

## MEYER FORMULA MIXER TRUCK MOUNT SPECIFICATIONS - STOP & SHIFT TRANSMISSION PTO DRIVE

MIXER MODEL	MINIMUM WHEEL BASE	MINIMUM CAB TO AXLE (CLEAR FRAME) ***	MINIMUM AFTER FRAME	AXLE TYPE	MINIMUM GVWR	MINIMUM FRAME SECTION MODULUS*	MINIMUM AXLE FRONT/ REAR	MINIMUM ENGINE HP	MINIMUM ENG DISPLACEMENT	MINIMUM TORQUE @ PTO ADAPTOR**
F585 SIDE DOOR	195"	132"	66"	SINGLE	45,000#	17	12,000# / 33,000#	300 HP	8 LITER	400 FT-LBS @ 100% PTO
F700 SIDE DOOR	195"	132"	66"	TANDEM	54,000#	17	14,000# / 40,000#	300 HP	9 LITER	400 FT-LBS @ 100% PTO

12/29/2021 Revision: C

\* MIN FRAME SECTION MODULUS refers to strength of frame based on 110,000 PSI yield strength

\*\* PTO ADAPTOR must have bolt pattern and pilot to accept a 1410 series driveline, SPICER# 3-2-159

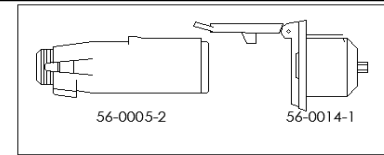
\*\*\* No braces, exhaust pipes, brackets, hardware, etc. behind cab and above frame rails, unless cab to axle dimension is taken from behind these features

### Truck Recommendations:

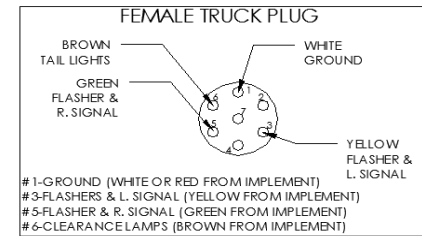
- ~ Ground speed of 2 - 3mph at 1800 engine RPM is desired for feeding
- ~ Install Auxillary Transmission (Drop Box) as far rearward as possible
- ~ Radiator Options: Feedlot, Reverse Fan, Prescreen, etc.
- ~ Throttle lock / cruise control at engine speed incremental up to 1800 RPM
- ~ Wide mirrors
- ~ Frame Splicing tapered and staggered (Talk to your truck shop)

Chelsea Smart Start Modulating PTO or equivalent is required

**Mid-Frame  
Twin Screw  
Direct Drive  
Two Speed**



SUPPLY A 7-PIN MALE & FEMALE PLUG OFF THE REAR OF THE CAB FOR LIGHT HOOK UP TO IMPLEMENT, LOCATED CENTRALLY BEHIND THE CAB. ORDER FROM MEYER #56-0005-2 & 56-0014-1.



### TAILLIGHT CONVERTER

DEPENDING ON MAKE AND MODEL OF TRUCK IT MAY BE NECESSARY TO INSTALL A LIGHT CONVERTER, MEYER #56-0028. CONVERTER ALLOWS SIGNAL LIGHTS AND BRAKE LIGHTS TO OPERATE ACCORDING TO DOT LIGHTING REGULATIONS.

**Note:** If truck is supplied by the customer, it is the responsibility of the customer to work with a knowledgeable truck dealer to ensure all local and state transportation laws will be met where the truck is to be operated. If truck is supplied by a truck dealer, it is their responsibility to make the truck legal for road use by all state and local laws affecting the customer. Always follow federal, state and local laws for lighting, mud flaps, height, width, weight and operation. Over-width permits may be necessary in certain areas of



