

Company Wide (5+ locations)

Bottom Trowel

Description

The task of pouring bottoms in cured manhole structures is a problem industry wide. Often several manhole structures need bottoms poured at one time creating more potential for risk. Throughout the years there has been several different types of ideas to make the task of finishing bottoms easier for the workers performing the task. Things such as platforms both stationary and removable are awesome but create an extra step and can be quite cumbersome. The NCP team started with a simple idea, they used to broom handles and fastened a trowel to them. After several altercations they came up with a tool that worked and made it out of more durable material. The long handle trowel can be used for any diameter and length manhole structure.

The handle of the trowel can extend to reach those 8 foot manholes! The team made two different length trowel handles for ease of use. When the towel needs to be replaced, simply unscrew it and screw on a new one. The trowel can also be set at whatever angle is desired with a quick adjustment.

Project Initiation

The previous method of troweling bottoms placed employees in a position that caused muscle strain and bad ergonomics. The employees responsible for finishing bottoms were thinking of ways to stop the need to climb in and out of every manhole and to make the task easier. We have had employees lose their grip on the step and fall into the wet concrete.

Project Benefits

Employees no longer need to climb in and out of manhole structures that require a bottom, a task that created fall risks and strain risks. The bad posture, ergonomics and extreme strain/sprain risk has also been eliminated from the task of pouring bottoms in manhole structures.

