

Individual Location (5 or less location)

Double Wrap Cage Support System

Description

The double wrap support system is an easy to use safety tool that is used to support cages that are needed to be double wrapped for job specification. The forward weight of a double wrapped cage causes the cage to want to fall forward, off the machine toward the cage manufacturers. The support system keeps the cage on the machine, preventing the cage from rolling forward, while also giving cage manufacturers full access to build the cage. The support system consists of two 6" posts mounted to the ground, and two 4" rods used to support the double wrap cage. The support rods are slid into position when needed. When the double wrap cage is ready to be off-loaded, cage manufacturers pull a forklift up to the cage, slide the support rods out of the way, and off-load the cage.

Project Initiation

During a plant safety audit it was noted that employees building double wrap mesh cages were standing right next to a forklift with the forks lifted 4' off the ground. The employees were asked to help us figure out a way to safely build the cages. A week later the employee were found standing inside the cage that was still on the machine so that they could weld and tie the double wrap together. An implement that is used for double wrap production in a different plant was shared with the GR team. The position of the wire machines in the Grand Rapids facility would make it difficult to use the same type of system used at another plant. The GR team put their heads together and came up with a safe easy to use option.

Project Benefits

The double wrap support system takes away a big risk associated with double wrap cage production. How do you keep it supported? Employees can now easily and safely produce double wrap cages. The support system allows for easy access to the entire cage.

