



The **Maxon Agimax** is designed to transport, agitate and place concrete in low profile underground applications, where discharge heights will not allow a full hoisting body similar to the **Maxon Agitor**. When working in small-bore tunnels, the Agimax offers many advantages not available with conventional agitator cars.



Features

- Narrow profile - only 64" wide**
- 11 cubic yard rated haul capacity**
- Meets ASTM & ACI specifications for agitated concrete haul bodies**
- Large open top allows easy positioning under drop shaft for fast loading**
- All functions hydraulically operated**
- Bi-rotational agitator shaft insures quality concrete**
- Non-rotating drum for greater stability**
- Easy access shell for quick cleanout and visual inspection of concrete**
- Electric, diesel, air power or truck PTO**
- Rail car configurations available to meet all underground conditions**

Applications

The compact sized **Agimax** now offers a more economical and efficient alternative to previous concrete transportation methods. Maxon's experience in designing and manufacturing concrete transportation equipment insures quality concrete delivered with reduced cycle times for all underground applications:

- Large and small bore tunnels
- Shotcrete and gunite
- Invert and arch forms
- Mining applications
- Remixer at drop shaft
- Grout and backfill

AGIMAX

Concrete Agitator/Transporter for
Underground Applications



Specifications

Haul Capacity - 11 cubic yard agitation capacity, 13 cubic yard volumetric capacity.

Hydraulic Controls - all functions hydraulically controlled including:

- Agitator, bi-rotational
- Body Vibrator for improved cleanout
- Discharge Gate, with speed control
- Body Hoist

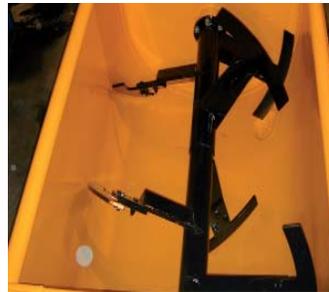
Agitator - 6 rpm bi-rotational agitator shaft complete with reinforced arms. Bolt-on T-1 steel paddles allow adjustments in clearance for different concrete mix designs, and provide agitation and remixing of concrete as required.

Hydrostatic Drive - 40 gpm, 2500 psi rated hydraulic pump, with tank and full flow hydraulic filter. Hydraulic pump powered by 40 horsepower electric motor and starter panel. (Optional diesel, air and truck PTO power available).

Body Hoist - Twin cylinders allow body to be hoisted for increased discharge speed and easy cleanout. Hoisting is not required for normal discharge.



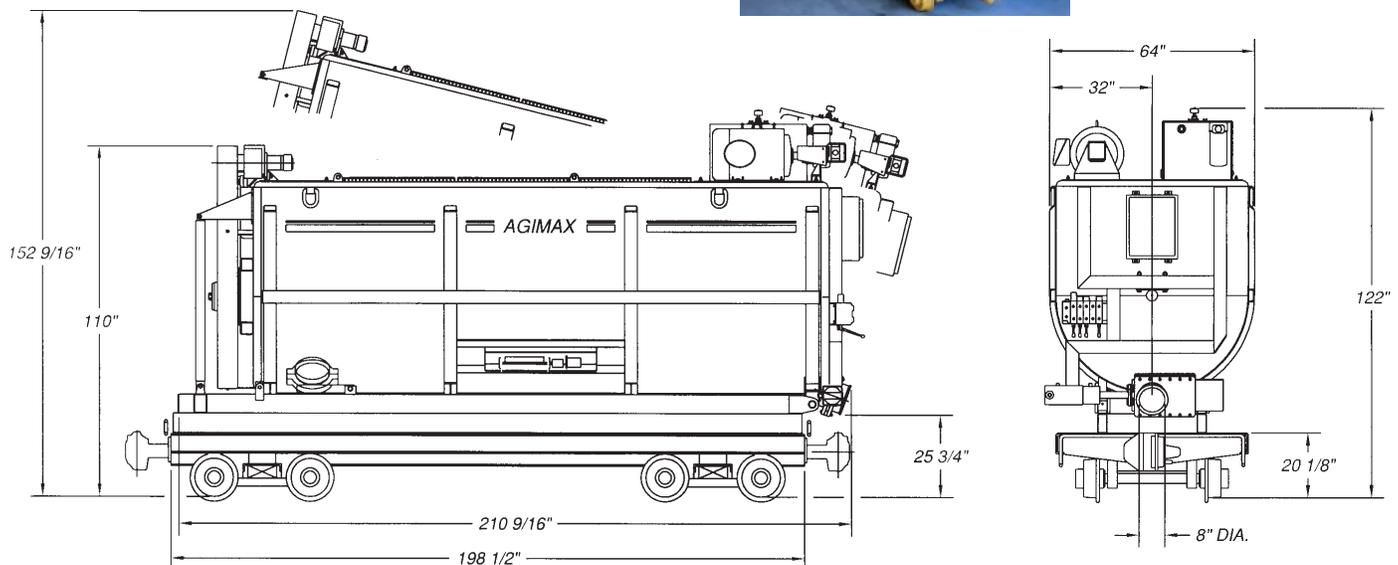
The Agimax discharges through an 8" diameter hydraulically operated knife valve. The valve is adjustable for wear to reduce leakage, and can be feathered or fully opened for discharge speeds from a trickle to 6 cubic yards per minute.



The bi-rotational agitator shaft is driven hydraulically with a high torque motor. Paddles provide for efficient and fast cleanout. The agitator rotates at 6 rpm, and can remix or retemper concrete as site conditions require.



Additional features for the Agimax include two (2) hoist cylinders to lift the body during discharge. The Agimax shell is constructed of 1/4" AR300 abrasive resistant steel for maximum wear.



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