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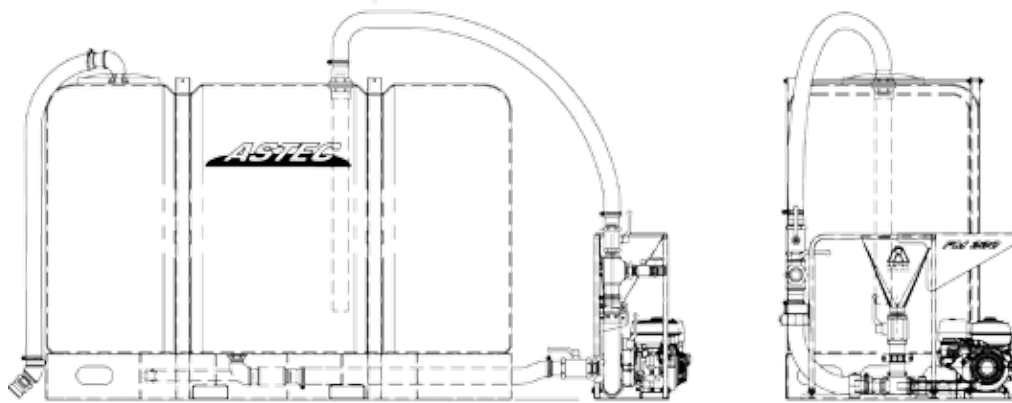
## FM-130 & 330

FLUID MIXING SYSTEMS



# BREAKTHROUGH SOLUTIONS

# FM-130 & 330 DRILLING FLUID MIXING SYSTEMS



Both the FM-130 and FM-330 Mud Mixing Units consist of a reservoir tank mounted to a frame-type skid for ease of lifting or solid mounting, and a gasoline-powered centrifugal pump, venturi mixing tee assembly and a hopper, all mounted to another frame-type skid for ease of lifting or solid mounting. An optional curbside fill kit that contains all necessary hoses and hardware components for connecting to a water source such as a hydrant is available.

## FM-130 Drilling Fluid Mixing System

### ENGINE

- High-efficiency GX160 Honda, gasoline-powered, pull start
- Rating ..... 5.5 hp (4.0 kW)
- Fuel Capacity..... 0.95 U.S. gallons (3.6 L)
- Oil Capacity ..... 0.63 quarts (0.6 L)

### TANK

- Polyethylene with access hatch on top
- Fluid mixing..... 300 U.S. gallons (1,135.6 L)

### FLUID HANDLING SYSTEM

- Rated Capacity ..... up to 130 gpm (492.1 L/min)
- Circulating Pump..... centrifugal pump
- Seal ..... mechanical long life

### MIXING SYSTEM

Type.....Proprietary dual shear mixing system, venturi jetted  
Hopper ..... Fixed in place, vacuum induced anti bridging

### DIMENSIONS

300-gal (1,135.6 L) tank..... 50 x 34.5 in (1.27 x .88 m)  
Height..... 68.56 in (1.74 m)  
Weight..... 296 lbs (134.26 kg)

Mix Hopper Unit ..... 51.38 x 18.56 in (1.31 x .47 m)  
Height..... 41.5 in (1.05 m)  
Weight..... 225 lbs (102.06 kg)

Recommended for use with horizontal directional drills with up to 12,000 lbs (5,443.12 kg) thrust/pullback.

## FM-330 Drilling Fluid Mixing System

### ENGINE

- High-efficiency GX390 Honda, gasoline-powered, electric start
- Rating ..... 13 hp (9.7 kW)
- Fuel Capacity..... 1.72 U.S. gallons (6.5 L)
- Oil Capacity ..... 1.2 quarts (1.1 L)

### Optional engine:

Hatz air-cooled diesel engine with pull start.

- Rating ..... 10 hp (7.4 kW)
- Fuel Capacity..... 1.32 U.S. gallons (5 L)
- Oil Capacity ..... 1.6 quarts (1.5 L)

### TANK

- Polyethylene with access hatch on top
- Fluid mixing..... 500 or 1,000 U.S. gallons (1,893 or 3,785 L)

### FLUID HANDLING SYSTEM

- Rated Capacity ..... up to 330 gpm (1,249 L/min)
- Circulating Pump..... centrifugal pump
- Seal ..... mechanical long life

### MIXING SYSTEM

Type.....Proprietary dual shear mixing system, venturi jetted  
Hopper ..... Fixed in place, vacuum induced anti bridging

### DIMENSIONS

500-gal (1,893 L) tank..... 80 x 30.75 in (2.03 x .781 m)  
Height..... 73 in (1.85 m)  
Weight..... 470 lbs (213 kg)

1,000 gal (3,785 L) tank..... 102 x 4.75 in (2.59 x 1.09 m)  
Height..... 78 in ( 1.98 m)  
Weight..... 930 lbs (421 kg)

Mix Hopper Unit ..... 51.38 x 18.56 in (1.31 x .47 m)  
Height..... 44.5 in (1.13 m)  
Weight..... 413 lbs (187.33 kg)

Recommended for use with horizontal directional drills with 12,000 to 60,000 lbs (5,443.12 to 27,215.54 kg) thrust/pullback.

IMPORTANT: Astec Underground reserves the right to change these specifications without notice and without incurring any obligation relating to such change. This literature has been published for world-wide circulation. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Astec dealer/distributor will be able to give you details of the products and their specifications available in your area.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable. © 2007 ASTEC UNDERGROUND. All Rights Reserved. ASTEC\_FM130&330\_10\_07

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