

Page FTR-01 Forage Trailers

Select desired Trailer.

Add “Welded in” Steel Liner as needed.

Page FTR-02 Options

Select as needed –
Rear Doors,
Wall Extensions & Blow-overs,
Braces.

Page FTR-03 Additional Options

Select as needed –
Axles,
Tires,
Factory Hook-up & Installation Fees,
Other Options.



Forage Trailer/Box

Standard Equipment

Effective:

11/01/16

Dual Hydraulic Apron Drives
 H78TY Floor Chain - 2" Channel Slats
 HD Polyurethane Split Bearings
 90" Inside Width
 Hyd. & Airlines & Couplers

All Welded Construction
 2 3/8" Drive Shaft
 Double Apron
 Polyurethane Idler
 Sprockets
 Mud Flaps

Order No.	Description		List Price
4721310	30' x 6' Flat Top	14 Gauge Wall	\$34,781.10
4720721	34' x 5' Flat Top	14 Gauge Wall	38,850.00
4720891	34' x 5' x 6' Offside	14 Gauge Wall	41,370.00
4720883	34' x 6' Flat Top 15900#	14 Gauge Wall	39,434.00
4720732	36' x 5' Flat Top	12 Gauge Wall	42,141.00
4720580	36' x 6' Flat Top 16400#	12 Gauge Wall	43,004.00
4721666	38' x 6' Flat Top 17200#	12 Gauge Wall	45,820.00
4720903	40' x 5' Flat Top	12 Gauge Wall	48,507.00
4720601	40' x 6' Flat Top 17600#	12 Gauge Wall	48,620.00
	Steel Liner 30' x 4' (Welded In)	14 Gauge	2,284.00
4720996	Steel Liner 34' x 5' x 6' Offside (Welded In)	14 Gauge	2,532.00
4720776	Steel Liner 34' & 36' x 5' (Welded In)	14 Gauge	2,606.00
4720770	Steel Liner 34' & 36' x 6' (Welded In)	14 Gauge	2,606.00
	Steel Liner 40' x 5' (Welded In)	14 Gauge	2,789.00
4720777	Steel Liner 38' & 40' x 6' (Welded In)	14 Gauge	2,789.00

Note: FET Tax not included in price. See FET Bulletin.

Semi Tractor Wet Kit Requirements
 25 to 40 GPM @ 3000 PSI Required

6' (At Top Rail 11' 3")	5' (At Top Rail 10' 3")
34' 1530 Cu.Ft. 56.6 Cu.Yd. 1233 Bu. Struck	1275 Cu.Ft. 47.2 Cu.Yd.
36' 1620 Cu.Ft. 60 Cu.Yd. 1308 Bu. Struck	1350 Cu.Ft. 50 Cu.Yd.
38' 1710 Cu. Ft. 63.3 Cu. Yd 1379 Bu Struck	
40' 1800 Cu.Ft. 66.6 Cu. Yd. 1451 Bu. Struck	1500 Cu.Ft. 55.5 Cu.Yd.

Silage 1 Yard = 900# Avg. Depending on Moisture

34' x 6' with 2' Blower, 8' Gate, Slider Axle Wheels & Tires 15900#

See Page FTR-02 for Doors, Blower Protector & Braces
 See Page FTR-03 for Landing Gear, Axles & Factory Hookup



Options

Effective:
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Order No.	Description	List Price
4720724	Top Swing Gate 5' (Square)	2,226.00
4720747	Top Swing Gate 6' (Square)	2,252.00
4720740	Top Swing Gate 7' (Square)	2,278.00
4720576	Top Swing Gate 8' (Square)	2,300.00
4721356	Top Swing Gate 8' Lean Out (Square)	2,959.00
4720908	Top Swing Gate 8' (Square) for 5' Wall	2,320.00
4720976	Grain Seal Kit - Top Swing Gate 8' Installed	569.00
4720616	Barn Doors 8' (Square) Installed	3,383.00
4720831	Barn Doors 7' (Square) Installed	3,376.00
4720647	Air Closure Barn Doors	793.00
4720750	Locks - Barn Door Latch	122.00
	Wall Extension w/Braces 30' (Vertical) 1' x 2' Extension Installed	5,127.00
4720997	Wall Extension w/Braces 34' x 5 x 6 (Vertical) 2' x 2' Extension Installed	5,497.00
4721488	Wall Extension w/Braces 34' (Vertical) 2' x 2' Extension Installed (For Tarp)	5,497.00
721490	Panel Drop In for 4721488 34'	515.00
	Wall Extension w/Braces 34' x 5' x 6' (Vertical) 2' x 2' L/H Fold Down Instld	6,871.00
721493	Wall Extension w/Braces 36' (Vertical) 2' x 2' Extension Installed	5,814.00
4721667	Wall Extension w/Braces 38' (Vertical) 2' x 2' Extension Installed (For Tarp)	6,144.00
	Wall Extension w/Braces 40' (Vertical) 2' x 2' Extension Installed	6,459.00
4720994.34	Wall Extension w/Braces 34' (Vertical) 1' x 2' Extension Installed	5,392.00
4720994	Wall Extension w/Braces 36' (Vertical) 1' x 2' Extension Installed	5,708.00
	Wall Extension w/Braces 40' (Vertical) 1' x 2' Extension Installed	6,448.00
4720975.30	Blowover Assy w/Braces 30' (Vertical) 2' Installed	2,305.00
4720975.34	Blowover Assy w/Braces 34' (Vertical) 2' Installed	2,817.00
4721383	Blowover Assy w/Braces 34' (Vertical) 2' w/Front Fold Down Door Installed	3,658.00
4720975	Blowover Assy w/Braces 36' (Vertical) 2' Installed	3,107.00
	Blowover Assy w/Braces 40' (Vertical) 2' (2 Braces) Installed	3,833.00
4721177	R/H Blow-in 2/3 Top Fixed includes Blowover & Braces 34' (13' 10" High)	7,986.00
4721226A	Front Fold Down Door for 2' Blowover Add On	840.00
4721226B	Front Fold Down Door for 1'x2' Extension Add On	840.00
4721226C	Front Fold Down Door for 2'x2' Extension Add On	840.00
4721174	Front Fold Down Door (for 2/3 Top R/H Blow-in only)	952.00
4720659	Center Tie Chain (Must order if not using Braces)(Order 2 for 40')	80.00
4720713	Center Brace Flat (Order 2 for 40')	301.00
4720736	Center Brace Square Overhead (Order 2 for 40')	502.00
4720892	Center Brace 5' x 6' Square Overhead	554.00
4720905	Center Brace Square Overhead (Order 2 for 40') 3' for 5' Wall	544.00
	Note: Braces not needed when ordering blowover or extensions	



