE



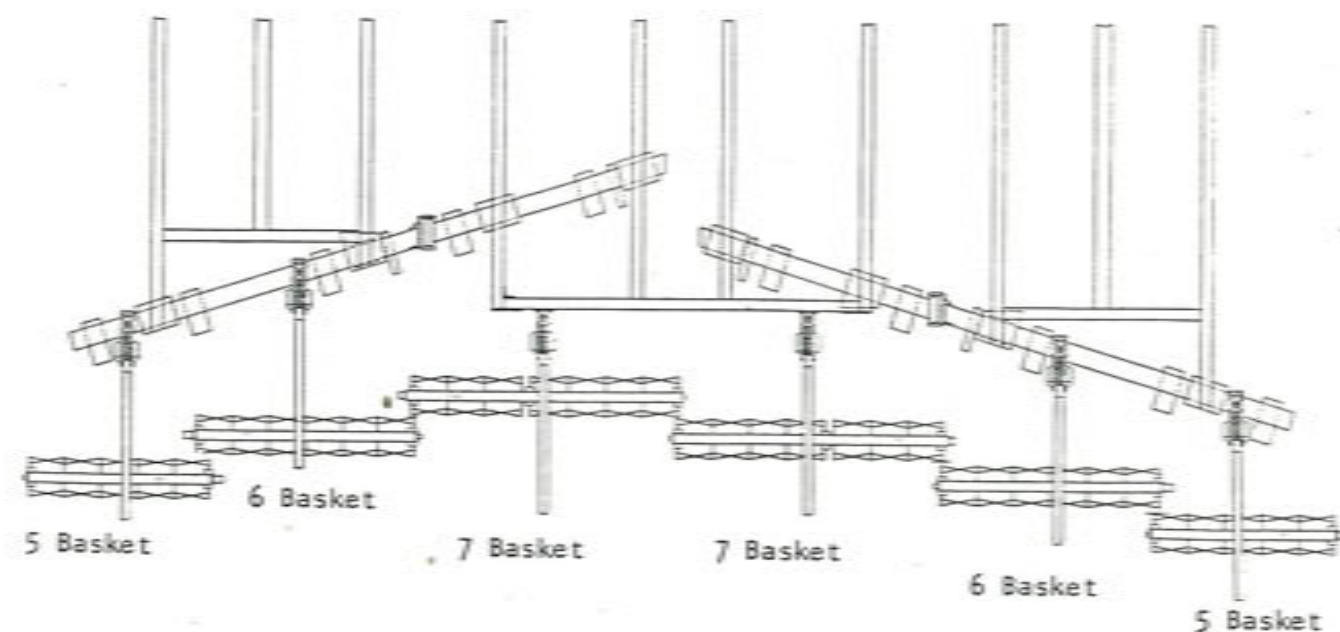


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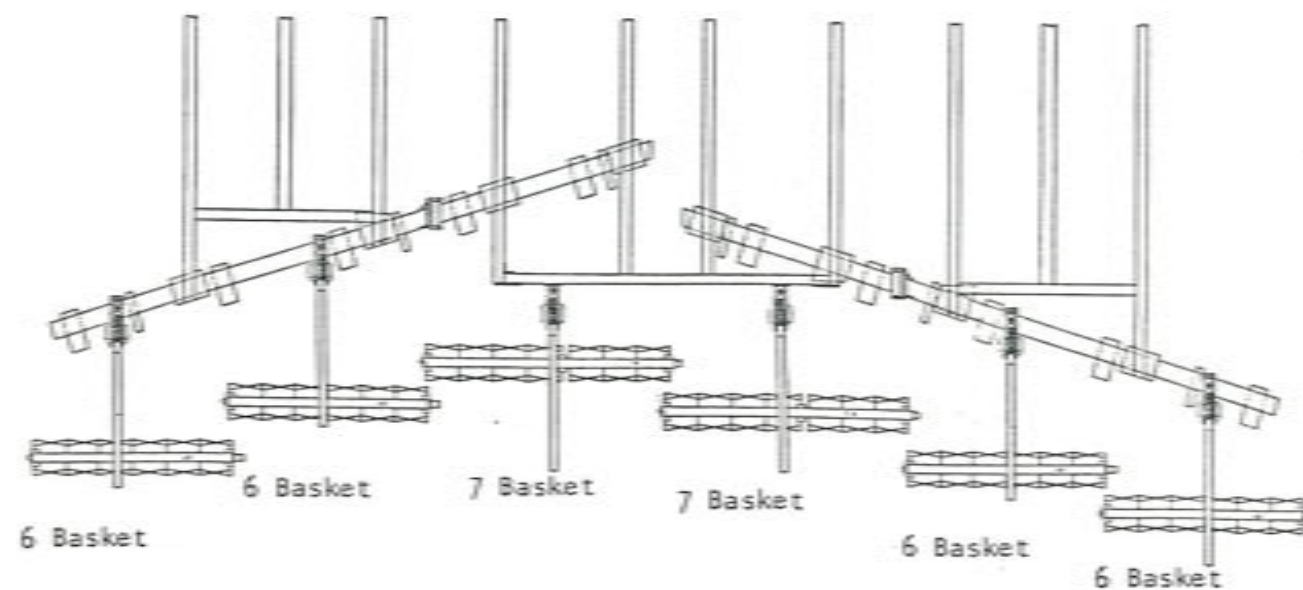
MODEL COIL TINE ATTACHMENT - F15
ROLLING BASKET ATTACHMENT - F15

