

MEYER

FORMULA IIIII

Vertical

585 – 1,315 Cubic Feet

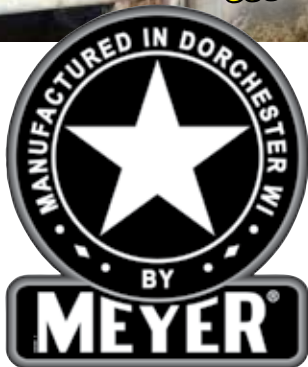


Mid & Large Frame Twin Screw Models

THE FORMULA
for more profit
IS MEYER



Also Available:
Small Frame
Twin & Single Screw
355 – 570 Cubic Feet



FORMULA IIIII

Nutrition Solutions

Faster Processing • Faster Cleanout
Precise Rations • Less Horsepower
Lower Load Height



Twin Screw Meyer Formula TMR

Mid & Large Frame Families
585 - 1,315 cubic feet



**Large Frame
F1015**



**F700 w/Belt
Chute Discharge**



**F585 w/Flat
Front Belt Conveyor**

Mid Frame **F585-F700 Models**

- 585 - 760 Cubic foot capacity
- 1000 RPM PTO (CV optional)
- Formula 2-Speed Drive System including electric shift feature
- HD In-Line Drive w/ torque disconnect clutch protection

- Robust Planetary System
- Independent tubular chassis design for heavy loads
- 4-point weigh bar design
- In-line quad axle standard / oscillating tandem - optional
- 4) 245/70R19.5 recap tires - std / (4) 380/60R16.5 floatation - opt

Large Frame **F815-F1015-F1215 Models**

- 815 - 1,315 Cubic foot capacity
- 1000 RPM PTO - CV Standard
- Formula 2-Speed Drive System including electric shift feature
- HD In-Line Drive w/torque disconnect clutch protection
- Robust Planetary System
- Independent tubular chassis design for heavy loads
- 4-point weigh bar design
- In-line quad axle standard / oscillating tandem - optional
- (4) 385/65x22.5 recap tires standard
- Commercial versions available



**F1015 w/Flat
Front Belt Conveyor**

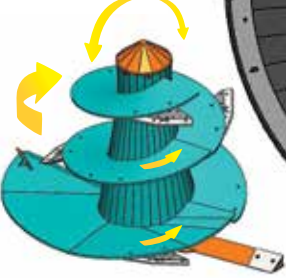


Twin Screw Design



Unique **3 piece knife design** offers added strength, simple adjustability and reduced replacement costs. (Tungsten carbide coated knives).

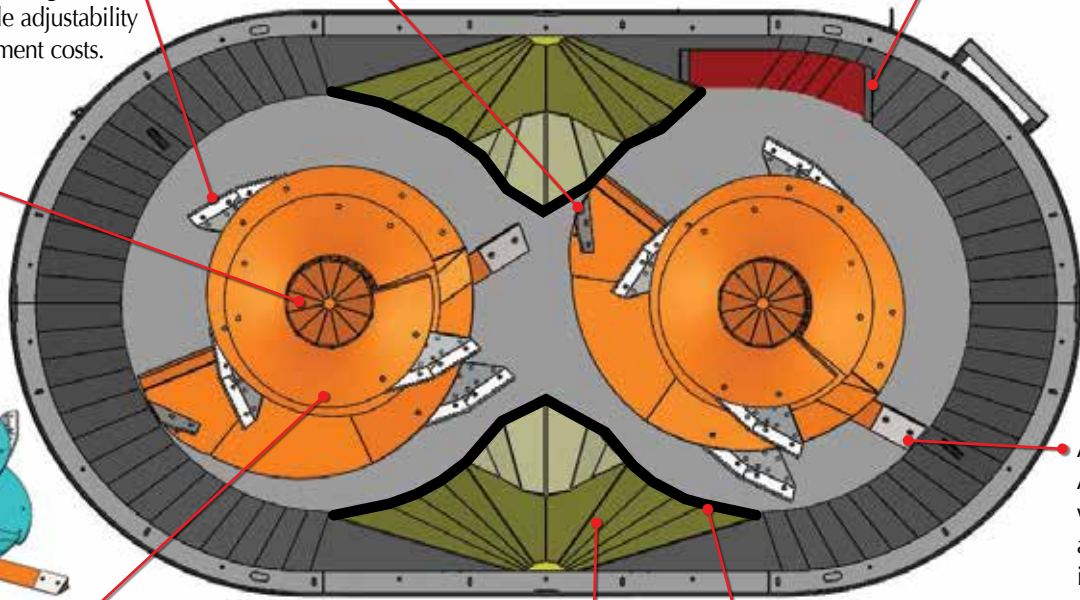
Cone top resists buildup especially combined with our fast auger speed!