Options & Hookup To Complete a Trailer

Effective:
11/01/16

Order No.	Description	List Price
4720184	Landing Gear Set 25" Leg	1,365.00
4720650	Landing Gear Set 28" Leg	1,370.00
4720183	New Slider Axle w/Rails, ABS Brakes 4" Pins (W/O Wheels)	11,595.00
4720190	11R22.5 Tires 16-Ply ea. (Must Order Wheels to Complete)	653.00
720186	New Hub Pilot Wheel 22.5 x 8.25 (Need if Ordering New Tires)	165.00
721347	Recap Tires with New Wheels	628.00
	New Slider Triple Axle (Requires 12 Wheels)	15,395.00
4720885	Hydraulic Pressure Gauge w/Lines & Fittings	260.00
4701647	Steel Front Sprockets Set of 4 Add On	370.00
4720998	Paint Red w/Yellow Trim	Included
4720710	Paint White w/Red Trim	Included
721498	Paint Red w/White Trim	Included
721519	Paint Claas White w/Green & Gray Trim	950.00
4720729	Custom Paint (Customer Provides Numbers)	950.00
4720482	Factory Hookup & Pressure Check (25 to 40 GPM @ 3000 PSI Required) Add for Tractor Couplers	439.00
	1-H8-63 Male	50.00
	1-H8-62 Female	110.00
720539	Push Plate for Slider Axle (For Bagger)	647.00
990327	Pintle Hook	161.00
	Poly Floor Liners Installed in Assembly	
	30' x 90" x 3/8" Liner	3,116.00
	34' x 90" x 3/8" Liner	3,535.00
4721268	36' x 90" x 3/8" Liner	3,737.00
	40"x 90" x 3/8" Liner	4,162.00
	Tarp Kits Installed in Assembly	
4721484	34' Tarp, Front to Rear	3,280.00
	36' Tarp, Front to Rear	3280.00
	40' Tarp, Front to Rear	3590.00
Note: Factory Mounting PTO & Wet Kit on Tractor will be Billed at Shop Labor Rate Plus Parts & Oil. Tractor Modification Extra Note: FET Tax not included in price. See FET Bulletin.		Net 85.00/Hr
	Glad Hands and Electric Receptacle Installed	160.00

Forage Utility Box

Pages FUB-01 – 03

Page FUB-01 Forage Utility Box

Select Box Size, 30' - 36'

Select desired Attachment w/Options

Beater Attachment Group -

- Swing Out kit,
- Slop Gate,
- Slop Pan,
- Hydraulic Wet kit,

Vertical Attachment Group –

- Hydraulic Wet kit,
- Lift Gate,
- Slop Gate

Spinner Attachment Group –

- Hydraulic Wet kit,
- Ag Tractor Drive kit

Page FUB-02 Options

Ag Tractor Drive kit,

Select as needed – Other Options

- Axles,
- Tires,
- Pull-Type Undercarriage,
- Factory Hook-up & Installation fees,
- Other options

Page FUB-03 Silage Kits

Select as needed

- Silage Kits,
- Wall Extensions,
- Floor Liner



Forage Utility Box

Standard Equipment

Effective:
11/01/16

10 Gauge Corrugated Side Walls
3/16 Floor Plate
Dual Hydraulic Apron Drives
H78TY Floor Chain - 2" Channel Slats
HD Polyurethane Split Bearings
90" Inside Width
Hyd. & Airlines & Couplers
14 Gauge Steel Lined Walls
Recommend 425 HP or Better for Semi

All Welded Construction
2 3/8" Drive Shaft
Double Apron
Polyurethane Idler Sprockets
Mud Flaps
Tail Lights
3/8 Poly Floor Sheet Lining
Tubing Floor Chain Slats

Order No.	Description	List Price
4720950	30' x 4' Flat Top	900 Cu. Ft/33.3 Cu. Yds 46,811.00
4721421	32' x 4' Flat Top (For Ag Pull-Type Tri-Axle Undercarriage)	49,489.00
4721442	32' x 4'6" Flat Top (For Pull-Type Tri-Axle Undercarriage)	49,888.00
	34' x 4' Flat Top	1020 Cu. Ft/37.7 Cu. Yds. 52,804.00
4721096	36' x 4' Flat Top	1080 Cu. Ft/40 Cu. Yds. 57,059.00
	40' x 4' Flat Top	64,225.00

