PRIMARY PRECAST INVERT SYSTEM

A•LOK® PRODUCTS, INC.

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.

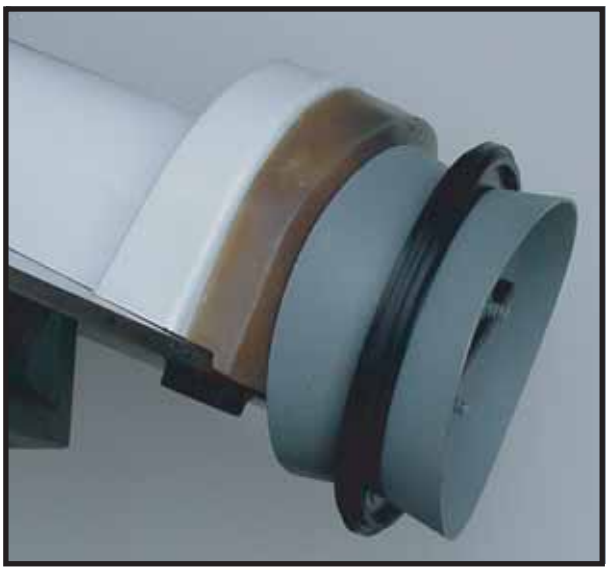
The equipment consists of a cast "invert" plate which allows a 1" per foot slope across the bench to the channel. The channels are formed by inter-changeable fiberglass inserts that are "quick bolted" to the cast iron dome. The inserts are constructed of full ½" fiberglass and are gel coated outside 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.

Monolithic invert mounted on dome.

ADVANTAGES

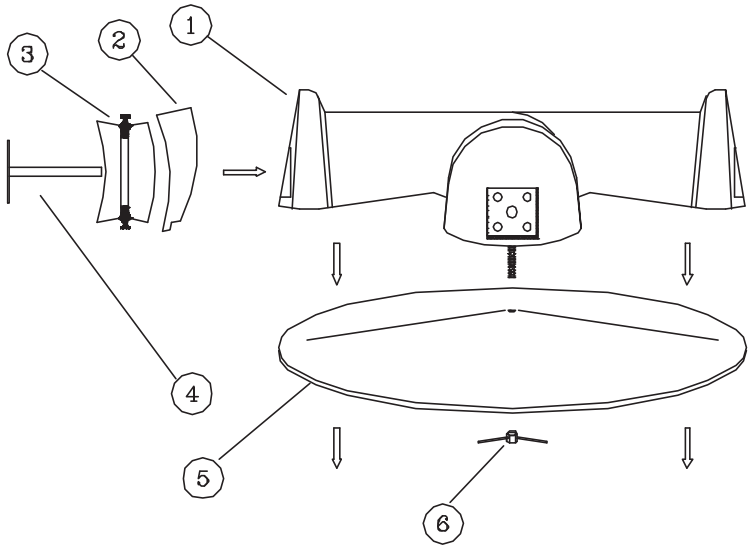
1. Easily adaptable to existing casting equipment.
2. Similarity to standard set-up procedures makes the system simple to use and time efficient.
3. Eliminates labor, space and equipment necessary for secondary pour.
4. Helps control product damage by reducing in-plant handling of the product.
5. Provides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

Refer to ASTM C478-15 Base Sections.

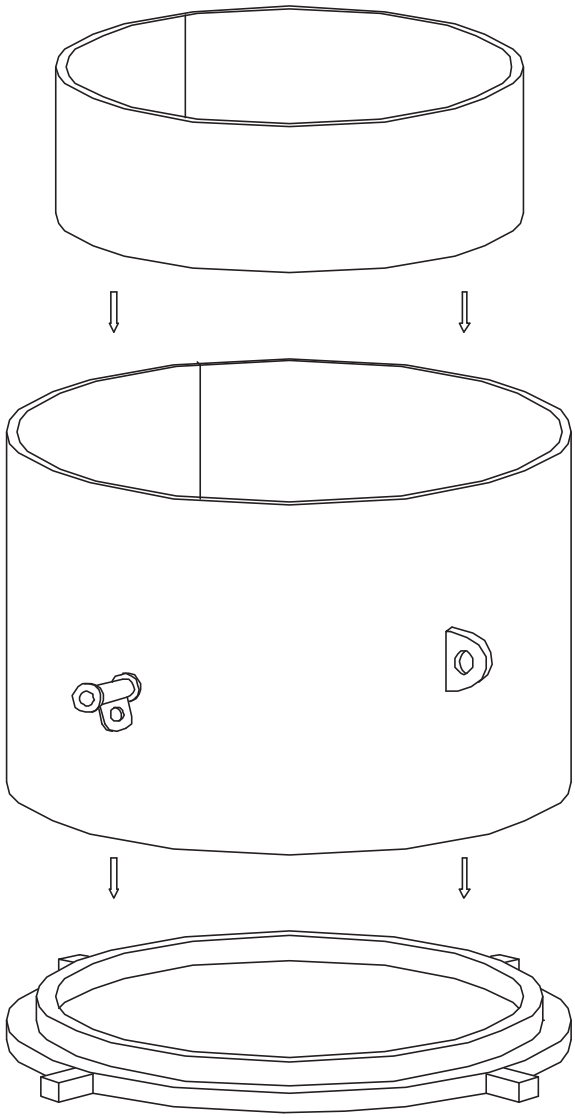


A•LOK connector and mandrel with adaptor.

The parts of the A•LOK Primary Precast Invert System



1. Interchangeable fiberglass inserts available in 7-1/2 degree increments for 8” size 90° to 270°.
   NOTE: 8” standard three-way is available also. 8-10” available every 15 degree increments from 90° to 270°. 12” available in 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.



A•LOK PRODUCTS, INC.
THE COMPANY WITH CONNECTIONS®

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