Precisely engineered augers propel your ration up the center of the auger and then down along the outside walls for fast processing while maximizing end-to-end movement between the front and rear screw.

Lead edge scraper is adjustable and replaceable, it is responsible for initiating efficient feed movement in the Formula Mixer. (Heat treated-high carbon steel).

Door tracks are poly lined for reduced wear & stress. Less freeze ups and easy replacement!



All Meyer Formula models **weigh the mixer body as well as conveyors** for the best accuracy possible.

Auger Discharge Kicker Arm provides an extra sweep with every auger revolution, allowing smoother feedout in less time.

Set-Back Baffle Design Creates fast end-to-end (horizontal) transfer while eliminating concerns of bale wedging!

Step Baffle System aids feed movement, reduces horsepower requirements while eliminating overprocessing! Made from High Carbon Steel for reduced wear.

Standard HD Axle:

HD In-Line Quad Axle Design

- Standard on mid & large frame models
- Minimizes tire & wheel bearing wear
- Large frame pictured with 385/65x22.5 tires



Optional Tandem Axle:

Oscillating/Walking Tandem Axle

- Optional on mid & large frame models
- Perfect when traveling off hard surface
- Adds 3" to load height

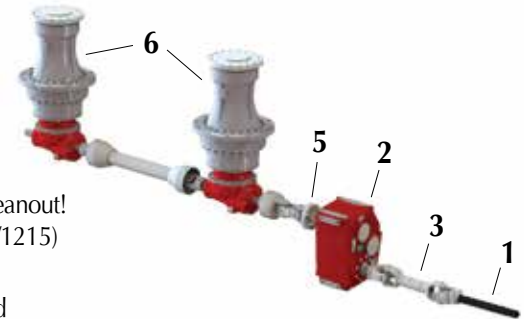


Heavy Duty Drivelines are the Heart of the Formula!

HD Direct, In-Line Drive System (trailed version)

Mid & Large Frame Formula Models

1. 1000 RPM PTO input
2. High HP, Two-Speed Drive with Electric Shift
3. Premium telescoping 2-speed input driveline (splined)
4. Auger Speed - Low Horsepower - Fast Cleanout!
- 27 rpm low / 40 rpm high (F815/1015/1215)
- 30 rpm low / 46 rpm high (F585/700)
5. Torque Disconnect Clutch protection - Std
6. **Massive planetary drives match the mixer capacity** (not one size fits all like some other brands!)



Two-Speed Electric Shift System

Meyer Formula **mixers 585 and larger** feature this two-speed electric shift system. Shift quickly and easily right from the seat of your tractor.



Formula Features and Options



Driveline Protection

This torque disconnect clutch protects your mixer & tractor driveline from unexpected torque spikes. It has an auto reset feature for ease of use. No shear bolts!



Easy Maintenance

OIL RESERVOIRS – easily accessed from the side of the mixer to monitor oil levels in your planetary gearboxes. Formula mixers feature fully-filled planetaries so all bearings (including the top one) are lubed in oil - no need to grease the top bearing manually.



Scale Packages

Meyer offers a wide variety of Scaleheads to meet your needs. We also offer remote tank mounted indicators, mounting brackets and cab-controlled wireless models.

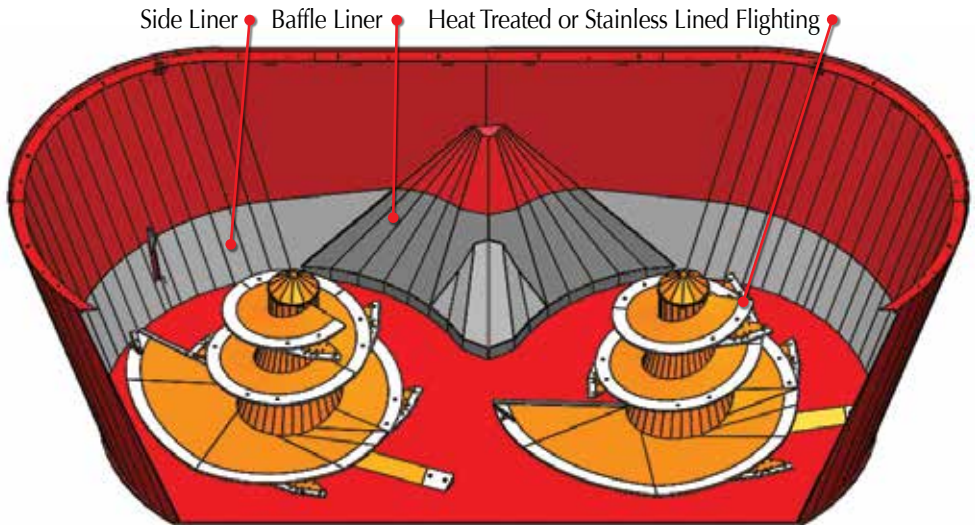


Belt Capacity Extensions are available for Single or Twin Screw Models. Adds approx. 10% to mixer capacity (Optional).