Beater Group:

4721299	Horizontal Double Beater 4' Spreader w/o Slop Gate	11,969.00
701954	Quick Disconnect Pkg for Beater Attachment	725.00
4701736	Slop Pan w/Hydraulics (Not Required for Vertical Beaters)	1,450.00
4701748	Hydraulic Wet Kit for Semi Tractor, 80 Gal. Reservoir-Horizontal Beaters 3 Section PC Pump/Hydrostatic/Gear Requires 1800 RPM PTO, 75 GPM @3000 PSI	14,875.00
4721305	Slop Gate 4' w/Hydraulics for Horizontal Beater	3,450.00
4721408	Vertical Beater 4' Spreader Attachment w/o Slop Gate (FUB)	21,697.00
4721439	Vertical Beater 4'6" w/o Slop Gate TMTW 500 (4" Sq Beater Shaft)	21,727.00
701953	Quick Disconnect Pkg for Vertical Beater (Installed at time of Production)	975.00
701962	Hydraulic Wet Kit 170 Gal Reservoir for Vertical Beater (Semi-Tractor)	19,720.00
4701187	Swing Out Hydraulic Kit (Hi-Swing) for Vertical or Horizontal Beaters	740.00
4701830	Slop Gate 4' w/Hydraulics for Vertical Beater	3,450.00
4721415	Vertical Lift Gate 4' (Inside Box)	4,185.00

Spinner Group:

4720952	4' Spinner Spreader Single Beater 36" Gate (Hi-Swing)	23,190.00
4701558	4' Spinner Spreader Double Beater 48" Gate (Hi-Swing)	29,740.00
701961	Quick Disconnect Pkg for Spinner Attach. (Installed at Time of Production)	1,587.00
4701752	Hydraulic Wet Kit for Semi Tractor, 170 Gal Reservoir Requires 1800 RPM PTO, 112 GPM @3000 PSI 485-500 HP	19,720.00
701928	Hydraulic Wet Kit for Semi Tractor, R/H Rotation Pump 170 Gal Reservoir Requires 1800 RPM PTO, 112 GPM @3000 PSI 485-500 HP	19,720.00

30' Weight w/Spinner & Dolly - 26,200 LB

See Page FUB-02 for Axles, Option & Factory Hookup
See Page FUB-03 for Silage Kits, Wall Extensions and Floor Liners



Ag Tractor Drive

Order No.	Description	List Price
	Ag Tractor Drive Hydraulic Wet Kit 80 Gal Reservoir (Horizontal Beater)	14,521.00
4701675	Ag Tractor Drive Hydraulic Wet Kit 80 Gal Reservoir (Vertical Beater & Spinner)	15,840.00
	210-300 HP Recommended	
	4 Tractor Remotes Required	
	45 GPM @ 3000 PSI Oil Requirement	
4990960	Std PTO Driveline for tractor 1 3/4-20 x 1 1/2	890.00
4701731	CV PTO Driveline for tractor 1 3/4-20 x 1 1/2	1,511.00
4701732	CV PTO Driveline for tractor 1 3/8-21 x 1 1/2	1,511.00

Axles, Option & Hookup

Order No.	Description	List Price
4720184	Landing Gear Set 25" Leg	1,365.00
4720650	Landing Gear Set 28" Leg	1,370.00
4720183	New Slider Axle w/Rails ABS Brakes (w/o Wheels)	11,595.00
4720190	11R22.5 Tires 16-Ply ea. (Must Order Wheels to Complete)	653.00
720186	New Hub Pilot Wheel 22.5 x 8.25	165.00
721347	Recap Tires with New Wheels	628.00
	Dolly for Ag Tractor (USED) Add Tires Consult Factory	10,450.00
	Dolly for Ag Tractor (NEW) Add Tires	17,695.00
4721454	Triple Axle Undercarriage w/Floater Tires (600 50 x 22.5)	55,250.00
	4-550.45x22.5 Floater Tires & Wheels	10,520.00
	4-600.55x22.5 Floater Tires & Wheels	13,430.00
4720885	Hydraulic Pressure Gauge w/Lines & Fittings	260.00
4701647	Steel Front Sprockets Set of 4 Add On	370.00
4701704	Angle Iron Propeller, 2"x3" - 90" Set of 12 Add On	15.00
4720998	Paint Red w/Yellow Trim	Included
4720170	Paint White w/Red Trim	Included
4720729	Custom Paint (Customer Provides Numbers)	950.00
	Install Silage Kit	429.00
	Mount Hydraulics on Semi Tractor	1,290.00
	Mount Hydraulics on Dolly (Not for Tri Axle Ag Trailer)	1,290.00
4720482	Factor Hookup & Pressure check	439.00
	Add for Tractor Couplers	
	1- H8-63 Male	50.00
	1- H8-62 Female	110.00
450394	Hydraulic Oil - Per Gallon	19.20

Note: Factory Mounting PTO & Modification on Tractor will be Billed At Shop Labor Rate Plus Parts & Oil

Net 85.00/Hr

For Other Spinner & Box Options See FCB-04



Silage Kits, Wall Extensions and Floor Liners

Effective:

