

HOW TO MAKE YOUR LIFTING MAGNET LIFT MORE & LAST LONGER

Keep power off until magnet settles on pile...

If you don't, small pieces will jump up to magnet, and block off the rest so that you can't get a full load.



After you turn power on, let magnet set for a few seconds...

This lets magnetism build up to peak and gives you a maximum load on every trip. Here - "Haste makes waste."

Work on deep piles, you get a bigger load...

The magnetism has a chance to take a full deep "bite" out of the pile.



Don't use magnet as a skull-cracker...

Many magnets don't wear out. They are broken - by careless handling. Don't drop a magnet to break up heavy pieces of scrap. *Use only for lifting.*



Set your magnet down easy...

A magnet costs money. Repairs to magnets cost thousands of dollars and use up precious time, repair parts and manpower.

EASE your magnet down on to the pile.



Don't use the magnet as a battering ram...

You may break a pole shoe, a terminal box, damage the windings or rupture the insulation inside the magnet. *Use the magnet only for lifting.*



Keep bolts tight...

And replace broken bolts. Helps to keep moisture out, protects pole shoe against mechanical shock and helps to keep lifting power at maximum.



Keep power off on the return trip...

The "juice" heats the magnet and a hot magnet will not carry as much as a cool magnet. So discharge the load fast, keep the current "off" during the return trip, keep the magnet cool.



Make one big pile out of several little piles...

When only little piles are left, use the magnet to gather them together in one BIG pile. One big load trip is 3 times as fast as three small load trips.



Keep magnet dry...

Do not cool magnet with water; also protect in storage. The average magnet left on the ground absorbs moisture which causes short circuits and cripples its lifting power. Always store magnets where it is dry...on a low platform or on blocks.



When handling hot materials...

Watch magnet temperature carefully and switch to spare magnet to avoid overheating.



Keep terminal box closed

Keeps moisture away from terminals and protects them against breakage. If cover is lost, get a new one.