



The Company with Connections®



Manufacture Quality Precast Concrete Inverts

# PRIMARY MONOLITHIC INVERT SYSTEM

## A-LOK PRIMARY INVERT SYSTEM

The **A-LOK Primary Precast Invert System** provides an economical and efficient method of manufacturing quality concrete inverts in precast concrete manholes. The system allows the bench and invert to be formed during the initial manufacturing of the base.

The equipment consists of a cast “invert” plate which allows a 1” per foot slope across the bench to the channel. The channels are formed by inter-changeable fiberglass inserts that are “quick-bolted” to the cast iron dome. The inserts are constructed of full 1/2” fiberglass and the outside is coated with gel to promote durability against the alkaline and abrasive nature of concrete. The hub areas of the insert are designed to facilitate match-ups between pipe and manhole channel inverts.

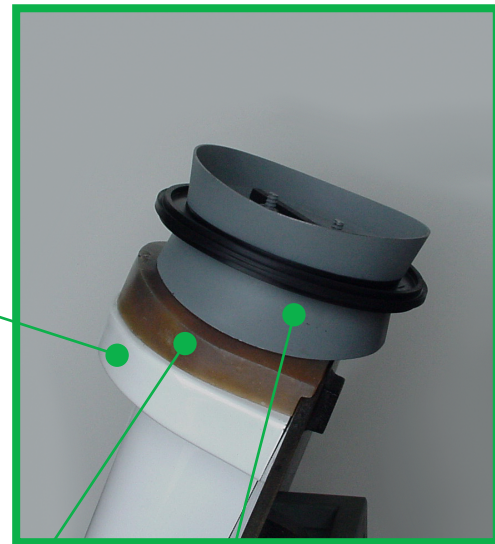
## ADVANTAGES

- Easily adaptable to existing casting equipment
- Similarity to standard set-up procedures makes the system simple to use and time efficient
- Eliminates labor, space and equipment necessary for secondary pour
- Helps control product damage by reducing in-plant handling of the product
- Provides a smooth uniform channel not obtainable by secondary pour equipment
- Compatible with A•LOK boot or pipe-to-manhole compression connections
- Can decrease the amount of concrete poured in a base compared to adding concrete with Secondary Invert Systems



Cast Iron Dome

Interchangeable Fiberglass Inserts



Invert Mandrel Adapter

Invert Mandrels

Available for A-LOK X-CEL, G3, Quik-LOK and Z-LOK F-208-8 Connectors

Meets or exceeds ASTM C478-15A Subsection 15 Base Sections.



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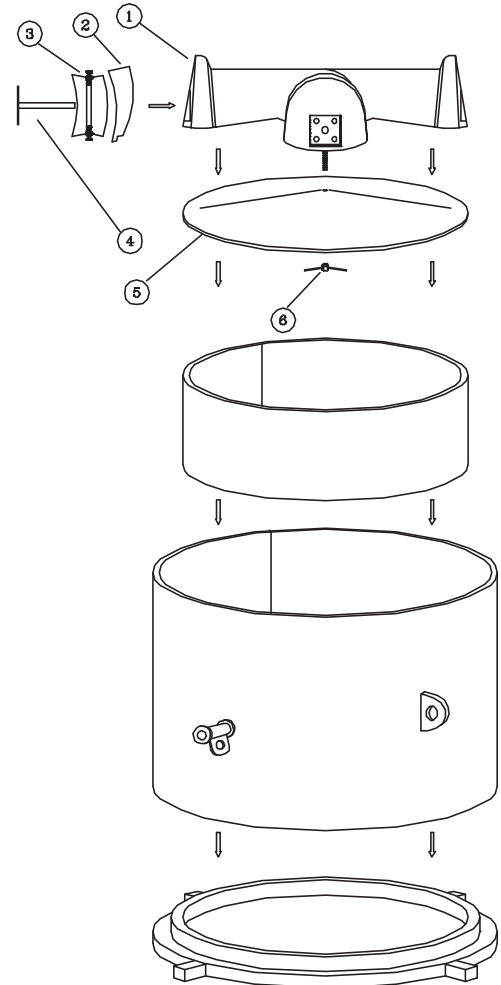


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## PARTS

1. Interchangeable fiberglass inserts.  
*Note: 8" is available in 7.5° increments from 90°-270°. Standard 8" three-way is also available. 8-10" available in standard 15° increments from 90°-270°. 12" available for 180° only.*
2. Invert mandrel adapter
3. Invert mandrels are available for A-LOK X-CEL and G3 connectors
4. Centerline pin will slide through the mandrel to insure proper pipe invert alignment
5. Cast iron dome designed with a 1": per foot taper to the invert
6. Wing nut



## INSTALLATION

- A. Use bridge crane to attach lift hook to swivel eye of dome
- B. Lift straight up
- C. Lower dome onto edge of core to allow dome to return to its horizontal position