11/01/16

Order No.	Description	List Price
Silage Kits		
4721064	30' x 4' Vertical 2' x 3', Single Brace, 7' Swing Gate	7,136.00
	30' x 4' Vertical 3' x 4', Single Brace, 8' Swing Gate	7,696.00
	34' x 4' Vertical 2' x 3', Single Brace, 7' Swing Gate	7,823.00
4721563	34' x 4' Vertical 3' x 4', Single Brace, 8' Swing Gate	8,367.00
	36' x 4' Vertical 2' x 3', Single Brace, 7' Swing Gate	8,236.00
	36' x 4' Vertical 3' x 4', Single Brace, 8' Swing Gate	8,853.00
4721285	36' x 4' Vertical 3' x 4', Single Brace, Barn Doors	11,168.00
	40' x 4' Vertical 3' x 4', Double Brace, 8' Swing Gate	10,345.00
4720647	Air Closure	793.00
Wall Extensions		
	30' x 4' Vertical 1' x 1' Chain Brace, 5' Swing Gate	7,031.00
	30' x 4' Vertical 1' x 2' Sloped Brace, 6' Swing Gate	7,031.00
	30' x 4' Vertical 2' x 2' Single Brace, 6' Swing Gate	6,916.00
Poly Floor Liners Installed in Assembly		
	30' x 90" x 3/8" Liner	3,116.00
	34' x 90" x 3/8" Liner	3,535.00
4721268	36' x 90" x 3/8" Liner	3,737.00
	40' x 90" x 3/8" Liner	4,162.00
	32" x 4'6" Stainless Steel Liner Installed	8,806.00

Approx Wt:

30' Beater	20500
30' Spinner	20700
34' Beater	22000
34' Spinner	22200
36' Beater	24000
36' Spinner	24200
40' Beater	26400
40' Spinner	26600

Forage Combo Boxes

Pages FCB-01 – 06

Page FCB-01 90" Combination Boxes w/4 ft. Sides w/Double or Vertical Beater

Select as needed –
Box Size,
Beater Attachment, Horizontal Double or Vertical,
Slop Gate, Slop Pan, Swing Out, Etc.,
Corresponding Hydraulic Wet Kits,
Quick Disconnect Fittings

Page FCB-02 90" Combination Boxes w/4 ft. Sides w/Spinner

Select as needed –
Box Size,
Spinner Attachment,
Hydraulic Wet Kit for Truck,
Quick Disconnect Fittings

**Page FCB-03 For 90" Boxes:
Silage Kits, Sugarbeet Kits
Floor Liners for Combination Boxes –
NOT INCLUDED IN BASE PRICE**
Select as needed – Add to basic boxes as needed

Page FCB-04 Accessories & Mounting

Extra Options & Accessories if desired, Mounting, Hydraulic Oil charges.

Page FCB-05 84" "Narrow" Combination Boxes w/3 ft. Sides & Double Beater

Select as needed –
Box Size,
Beater Attachment,
Slop Pan, Slop Gate,
Hydraulic Wet Kit for Truck or Mechanical Driver,
Silage Kits/Sugarbeet Kits

Page FCB-06 AG Pull-Type Trailer Boxes

Select as needed –
Box Size, Hydraulic Wet Kit, Undercarriage

Must Refer to Pages FCB-01 - FCB-04 for Beater or Spinner Attachments



4' Combination Beater Spreader

Standard Equipment

Effective:

11/01/16

90" Inside Dimension
 10 Gauge Corrugated Side Walls
 H 78 Ty Apron Chain
 2 3/8" Apron Drive Shaft
 H.D. Polyurethane Split Brgs.
 (Trucks w/Auto Trans Call Factory)
 14 Gauge Wall Liner Welded in

H.D. Hydraulic Apron Drives
 Double Apron
 Polyurethane Idler Sprockets
 In-Cab Controls
 Steel Hydraulic Lines
 Mounting Components
 Cab Protector/Mud Flaps
 Channel Floor Chain Slats

**Recommend 325 HP or Better for
 Horizontal Beater Trucks**

**Recommend 425 HP or Better for
 Vertical Beater Trucks**

Order No.	Description	Volume Struck	Cab to Trunion	List Price
	16' x 4' Basic Box w/wall liner	17.7 Yd.	140"	26,385.00
	18' x 4' Basic Box w/wall liner	20 Yd.	165"	28,018.00
4701051	20' x 4' Basic Box Truck Mounted w/wall liner	22.2 Yd.	170"	29,109.00
4701902	22' x 4' Basic Box w/wall liner	24.4 Yd.	195"	32,614.00
4701760	24' x 4' Basic Box w/wall liner	26.6 Yd.	215"	33,864.00
Horizontal Beater Group				
4721299	Double Beater 4' Attachment w/o Slop Gate Small Beater 18" Lg Beater 28"			11,969.00
701954	Quick Disconnect Pkg for Horizontal Beater (Installed at Production)			725.00
4701736	Slop Pan w/Hydraulics (Below Beater) Not needed with Vertical Beaters			1,450.00
4701748	Hydraulic Wet Kit 80 Gal Reservoir (Truck) Horizontal Beaters 3 Section PC Pump/Hydrostatic/Gear Requires 1800 RPM PTO, 75 GPM @3000 PSI			14,875.00
4700897	Hydraulic Wet Kit 80 Gal-R/H Rotation-Behind Cab Reservoir for Auto Trans Truck			14,875.00
	Rear Outside Flow Control (Floor)			4,095.00
4721305	Slop Gate 4' w/Hydraulics for Horizontal Beater			3,450.00
Vertical Beater Group				
4701818	Vertical Beater 4' Spreader Attachment w/o Slop Gate			21,697.00
701953	Quick Disconnect Pkg for Vertical Beater (Installed at Production)			975.00
701962	Hyd Wet Kit 170 Gal-L/H Rotation- Saddle Tanks- Hydrostatic			19,720.00
701963	Hyd Wet Kit 170 Gal-R/H Rotation- Behind Cab Res. for Auto Trans Truck			18,900.00
701830	Slop Gate 4' w/Hydraulics For Vertical Beater			3,450.00
Options				
4701187	Swing Out Hydraulic Kit (High Swing) For Horizontal or Vertical Beaters			740.00