Formed Hay Ring Assembly is ideal when processing large amounts of long-stemmed hay in your ration (Optional).

Stainless Steel Side & Baffle Liners



High Wear Options: FOR HIGH USAGE APPLICATIONS

- Stainless Steel Side Liners & Baffle Liners
- Heat treated or stainless steel lined augers
- All F1215 & F1015 Commercial versions come standard w/high-wear augers & side liners!

Magnet Options:

Formula Mixers can be equipped with door frame magnets or slide tray magnets on side door models. Drape magnets or powered rotary magnets are available on front door models. Tank mounted magnets are available on all Formula Mixers. Deflector magnet systems optional on most models with incline conveyors.

Side Door / Front Door / Side & Front Door



Drape Magnet



Door Frame



Slide Tray



Powered Rotary
**select models only*



Tank Style



Deflector System



FORMULA//////



Door and Conveyor Options

Front Door Options

↖ Belt or Chain Incline Discharge Conveyor

- 24/36/48/60" Belt – 24/36/48/60" Chain
- Hydraulic folding w/LH or RH discharge
- Unique dual belt design / no carry back! (chain available)
- Dual belt conveyor unloads off flat side as well
- Drape / deflector / tip-off magnets available!

Flat Front Belt Extension Conveyor →

- Flexibility of RH & LH discharge w/ same pass
- Quiet operation
- Includes 8" side shift to right or left on poly lined track
- Belt drape magnet set available
- Deluxe, powered rotary magnet available



Belt Incline Conveyor pictured

Door Options



FRONT DOOR - Pictured with Flat Front Belt Conveyor (includes Hydraulic Shift).

Side Door Options

Hydraulic Folding Slide Tray - (far right) →

- Folds up for extra clearance during transport
- Includes magnet set
- Provides additional feed clearance from tire

Belt Discharge Conveyor →

- 24"/36"/48"/60"/72"
- Smooth, consistent deliveries to match your operation
- Magnet package available
- Chain conveyor available in lieu of belt

12" Belt Slide ↓

- Simple and efficient
- Pictured below w/optional Magnet package



SIDE DOOR - (Left, Right or Both) Pictured with Hydraulic Folding Slide Tray.



Meyer offers the Widest Variety of Conveyor Styles & Options!

Mid Frame



REAR COMMODITY DOOR

- Perfect for pre-mixes and bale processing
- Fast off-loads!