**FORMULA III**

**Truck Specification Questions?**

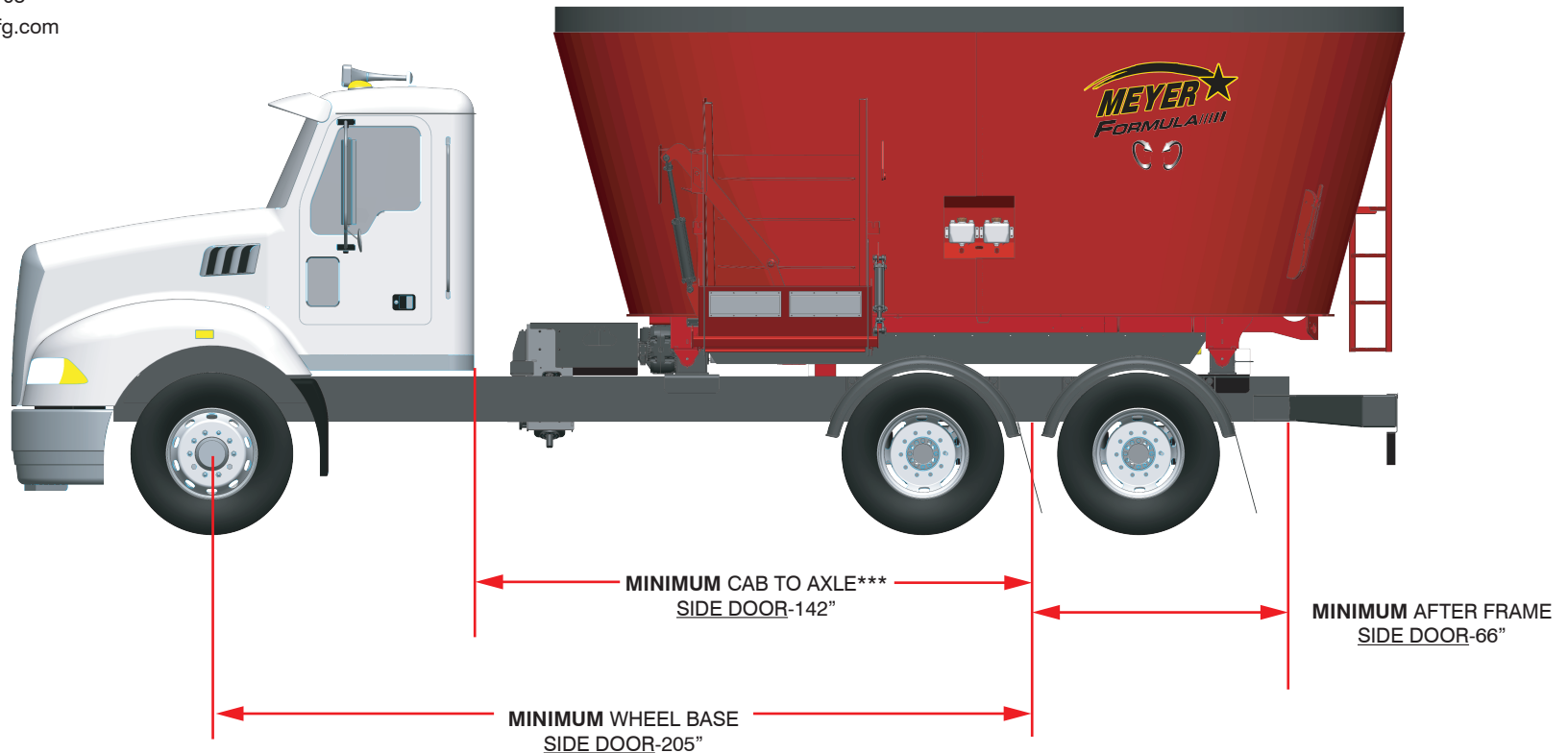
Contact the Meyer Service Department

(800) 325-9103

sales@meyermfg.com

# 585/700 POWER SHIFT TRUCK MOUNT SPECIFICATIONS

MIXER MODEL	AXLE TYPE	MINIMUM GCWR	MINIMUM FRAME SECTION MODULUS*	MINIMUM AXLE FRONT / REAR	MINIMUM ENGINE HP	MINIMUM ENGINE DISPLACEMENT	MINIMUM TORQUE @ PTO ADAPTER**
F585-MA SIDE DOOR	SINGLE	45,000#	17	12,000# / 33,000#	300 HP	8 LITER	500 FT-LBS @ 100% PTO
F700-MA SIDE DOOR	TANDEM	54,000#	17	14,000# / 40,000#	300 HP	8 LITER	500 FT-LBS @ 100% PTO