See Page FCB-03 For Silage/Sugarbeet Kits
 See Page FCB-03 For Floor Liners (Not Included in Pricing Above)
 See Page FCB-04 For Factory Mounting and Options
 See Page FCB-06 For Pull-Type Trailer



4' Combination Spinner Spreader

Standard Equipment

Effective:

11/01/16

90" Inside Dimension
 10 Gauge Corrugated Side Walls
 H 78 Ty Apron Chain
 2 3/8" Apron Drive Shaft
 H.D. Polyurethane Split Brgs.
 (Trucks w/Auto Trans Call Factory)
 14Ga Wall Liner

H.D. Hydraulic Apron Drives
 Double Apron with Tubing Slats
 Polyurethane Idler Sprockets
 In-Cab Controls
 Steel Hydraulic Lines
 Mounting Components
 Cab Protector
 Mud Flaps
 Channel Floor Chain Slats

Recommend 425 HP or Better for Spinner Trucks

Order No.	Description	Struck Volume	Cab to Trunion	List Price
	16' x 4' Basic Box	17.7 Yd.	140"	26,385.00
	18' x 4' Basic Box	20 Yd.	165"	28,018.00
4701051	20' x 4' Basic Box (Truck Mounted)	22.2 Yd.	170"	29,109.00
4701902	22' x 4' Basic Box	24.4 Yd.	195"	32,614.00
4701760	24' x 4' Basic Box	26.6 Yd.	215"	33,864.00
4720952	4' Spinner Spreader Single Beater 36" Gate (Hi-Swing) Installed			23,190.00
4701558	4' Spinner Spreader Double Beater 48" Gate (Hi-Swing) Installed			29,740.00
701961	Quick Disconnect Pkg for Spinner Attachment (Installed at Production)			1,587.00
4701752	Hyd Wet Kit 170 Gal-L/H Rotation- Saddle Tanks- Hydrostatic			19,720.00
4701928	Hyd Wet Kit 170 Gal-R/H Rotation- Behind Cab Res. for Auto Trans Truck			19,720.00
4701575	"Plus One" Hydraulic Wet Kit 170 Gal Saddle Tanks			42,632.00
	Requires 1800 RPM PTO, 112 GPM @3000 PSI (Not included in Pricing)			

Compost 1 Yd= 1000# Avg. Depending on Moisture

See Page FCB-03 For Silage/Sugarbeet Kits
 See Page FCB-03 For Floor Liners (Not Included in Pricing Above)
 See Page FCB-04 For Factory Mounting and Options
 See Page FCB-06 For Pull-Type Trailer



Kit Options

For Combo Boxes 90" x 4'

Effective:
11/01/16

Order No.	Description	Volume Struck	Panel Height	List Price
	16' X 4' Silage Kit	32 Yd.	30" & 48"	4,413.00
	18' x 4' Silage Kit	36 Yd.	30" & 48"	4,599.00
	20' x 4' Silage Kit	40 Yd.	30" & 48"	4,810.00
4701863	20' x 4' Silage Kit w/8' Lean Out Gate			5,471.00
	22' x 4' Silage Kit	44 Yd.	30" & 48"	5,253.00
	22' x 4' Silage Kit w/8' Lean Out Gate			5,914.00
4701973	22' x 4' x 4', 1' Extended Metal Blow-In, Lean Out Gate			6,220.00
	24' x 4' Silage Kit	48 Yd.	30" & 48"	5,704.00
	24' x 4' Silage Kit w/8' Lean Out Gate			6,365.00
	24' x 4' Silage Kit (Driver's Side Blow-In)		30" & 48"	5,704.00
	24' x 4' Silage Kit (Passenger Side Blow-In)		30" & 48"	5,704.00
	16' X 4' Sugarbeet Kit			2,881.00
	18' x 4' Sugarbeet Kit			3,008.00
	20' x 4' Sugarbeet Kit			3,135.00
	22' x 4' Sugarbeet Kit			3,441.00
	24' x 4' Sugarbeet Kit			3,748.00

Wall and Floor Liner Kits

	* ** 5/8" Pressure Treated Plywood			
4700357	16', 18', 20', x 3'			1,057.00
	22' & 24' x 3'			1,162.00
	16', 18', 20' x 4'			1,057.00
	22' & 24' x 4'			1,162.00
	* *** 14 Gauge Steel Lining (Included in Base Price)			
	16', 18', 20' x 3'			1,481.00
	22' & 24' x 3'			1,792.00
	16', 18', 20' x 4'			1,496.00
	22' & 24' x 4'			1,803.00
	* ** Polyurethane Floor Liners			
	16' x 90 x 3/8"			1,663.00
	18' x 90 x 3/8"			1,872.00
701723	20' x 84 x 3/8"			2,067.00
701728	20' x 90 x 3/8"			2,078.00
4701915	22' x 90 x 3/8"			2,274.00
701931	24' x 90 x 3/8"			2,481.00

- * Must be installed at time of manufacture
- ** Later installation incurs added cost
- *** Burned paint will result in later installation