		DESCRIPTION	BUNDLE NO.	CTA15-16	CTA15-18	CTA15-19	CTA15-21	CTA15-24	RBA15-16	RBA15-18	RBA15-21	RBA15-24
		CARRIER ARMS (4)	DC-01-0042	1	1	1	1		1	1		
		CARRIER ARMS (6)	DC-01-0043					1			1	1
		ZEE BRACKET MOUNTS (8)	DC-01-0044	1	1	1	1					
		ZEE BRACKET MOUNTS (12)	DC-01-0046					1				
		COIL TINE SECTION 6'	DC-01-0041		2	2	2					
		COIL TINE SECTION 4 1/2'	DC-01-0040	4	2	2	2	6				
		EXTENSION KIT 9"	DC-01-0039	2		2	4					
		BASKET (7 SINGLE)	DC-01-0038						2			
		BASKET (5 SINGLE)	DC-01-0037							4	2	
		BASKET (6 SINGLE)	DC-01-0045						4	2	2	4

F15 - 27'



F15 - 30'



PARKING STAND INSTRUCTIONS

IMPORTANT



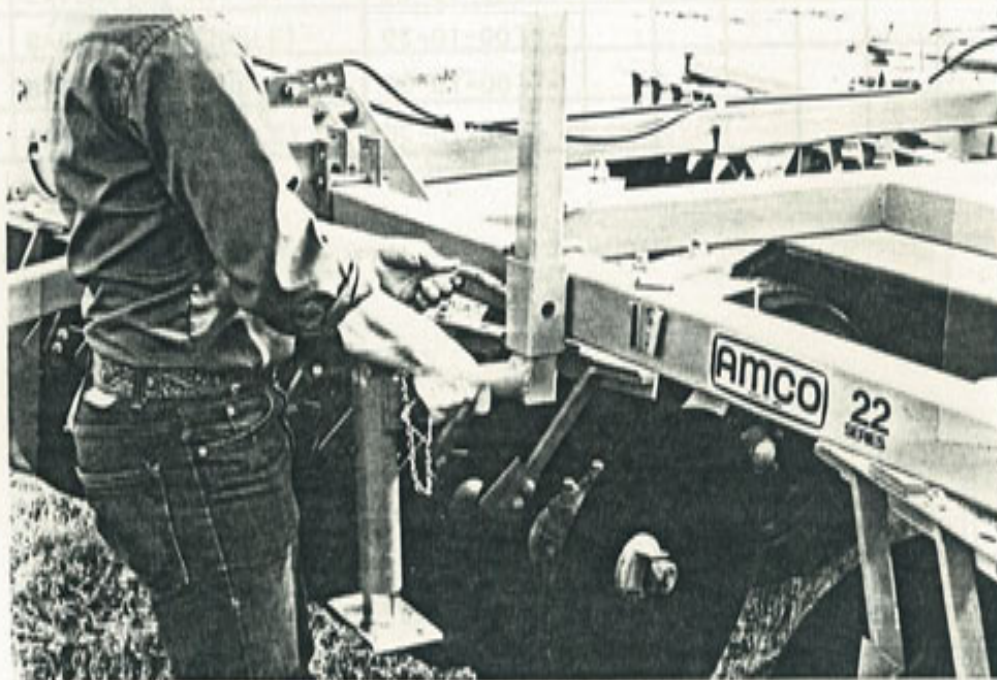
CAUTION Back-heavy implements can fall backward and flip the tongue upward suddenly. Before unhitching, lower implement to the ground or use an approved rear parking stand.



CAUTION While in transport, back-heavy implements exert a lifting force on the towing vehicle. Tow only with a tractor or other vehicle with adequate rear weight.

If the implement is not lowered to the ground when disconnected from the tractor drawbar, the following procedure must be followed to eliminate possible operator injury from the tongue rising upward suddenly.

1. Remove the tongue jack from the tongue of the disk harrow.
2. Attach the tongue jack to the lower end of the parking stand.



3. Lower the parking stand and replace the pin.
4. Adjust the tongue jack so that it rests firmly on the ground.
5. When hooking-up to the disk harrow, adjust the jack to position the clevis at the tractor drawbar height.
6. Raise the parking stand, and swing the tongue jack to the horizontal position before moving the disk harrow.