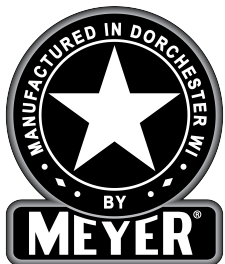


\* MIN FRAME SECTION MODULUS refers to strength of frame based on 110,000 PSI yield strength

\*\* PTO adapter must have bolt pattern and pilot to accept a 1410 series driveline, Spicer# 3-2-159

\*\*\* No braces, exhaust pipes, brackets, hardware, etc. behind cab and above frame rails, unless cab to axle dimension is taken from behind these features

**Note:** If truck is supplied by the customer, it is the responsibility of the customer to work with a knowledgeable truck dealer to ensure all local and state transportation laws will be met where the truck is to be operated. If truck is supplied by a truck dealer, it is their responsibility to make the truck legal for road use by all state and local laws affecting the customer. Always follow federal, state and local laws for lighting, mud flaps, height, width, weight and operation. Over-width permits may be necessary in certain areas of the country.



# 585/700 POWER SHIFT TRUCK MOUNT SPECIFICATIONS

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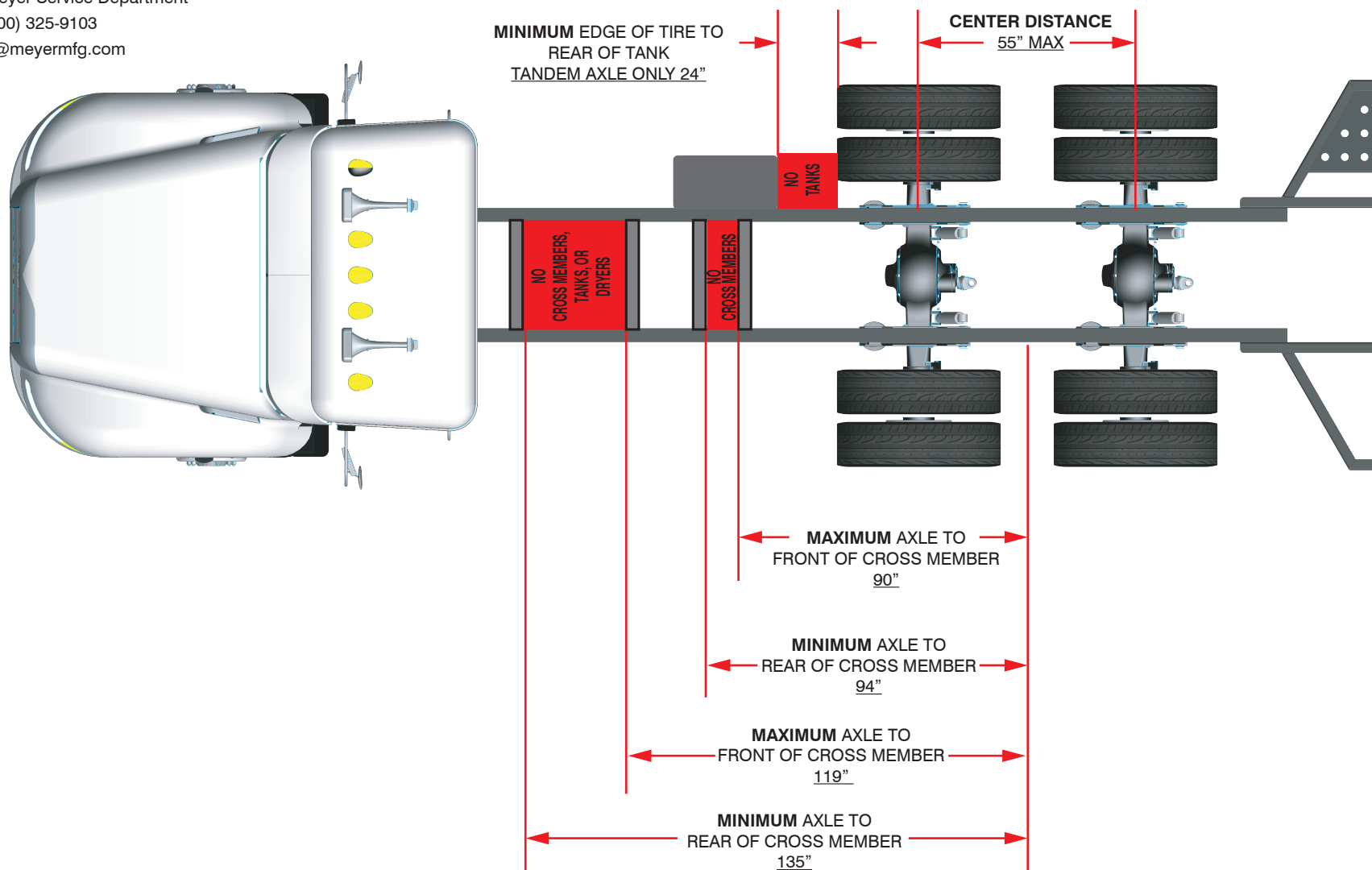
## FORMULA IIII