Accessories and Mounting

Effective:
11/01/16

Order No.	Description	List Price
Options & Accessories		
4701647	Steel Idler Sprockets (Set of 4)	370.00
	UHMW Propellers - 90"	196.00
4701704	Angle Iron Propellers, 2"x3" - 90"	15.00
4701879	Pressure Gauge w/Line & Fittings (Floor)	260.00
4701290	6" Riser Kit for Floater Tires	979.00
4701291	Low Hydraulic Fluid Alarm	386.00
4720998	Paint Red w/Yellow Trim	Included
4720710	Paint White w/Red Trim	Included
	Custom Paint (Customer Provides Paint Number)	899.00
Mounting Charges		
4700340	Factory Mount Box & Accessories to Truck	3,490.00
	Factory Mount Box & Accessories to Trailer	3,398.00
450394	Gallon Hyd. Oil (80= \$1536.00 170= \$3264.00)	19.20
4700307	Factory Change & Reinstall Accessories	629.00
	Factory Dismount Box & Accessories	526.00
	Factory Dismount Beater & Mount Silage Kit	464.00

Compost/Manure Weight:
 1 - 5 Gal. Bucket Struck Net Weight x 1.5 = 1 Cu Ft. Weight
 1 - Cu Ft Wt. x 27 = Weight Per Cu. Yard



3' Combination Beater Spreader

Effective:

Narrow Box
Standard Equipment

11/01/16

84" Inside Dimension
10 Gauge Corrugated Side Walls
H 78 Ty Apron Chain
2 3/8" Apron Drive Shaft
H.D. Polyurethane Split Brgs.
(Trucks w/Auto Trans Call Factory)
14 Ga Wall Liners - (Not Included in
Mechanical Box - See Pg FCB-03)
**Recommend 290 HP or better for
Beater Trucks**

H.D. Hydraulic Apron Drives
Double Apron
Polyurethane Idler Sprockets
In-Cab Controls
Steel Hydraulic Lines
Mounting Components
Cab Protector
Mud Flaps
Channel Floor Chain Slats

Order No.	Description	Volume Struck	Cab to Trunion	List Price
	16' x 3' Basic Box	12.4 Yd.	140"	23,580.00
	18' x 3' Basic Box	14 Yd.	165"	25,140.00
4701179	20' x 3' Basic Box 8550# Steel Lined	16 Yd.	170"	26,750.00
4701644	20' x 3' Basic Box Mechanical - No Wall Liner	16 Yd.	170"	23,950.00
	22' x 3' Basic Box	17 Yd.	185"	28,325.00
	24' x 3' Basic Box	18.6 Yd.	205"	30,880.00
4701185	Double Beater Spreader 3' Attachment w/o Slop Gate			11,546.00
4701643	Double Beater Mechanical Spreader 3' w/o Slop Gate (No Swing Out)			9,450.00
701954	Quick Disconnect Pkg for Horizontal Beater (Hyd Only)			725.00
4701187	Swing Out Hydraulic Kit (High Swing) (Not Recommended on Mechanical)			740.00
4700411	Slop Gate 3' w/Hydraulics			3,390.00
4700406	Slop Pan w/Hydraulics (Below Beater)			1,425.00
4701748	Hydraulic Wet Kit 80 Gal Reservoir 3 Section PC Pump/Hydrostatic/Gear Requires 1800 RPM PTO, 75 GPM @3000 PSI			14,875.00
4700897	Hydraulic Wet Kit 80 Gal-R/H Rotation-Behind Cab Reservoir for Auto Trans			14,875.00
701646	Mechanical Beater/Hydraulic Apron Drive Kit Must order w/Mechanical Box 20 Gallon Reservoir Includes Gearbox & Pump (For Truck Mech. Drive)			13,975.00
	16' X 3' Silage Kit	30 Yd.	42" & 60"	4,387.00
	18' x 3' Silage Kit	33 Yd.	42" & 60"	4,878.00
4701628	20' x 3' Silage Kit	37.5 Yd.	42" & 60"	5,280.00
	22' x 3' Silage Kit	41 Yd.	42" & 60"	5,830.00
	24' x 3' Silage Kit	45 Yd.	42" & 60"	6,315.00
4700382	Front Fold Down Door Blow-in			861.00
	16' X 3' Sugarbeet Kit		20"	2,717.00
	18' x 3' Sugarbeet Kit		20"	3,055.00
4700740	20' x 3' Sugarbeet Kit 9' 6" High		20"	3,393.00
	22' x 3' Sugarbeet Kit		20"	3,742.00
	24' x 3' Sugarbeet Kit		20"	4,082.00

See Page FCB-03 For Floor Liners **(Not Included In Pricing Above)**

See Page FCB-04 For Factory Mounting and Options

See Page FCB-03 For Wall Liners for Mechanical Box (Hyd. Box Includes Wall Liner)



AG Pull-Type Trailer Box

Page FCB-06

Effective:

11/1/2016

Standard Equipment

90" Inside Dimension	H.D. Hydraulic Apron Drives
10 Gauge Corrugated Side Walls	Double Apron
H 78 Ty Apron Chain	Polyurethane Idler Sprockets
2 3/8" Apron Drive Shaft	In-Cab Controls
H.D. Polyurethane Split Brgs. (Trucks w/Auto Trans Call Factory)	Steel Hydraulic Lines
14Ga Wall Liner Welded in	Mounting Components
	Cab Protector/Mud Flaps
	Channel Floor Chain Slats

