

## Manhole Covers

Employees may be exposed to potential injury from removing manhole covers, drainage grates, and other utility covers as part of their typical job tasks. Typically, employees use a manhole hook to loosen, lift, and pull the manhole lid from the hole. This can create significant force on the back, shoulders, and upper extremities. There are numerous types of automated manhole cover lifting devices available that require less force to loosen, lift, and pull the manhole lid. Various set-ups and designs exist; these manhole cover lifters can be mounted on a dolly or truck mounted.

Examples of manhole cover lifters are below.

