



Pine Hall Brick
Since 1922

PINE HALL BRICK

**FAIRMOUNT PLANT –
FAIRMOUNT, GA.
ROBOTIC UNLOADER**



Four Fanuc 410 iWW Robots unload brick from the kiln car.

Pine Hall needed and wanted an unloader that could handle an average of 30,000 modular brick per hour, handle the unstable split paver efficiently, and be easily maintained. This need was met by an ASI Robotic Unloading System at the Pine Hall Brick – Fairmount Plant, located in Fairmount, Georgia.

ASI's engineers utilized four robots, years of machine design experience and the experience of Pine Hall personnel to design an unloader that features a hold back and counting/split system that handles even the split pavers efficiently. The hold back and counting/split system does not allow brick in front or back of a train to turn over, even if they are two high. These features along with the intertwining of the stacker gripper fingers with the stacker side plates allow the machine to run without the pesky shutdowns a fallen brick may cause.



The marshalling system features a unique counting/split system that allows for easy counting of all brick sizes, even the split pavers.

The Robotic Unloading System also features the following:

- Bottom Row Grading.
- Replaceable Hardened Round Rods for Sliding of the Brick on the Marshalling System. (This has proven to last longer and is easier to maintain than chain conveyors)
- All functions are either electrically or pneumatically controlled

As always, combine the above with professional on-time installation and startup, and you have a machine that is meeting and exceeding the needs of Pine Hall Brick.

For your next unloading needs, please give us a call.

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