Order No.	Description	Volume Struck	Cab to Trunion	List Price
4701698	20' x 4' Basic Box Trailer Mounted w/o floor liner	22.2 Yd.	170"	29,109.00
	Ag Tractor Drive Hydraulic Wet Kit (For Tractor Driven Hyd.) 80 Gal (Horizontal)			14,521.00
4701675	Ag Tractor Drive Hyd. Wet Kit (For Tractor Driven Hyd.) 80 Gal (Vertical & Spinner)			15,840.00
	210-300 HP Recommended 4 Tractor Remotes Required 45 GPM @ 3000 PSI Oil Requirement			
4990960	Std PTO Driveline for tractor 1 3/4-20 x 1 1/2 Impl.			890.00
4701731	CV PTO Driveline for tractor 1 3/4-20 x 1 1/2 Impl.			1,511.00
4701732	CV PTO Driveline for tractor 1 3/8-21 x 1 1/2 Impl.			1,511.00
4701637	Trailer Under Carriage 16' Pull-Type	21.5 x 16.1 Tires		19,727.00
4701279	Trailer Under Carriage 18' & 20' Pull-Type	21.5 x 16.1 Tires		19,779.00
	Trailer Under Carriage 22' Pull-Type	21.5 x 16.1 Tires		19,883.00
	Trailer Under Carriage 24' Pull-Type	21.5 x 16.1 Tires		20,144.00

To Complete Box:
Refer to Pages FCB-01 through FCB-04
for Beater or Spinner Attachments, Kits and Options

Page FBX-01

20ft Forage Box

20ft Forage only Box – 6' Walls w/Flat Top

Select options as needed -

Wet Kit,

Rear Doors,

Extension Panels & Blowovers,

Front Fold Down Door,

Factory Mount & Oil



20' Forage Box

6' Sides

Effective:
11/01/16

74" Walls & Front - 14-Gauge Corrugated
Dual Hydraulic Apron Drives
H78TY Floor Chain - 2" Channel Slats
HD Polyurethane Split Bearings
90" Inside Width

All Welded Construction
2 3/8" Drive Shaft
Double Apron
Polyurethane Idler Sprockets
Mud Flaps

Order No.	Description	List Price
4720629	20' Forage Box 1050 Cu. Ft. 850 Bu. 8100#	22,813.00
4721017	20' Forage Box Mesh Front	23,435.00
	22' Forage Box Window Front	24,702.00
	24' Forage Box 1080 Cu. Ft. 868 Bu	26,843.00
4721254	20' X 4' Commodity Box	22,813.00
701284	20' X 5' HD Lined Commodity Box	24,864.00

Options

4720323	Hydraulic Wet Kit (Requires 1800 RPM PTO, 25 GPM @ 3000 PSI) w/Pump, Valves & Approx. 15 Gallon Reservoir	3,594.00
4720576	Top-Hinged Swing Out Gate (8' Square) Latches in Floor Chain	2,300.00
4721356	Top-Hinged Swing Gate (8' Lean Out)	2,959.00
4720616	Barn Style Doors (Square) Latch in Floor Chain Recommended for Bagging	3,376.00
4720647	Air Closure - Barn Style Doors Air Valves, Cylinders & Hoses	793.00
4720442	Factory Mounting Box-to-Truck NOTE: Hydraulic oil will be charged out separately.	1,773.00
450394	Hydraulic Oil (per Gallon)	19.20
	Blowover - 2' Vertical - 20'	1,416.00
	Blowover - 2' Vertical - 24'	1,684.00
	Front Fold Down Mechanical	914.00
4721019	Blowover Asm 2' Vertical Includes Hyd. Fold Down Door	2,511.00

DEALERS:

PTO Not included in price, nor supplied by manufacturer.
All prices F.O.B. Parma, Idaho

Pull-Type Compost Spreader

Pages PTS-01

These are complete units ready for tractor hookup.

Specify tractor PTO size (1 $\frac{3}{4}$ -20 is Std)

Select Unit Desired

Pull-Type Manure Spreader

Pages PTS-02

These are complete units ready for tractor hookup.

Specify tractor PTO size (1 $\frac{3}{4}$ -20 is Std)

Select Unit Desired

Select Slop Pan option if desired



Pull-Type Compost Spreader

PTS-01

Single Beater Spinner

Effective:

Standard Equipment

11/01/16

90" Inside Dimension
 10 Gauge Corrugated Side Walls Lined
 H 78 Ty Apron Chain
 Double Apron
 Tubing Floor Chain Slats
 2 3/8" Apron Drive Shaft
 3/8" Poly Floor Liner
 Vertical Lift Gate
 CV PTO (Specify PTO Size)
 Hydraulic Oil 80 Gal

H.D. Polyurethane Split Brgs
 Polyurethane Idler Sprockets
 H.D. Hyd. Apron Drive
 Painted White
 Steel Hydraulic Lines
 Hydraulic Swing Out
 Single Beater Spinner Attachment
 Mud Flaps
**Tractor Requirements: 210-300 HP,
 45 GPM @ 3000 PSI, 4 Hyd. Remotes**

