

MEYER FORMULA MIXER TRUCK MOUNT SPECIFICATIONS - FEPTO 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 HP @ CRANKSHAFT PTO ADAPTOR**	MINIMUM TORQUE @ CRANKSHAFT PTO ADAPTOR**
F815 SIDE DOOR	235"	166"	81	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	580 FT-LBS @ 1800 RPM
F815 FRONT DOOR	279"	210"	73.5	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	580 FT-LBS @ 1800 RPM
F1015 SIDE DOOR	235"	166"	81	TANDEM	64,000#	23	18,000# / 46,000#	325 HP	225 HP	660 FT-LBS @ 1800 RPM
F1015 FRONT DOOR	279"	210"	73.5	TANDEM	64,000#	23	18,000# / 46,000#	325 HP	225 HP	660 FT-LBS @ 1800 RPM
F1215 SIDE DOOR	235"	166"	81"	TANDEM	72,000#	23	20,000# / 52,000#	350 HP	250 HP	730 FT-LBS @ 1800 RPM
F1215 FRONT DOOR	279"	210"	73.5"	TANDEM	72,000#	23	20,000# / 52,000#	350 HP	250 HP	730 FT-LBS @ 1800 RPM

Date: 09-06-19 Revision B

**Large-Frame
Twin Screw
Hydrostatic
Drive
Front Engine
PTO**

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

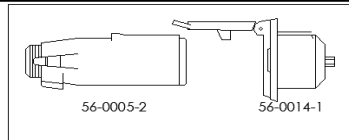
Mandatory Truck Requirements for FEPTO Drive (Front Engine PTO / Hydrostatic Mixer Drive):

- ~ Truck radiator must not block access to the crankshaft; an area of at least 8" X 8" must be left open between the crankshaft adaptor bolt face and the front bumper
- ~ Truck must have frame extensions protruding forward of the radiator / grill area at a minimum of 2' 6" from the grill, with the centerline of the frame rails at the same height as the crankshaft
- ~ When the hood is opened, the grill must remain stationary so as not to interfere with FEPTO drive components.
- ~ Cab should have bucket seats with space between seats open and available for mounting the mixer control console

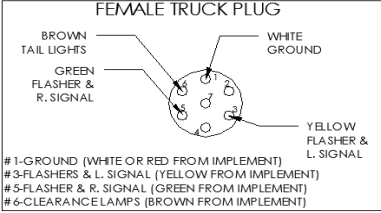
Truck Recommendations:

- ~ Ground speed of 2 - 3mph at 1800 engine RPM is desired for feeding
- ~ 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)





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
DEPENDENT 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 the country.

MEYER FORMULA MIXER TRUCK MOUNT SPECIFICATIONS - REPTO 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 HP @ REPTO OUTPUT FLANGE**	MINIMUM TORQUE @ REPTO OUTPUT FLANGE**
F815 SIDE DOOR	235"	166"	81"	TANDEM	59,000#	23	16,000# / 43,000#	300 HP	200 HP	480 FT-LBS @ 1800 RPM
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9/6/2019 Revision B

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

** REPTO output flange must be a 4 bolt flange for 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

Definition of REPTO (Rear Engine Power Take-Off) Drive:

A REPTO is a high-horsepower accessory drive that receives its power directly from the engine crankshaft. It is an integral part of a unique flywheel housing, rotating the same direction as the engine, gear driven off the rear of the crankshaft, and providing continuous power any time the engine is operating.

A REPTO is NOT a transmission mounted PTO, and it cannot be engaged / disengaged.

REPTO drives offer several advantages over FEPTO drives:

- There is no need for frame extensions or special bumpers
- There is no need to raise or modify the radiator for PTO shaft clearance
- Eliminates possibility of pump damage due to front - end collision
- Increased maneuverability and visibility because of the shorter overall truck length
- Simplified hydraulic system with shorter hydraulic hoses that are better protected

**Large-Frame
Twin Screw
Hydrostatic Drive
Rear Engine PTO
(REPTO)**

Mandatory Truck Requirements for REPTO Drive:

- ~ The area between the REPTO output flange and the rear of the cab must be left open to allow space for the pump driveline to pass through
- ~ There needs to be space between the cab seats for which to mount the mixer control console.

Truck Recommendations:

- ~ Ground speed of 2 - 3mph at 1800 engine RPM is desired for feeding
- ~ 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)



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