

■ **Note:** When specifying/ordering grates, refer to "Choosing the proper inlet grate" on pages 117-118.
 For a complete listing of FREE OPEN AREAS and WEIR PERIMETERS of all NEENAH grates, refer to pages 306-311.

LiftMate Hinge System

Neenah Foundry has advanced municipal castings to a whole new level of function and safety. Our patent-pending LiftMate Hinge System eases operation and access while virtually eliminating many traditional hazards of working with covers for manholes, grates and trenches.

The LiftMate Hinge System provides a controlled motion pivot that helps protect workers from excess strain or off-balance maneuvering. That helps prevent on-the-job accidents as well as reduces lost-time injuries.



Illustrating R-3210-LLM

Premium Performance

- Strong yet light platen gray iron lids provide excellent sound dampening
- Excellent strength and wear resistance - almost indestructable
- High-quality precision castings in a range of sizes

Ball-and-Socket Hinge

- Unique design provides stability when opening or closing cover
- Handhole allows opening with a simple lever or pickaxe to significantly reduce lifting effort
- "Hold-open" safety arm prevents accidental closure
- Performance tested to more than 13,000 open-and-close cycles
- Cover easily disengages for removal or replacement
- Allows closure without having to lift full weight of cover
- Helps prevent back injuries and lost time

Functional Flexibility

- Optional watertight application
- Security bolting options available
- Custom logo lids available
- Compatible with most internal sealing boots



LiftMate Frame, Solid Gasketed Lid

	Clear Opening	Frame Height
R-1550-LM	21" dia.	9"
R-1642-LM	24 1/8" dia.	7"
R-1650-LM	24 1/8" dia.	4"
R-1743-LM	30" dia.	6"
R-1753-ALM	27 1/8" dia.	7"
R-1755-F2LM	25" dia.	7"

LiftMate Inlet Frame, Grate

	Clear Opening	Frame Height
R-3210-ALM	22" x 22"	6"
R-3210-LLM	22" x 22"	6"
R-3222-1ALM	22" x 19 1/2"	7"

LiftMate Trench Frames, Airport Grates

	Clear Opening	Frame Height
R-4994-HALM	22" trench	6"

Refer to the specific catalog pages for complete details on the above items.

Neenah Foundry is continually adding additional LiftMate offerings, please contact us for your needs.



Illustrating R-1753-ALM



Illustrating R-1755-F2LM