



BORAL BRICK

**PLANT 145
PHENIX CITY, AL.
ROBOTIC UNLOADER**

The mission was to replace an existing monorail with a new unloader that can unload cars at a high rate, stay within the small footprint of the existing structure, and cause minimal production downtime to install. The solution was an ASI Robotic Unloader.

The ASI Robotic Unloader features two dehacking heads, with two grippers each, dehacking from two kiln cars, slat conveyor,



Dehacking Grippers

two “Fanuc” Robots to feed the stacker, a unique void making table with void board applicator, dual headed strapping, and a cross strapper with an automatic label applicator.

The unique void making table removes only the void brick from the layer and recounts just the extra void brick.



The Void Making Table

ASI’s engineers utilized two robots, years of machine design experience and the experience of Boral’s Bill Miley and Todd Goodson to design an unloader that fits in the existing space plus runs rate at an efficient level.



Robot Tooling and Stacker Side Plates fit neatly together preventing brick from turning over.

As always give ASI a call for unloading needs.

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