

# DB X35 BIG BAG



All pictures shown are for illustrative purposes only and may contain optional equipment.

## MIXER SYSTEM

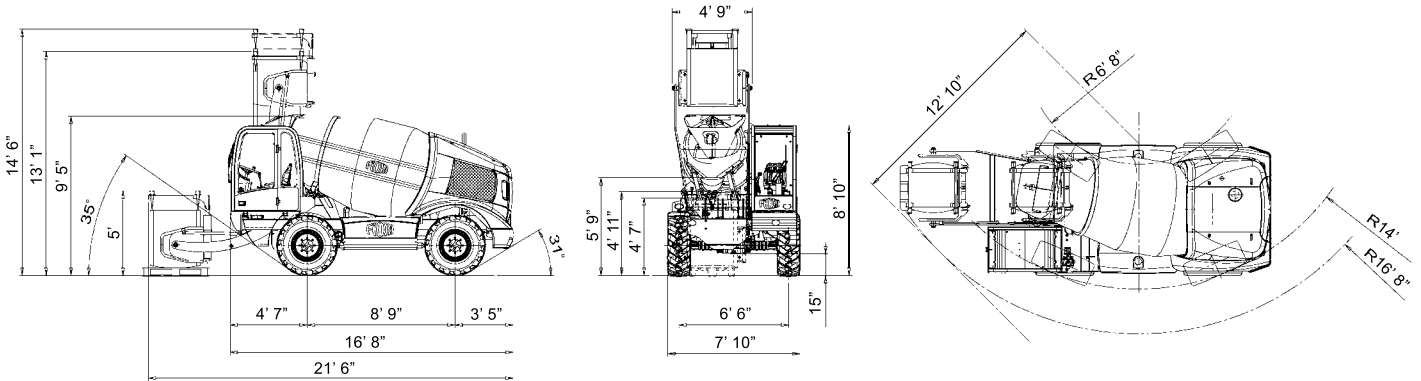
While designed for the preparation of concrete, the DB X35 Big Bag self-propelled concrete mixer can also be used for other mixes. This self-propelled mixing system features a self-loading device for big bags containing either a single ingredient or several dry pre-mixed ingredients. Offering extremely versatile technology, it avoids the presence of piles of aggregates on site and is suitable for operation in small spaces, reducing risk for the operator and guaranteeing higher quality mixes.

# FIORI



# MIXER SYSTEM

# DB X35 BIG BAG



DIESEL ENGINE	Stage IV / Tier 4 Final EPA
Model :	KOHLER series KDI 3,404 TCRSCR
Type :	Turbo Common Rail
Total displacement :	3,400cc - 4 in line + DOC + SCR
Injection :	Mechanical control with direct injection
Cooling :	air water, dry air filter
Maximum power :	90 kW (122 Hp)
Adj. power :	90 kW (2,200 rpm)
Maximum torque :	500 Nm a 1,400 rpm
Alternator :	12V - 90 A

## ELECTRIC SYSTEM

Battery: ..... 12 V - 132 Ah (600 A)  
Road light system.

## 4X4 FOUR-WHEEL DRIVE

Hydrostatic transmission with variable displacement pump and variable displacement hydraulic motor with electro-hydraulic control, and reverse gear control on the steering wheel.

Electro-hydraulically controlled mechanical gearbox for "working speed" and "road transfer" speed.

## SPEED

4 forward gears                    2 reverse gears  
Ist 0 - 2 mph                    0 - 2 mph  
IInd 0 - 4 mph                    0 - 2 mph  
IIIrd 0 - 6 mph                    0 - 6 mph  
IVth 0 - 16 mph                    0 - 6 mph  
Traction / weight ratio ..... 48%

## AXLES AND WHEELS

Front and steering with planetary reduction gears on the wheel hubs and flanged gearbox.

Rear, oscillating ( $\pm 6^\circ$ ) with planetary reduction gears on the wheel hubs.

Tires ..... 405/70-20 PR

## BRAKES

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with miniservo pump on independent dual circuit.

Negative type parking brake, with internal oil-bath discs on the front axle and electro-hydraulically controlled release.

## STEERING

Assisted by means of load-sensing power steering with double displacement on 4 steering wheels; steering selection device for: 2 steering wheels, 4 steering wheels - crab steering.

## WATER SYSTEM

"Self-priming" volumetric water pump with quick-suction.

Max. capacity: ..... 66 gal/min  
Maximum head: ..... 58 psi

Two connected tanks positioned opposite each other made of polyethylene with a total capacity of ..... 230 gallons  
Water feeding to the drum controlled by means of electromagnetic flow meter and fed litre reading on the cabin display.

Water pump activation from the driver's seat.  
Suction selection from the ground with quick-coupling pipes.

## MIXING AND UNLOADING

Double-cone drum with double-spiral mixing screws and convex bottom.

Geometrical drum volume: ..... 1,321 gallons  
Drum rotation speed: ..... 24 rpm

Class S1 concrete produced as : ..... 4.6 cu yd  
Drum rotation by means of a piston pump with variable flow rate and an orbital hydraulic motor in closed circuit with infinitesimal electrical control positioned in the cabin.

Unloading chute with hydraulic tilting by means of a double-acting jack and control placed inside the cabin.

1 unloading chute extension provided as standard equipment.

## EQUIPMENT HYDRAULIC SYSTEM

Gear pump

Max. flow rate: ..... 12 gal/min  
Maximum pressure: ..... 3,336 psi

3-element distributor servo-controlled with multi-function joystick.

Aluminium heat exchanger for hydraulic oil cooling.

Pressurised closed-circuit intake with oil filter replaceable from the outside.

## LOADING SYSTEM

Loading system for BIG BAGS with telescopic device for vertical position adjustment. Tempered steel blades for bag cutting. Automatically-operated hydraulic vibrator, located on the conveyor.

Max. lifting capacity ..... 2,425 lbs.  
Max. dimensions BIG BAG ..... 31x31x35 inches

## CAB

Closed cab with heating system, designed in accordance with ROPS & FOPS Level I standards.

Tilting front window.

Anatomic seat with flexible suspension and height adjustment, seat belts.

## SERVICE REFILL CAPACITIES

Fuel tank: ..... 22.5 gallons  
Total hydraulic system capacity: ..... 32 gallons

## WEIGHTS

Operating weight ..... 13,889 lbs.  
Max gross weight: ..... 32,849 lbs.  
Load-carrying capacity: ..... 19,180 lbs.