Model No.	Description	Volume Struck		List Price
164HS	16' x 4' Wall, Lined, on Pull Trailer Self-Contained Hydraulic Spinner Attachment	16.6 Yd.	21.5 x 16.1 Tires	96,203.00
164HSF	16' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained, Hyd Spinner Att.	16.6 Yd.	600 55 x 225	103,165.00
204HS	20' x 4' Wall, Lined, on Pull Trailer Self-Contained Hydraulic Spinner Attachment	22 Yd.	21.5 x 16 Tires	99,431.00
204HSF	20' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained, Hyd Spinner Att.	22 Yd.	600 55 x 225	106,423.00
224HS	22' x 4' Wall, Lined, on Pull Trailer Self-Contained Hydraulic Spinner Attachment	24.4 Yd.	21.5 x 16 Tires	102,266.00
224HSF	22' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained, Hyd Spinner Att.	24.4 Yd.	600 55 x 225	109,287.00
244HS	24' x 4' Wall, Lined, on Pull Trailer Self-Contained Hydraulic Spinner Attachment	26.6 Yd.	21.5 x 16 Tires	105,014.00
244HSF	24' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained, Hyd Spinner Att.	26.6 Yd.	600 55 x 225	112,064.00
304HSN	30' x 4' Wall, Lined, on New Axle & New Dolly Self-Contained, Hydraulic Spinner Attachment	33.3 Yd.	11R22.5 Tires	129,220.00
304HSU	30' x 4' Wall, Lined, on New Axle & Used Dolly Self-Contained, Hydraulic Spinner Attachment	33.3 Yd.	11R22.5 Tires	122,715.00
304HSUF	30' x 4' Wall, Lined, on New Axle & Used Dolly Floater Tires, Self-Contained, Hyd Spinner Att.	33.3 Yd.	550 45 x 22.5	136,495.00
344HSU	34' x 4' Wall, Lined, on New Axle & Used Dolly Self-Contained, Hydraulic Spinner Attachment	37.7 Yd.	11R22.5 Tires	129,160.00

21.79 Bu. Per Cubic Yard

For Quick Disconnect Fittings & Steel Idler Sprockets (Not Included Here)

See Pages FCB-02 - FCB-04



Pull-Type Manure Spreader

Horizontal Double Beater

Standard Equipment

PTS-02
Effective:
11/01/16

90" Inside Dimension
10 Gauge Corrugated Side Walls
H 78 Ty Apron Chain
Double Apron
Tubing Floor Chain Slats
2 3/8" Apron Drive Shaft
CV PTO (Specify PTO Size)
Slop Gate

3/8" Poly Floor Liner
Hydraulic Oil 80 Gal
Tractor Requirements:
45 GPM @ 3000 PSI
Hydraulic Units
Require 3 Remotes
Mechanical Units
Require 2 Remotes

H.D. Polyurethane Split Brgs
Polyurethane Idler Sprockets
H.D. Hyd. Apron Drive
Painted White
Steel Hydraulic Lines
Mud Flaps
Swing Out on Hydraulic Units

Model No.	Description	Volume Struck	Tires	List Price
164MM	16' x 4' Wall, Lined, on Pull Trailer Mechanical Beater	16.6 Yd.	21.5 x 16.1 Tires	72,227.00
164HM	16' x 4' Wall, Lined, on Pull Trailer Hydraulic Beater	16.6 Yd.	21.5 x 16.1 Tires	87,431.00
204MM	20' x 4' Wall, Lined, on Pull Trailer Mechanical Beater	22 Yd.	21.5 x 16.1 Tires	74,716.00
204HM	20' x 4' Wall, Lined, on Pull Trailer Hydraulic Beater	22 Yd.	21.5 x 16.1 Tires	90,658.00
204HMF	20' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained Hydraulic Beater	22 Yd.	600 55 x 22.5	97,553.00
224MM	22' x 4' Wall Lined, on Pull Trailer Mechanical Beater	24.4 Yd.	21.5 x 16.1 Tires	77,550.00
224HM	22' x 4' Wall Lined, on Pull Trailer Self-Contained Hydraulic Beater	24.4 Yd.	21.5 x 16.1 Tires	93,494.00
224HMF	22' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained Hydraulic Beater	24.4 Yd.	600 55 x 22.5	100,426.00
244HM	24' x 4' Wall Lined, on Pull Trailer Self-Contained Hydraulic Beater	26.6 Yd.	21.5 x 16.1 Tires	96,242.00
244HMF	24' x 4' Wall, Lined, on Pull Trailer Floater Tires, Self-Contained Hydraulic Beater	26.6 Yd.	600 55 x 22.5	103,202.00
304HMN	30' x 4' Wall, Lined, on New Axle & Dolly Self-Contained Hydraulic Beater	33.3 Yd.	11R22.5 Tires	120,359.00
304HMU	30' x 4' Wall, Lined, on New Axle & Used Dolly Self-Contained Hydraulic Beater	33.3 Yd.	11R22.5 Tires	113,815.00
344HMU	34' x 4' Wall, Lines, on New Axle & Used Dolly Self-Contained Hydraulic Beater	37.7 Yd.	11R22.5 Tires	120,300.00
	Slop Pan w/Hydraulics			1,450.00
	Add for Vertical Beaters (Includes Hyd. Upgrade)			15,500.00

721466	600 50 x 22.5 Floater Tires	ea.	3,325.00
	500 45 x 22.5 Floater Tires	ea.	2,604.00
701280	21.5 x 16.1 Implement Tire		730.25

21.79 Bu. Per Cubic Yard

For Quick Disconnect Fittings & Steel Idler Sprockets (Not Included Here)

See Pages FCB-02 - FCB-04



Effective:

11/01/16

Parma Machinery Trailer

All Welded Construction
Machine Alignment Slides
Moveable Bumper Blocks
Loading Ramps, Spring Suspended
Pintle Ring Hitch
Tires 215/75R17.5

Part Number	Description	Weight	List Price
720196	Machinery Trailer 84 3/4" Outside of Tire	8300 Lbs	\$37,600.00