### Truck Specification Questions?

Contact the Meyer Service Department

(800) 325-9103

[sales@meyermfg.com](mailto:sales@meyermfg.com)





## FORMULA IIII

### Truck Specification Questions?

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# 585/700 POWER SHIFT TRUCK MOUNT SPECIFICATIONS

MINIMUM TOP OF FRAME TO  
TOP OF DROP BOX

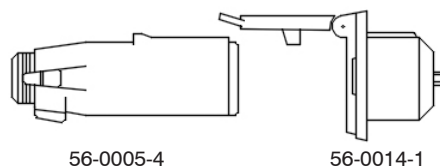
3"

FRONT POD BRACE

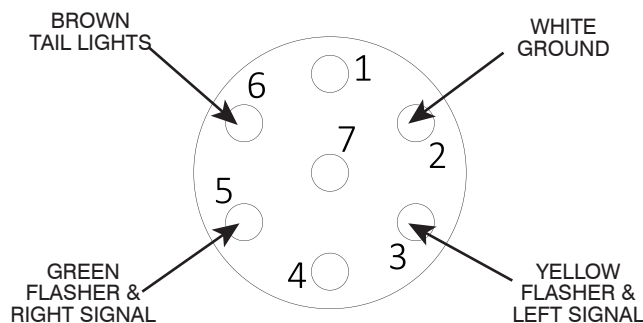
MAXIMUM AXLE TO  
FRONT OF DROP BOX  
118"

### Truck Recommendations:

- Ground speed of 2- 3 mph at 1800 engine RPM is desired for feeding
- Install Auxiliary Transmission (Drop Box) as far rearward as possible
- Radiator Options: Feedlot, Reverse Fan, Prescreen, Auxiliary Condenser etc.
- Throttle lock / cruise control at engine speed incremental up to 1800 RPM
- Wide mirrors
- Frame Splicing tapered and staggered (Talk to your truck shop)
- Chelsea Smart Start PTO or equivalent is highly recommended



Supply a 7-Pin male and female plug off the rear of the cab for light hook-up to implement, located centrally behind the cab.  
Order from Meyer# 56-0005-4 & 56-0014-1.



### Tail Light Converter

Depending on make and model of truck, it may be necessary to install a light converter, Meyer# 56-0028. Converter allows signal lights and brake lights to operate according to DOT regulations.