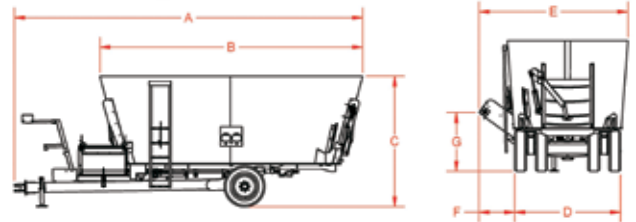


5 Models from 585 – 1,315 Cubic Feet

Pull Type Model Specifications

FORMULA IIII

MODEL - DIMENSIONS (INCHES)	MID-FRAME TWIN		LARGE-FRAME TWIN		
	F585	F700	F815	F1015	F1215
A - Overall Length - Side Door / Front Door	270" / 285"	273" / 288"	296"/326"	300"/330"	304"/334"
B - Mixing Chamber Length	212"	217"	254"	261"	269"
C - Overall Height (Standard Tires)					
- Standard Tire Size (Quantity)	245/70R19.5 (4)	245/70R19.5 (4)	385/65R22.5 (4)	385/65R22.5 (4)	385/65R22.5 (4)
- Optional Tire Size (Quantity)	380/60R16.5 (4)	380/60R16.5 (4)			
- Optional Tire Size (Quantity)					
- Base Machine	97"	107"	105"	117"	130"
- Belt Extensions	103"	113"	111"	123"	136"
- Hay Retention Ring	103"	113"	111"	123"	136"
D - Tread Width	87"	87"	105"	105"	105"
E - Transport Width - Frt Conv. / Side Conv. w/36" ext	99" / 113"	101" / 115"	116"/131"	117"/132"	118"/133"
F - Max Discharge Reach					
- Frt Cross Conveyor - Flat	9"	9"	9"	9"	9"
- Frt Cross Conveyor - Belt incl. 24"/36"/48"	25"/31"/40"	25"/31"/40"	26"/32"/40"	26"/32"/40"	26"/32"/40"
- Frt Cross Conveyor - Chain incl. 24"/36"/48"	22"/34"/45"	22"/34"/45"	17"/28"/40"	17"/28"/40"	17"/28"/40"
- Side Conveyor-24"/36"/48"/60"/72"	35"/46"/57"/68"/79"	35"/46"/57"/68"/79"	35"/46"/57"/68"/79"	35"/46"/57"/68"/79"	35"/46"/57"/68"/79"
- Side Slide Tray	18"	18"	18"	18"	18"
- Side Belt Extension	16"	16"	15"	15"	15"
G - Max Discharge Height (Standard Axle)					
- Frt Conveyor - Flat Belt	26 1/2"	26 1/2"	34"	34"	34"
- Frt Conveyor - Belt incl. 24"/36"/48" @ 40°	41"/46"/54"	41"/46"/54"	48"/53"/61"	48"/53"/61"	48"/53"/61"
- Frt Conveyor - Chain incl. 24"/36"/48" @ 45°	45"/53"/62"	45"/53"/62"	52"/61"/70"	52"/61"/70"	52"/61"/70"
- Side Conveyor-24"/36"/48"/60"/72" @ 45°	43"/51"/60"/68"/77"	43"/51"/60"/68"/77"	52"/60"/69"/77"/86"	52"/60"/69"/77"/86"	52"/60"/69"/77"/86"
- Side Slide Tray	16"	16"	25"	25"	25"
- Side Belt Extension	24"	24"	32"	32"	32"
SPECIFICATIONS					
Mixing Capacity					
- Cubic Feet - No Extension / with extension	585/647	693/760	818/910	1016/1112	1215/1315
Maximum Net Load - Pounds	19,410	22,800	27,300	33,360	39,450
Augers					
- Number	2	2	2	2	2
- Diameter	88"	88"	107"	107"	107"
- RPM - Standard	30/46	30/46	27/40	27/40	27/40
- Upper Flighting Thickness	5/8"	5/8"	5/8"	5/8"	5/8" heat treated
- Lower Flighting Thickness	5/8"	5/8"	3/4"	3/4"	3/4" heat treated
- Knives - Adjustable - (Std./Max Avail.)	5/7	5/8	5/7	6/8	6/8
Drive					
- Planetary	In-Line Drive	In-Line Drive	In-Line Drive	In-Line Drive	In-Line Drive
- PTO Drive (Std./Opt.)	1000 RPM	1000 RPM	1000 RPM-CV	1000 RPM-CV	1000 RPM-CV
- Protection	Torque-Disconnect	Torque-Disconnect	Torque-Disconnect	Torque-Disconnect	Torque-Disconnect
Discharge					
Door Opening - Front	42" x 40"	42" x 40"	46" x 40"	46" x 40"	46" x 40"
- Side	42" x 40"	42" x 40"	42" x 40"	42" x 40"	42" x 40"
- Rear	42" x 40"	42" x 40"	46" x 40"	46" x 40"	46" x 40"
Conveyor Width - Front/Side	36" / 42"	36" / 42"	36" / 42"	36" / 42"	36" / 42"
Flat Front Cross Conveyor Travel - Left or Right	8"	8"	8"	8"	8"
Tub and Trailer Construction					
- Floor Thickness	5/8"	5/8"	3/4"	3/4" (1" Opt.)	1"
- Sidewall Thickness	1/4"	1/4"	1/4"	1/4"	1/4"
- Trailer or Subframe	In-Line Quad	In-Line Quad	In-Line Quad	In-Line Quad	In-Line Quad
- Optional Axle	Walking Tandem	Walking Tandem	Walking Tandem	Walking Tandem	Walking Tandem
- Spindle Diameter (Quantity)	2 3/4" (x4)	2 3/4" (x4)	3 1/2" (x4)	3 1/2" (x4)	4 1/2" (x4)
- Scale System	4-point	4-point	4-point	4-point	4-point
Tongue Weight - % Gross	10%	10%	10%	10%	10%
Tractor Requirement - PTO HP - Minimum	110	120	140	160	200



F1215

Truck Mount Versions:

Available in all mid & large frame models

- Front, LH Side and Rear Door (large frame)
- LH Side and Rear Door (mid frame)

Truck Mount Drive Systems:

Large Frame (F815-F1015-F1215)

- HD self-compensating Hydrostatic Dual Drive with durable, ergonomic controls couple with a digital system monitor. Electronically modulated door/conveyor functions for smooth, smart operation.

Mid Frame (F585-F700)

- Simple, direct mechanical drive provides an efficient, positive power supply while an on-board hydraulic system and joy stick control handle door and discharge functions.
- Contact the factory for details & truck specs
- Consult meyermfg.com or Truck Mount Mixer insert for more details on truck mount models



Small Frame Twin & Single Screw Models Available
355-570 Cubic Feet

YOUR DEALER IS:



Connect with us!

Meyer Mfg. Corp.

Dorchester, Wisconsin 54425

Phone: 715/654-5132 • FAX: 715/654-5513 • 1-800-325-9103

email: sales@meyermfg.com • www.meyermfg.com