

Amcor Precast (Oldcastle) Foothills Project

Dry cast manhole and wet cast precast solutions...

Oldcastle's Amcor Precast Foothills required a cost-effective solution to mixing and batching that supported both dry cast manhole and wet cast production. Being able to efficiently produce SCC wet cast pipe was a critical piece of the equation.



Project Highlights

- 48 CuYds conventional concrete output/hour
- Single planetary mixer with twin discharge gates supports two separate production lines
- Unattended PCS Control gives plant complete automation, and more consistent quality control
- Aggregate row type bin configuration allows for automatic aggregate material handling, saving significant labor and time



WE ADD PROFITABILITY TO THE MIX.

Amcor Precast Foothills Specs

MobilMat Mo80-4-PCS with Wiggert HPGM 2250 mixer feeding two separate production lines

Aggregate row type bins are charged by automatic aggregate material handling. The delivery truck dumps aggregate into truck dump hopper for automatic transfer into the appropriate aggregate bin. No labor or front end loader is required to charge aggregate bins

4 Compartment aggregate bins row type silo with maximum capacity 280 tons of aggregates

2 compartment split cement silos, with total approx. 100 tons storage capacity

HPGM 2250 mixer has a fully automatic mixer cleaning system reducing clean up time and labor

PCS Computer Control system fully automatic for truly unattended operation

4 admixture metering control for specialty SCC and dry cast concrete production

Hydrotester aggregate bin probes automatically adjust batch weight automatically in order to compensate for aggregate moisture and to maintain batch yield

Hydromat mixer probes automatically adjust batch water to maintain perfect consistent W/C ratio each batch and concrete quality

Labor saving turnkey solutions from ACT were the answer...



ACT's turnkey plant design and delivery transformed the typical months of construction and installation into a matter of weeks. ACT's engineers also designed a comprehensive production solution that allowed for cost-effective future plant expansion as well as labor saving features that included a truck dump hopper for automatic transfer into appropriate aggregate bins, eliminating the need for labor or usual front end loaders to charge the bins.



“Our experience with ACT is always very good. During the install and setup, we never had a problem, unlike our experiences with previous vendors. I have zero complaints.”
– Larry Miller, P.E.

