



The Magic Bucket

The Magic Bucket* was developed by Eitan Leibovitch to solve an unmet need in the construction industry: better control over release of concrete from concrete buckets.

Leibovitch has designed and patented an ingenious shutter mechanism that is integrated into the bottom of the concrete bucket. The mechanism is manually opened and closed by an operator overseeing the concrete pour. A hose attached at the bucket's lower opening allows for precise direction of concrete flow.

The Magic Bucket's unique combination of four major features has produced an extremely safe, convenient, and effective device for accurate concrete pouring—

- Proprietary shutter
- Improved bucket funnel opening
- Attached flexible hose
- Easy to operate flow handle

The Magic Bucket offers several advantages over existing solutions.

- **Pouring ease** — The Magic Bucket's flexible hose enables a wide range of mobility without repositioning the bucket.
- **Time saving** — Less repositioning of bucket means a substantial saving in the time required to complete the pour.
- **High-quality results** — Because concrete is poured exactly where it is needed over the whole breadth of the form, there is less raking of concrete, greatly reducing the risk of segregation and the need to re-pour that it may cause.
- **Manpower savings** — A more direct pour means less manual labor to evenly distribute concrete.
- **Eliminates waste** — By precisely directing the pour, there is considerably less wasted concrete.
- **Alternative to concrete pumps** — For many hard-to-reach jobs, the Magic Bucket is an efficient, cost-saving alternative to expensive boom pumps.

* Magic Bucket is a temporary name.

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■ MANAGEMENT

Eitan Leibovitch, President
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■ BACKGROUND

Over the years, Eitan Leibovitch, identified several instances when building practices were less than optimal due to less than optimal construction equipment. Looking to improve construction quality, while at the same time save on labor expenses, Leibovitch successfully designed improved construction equipment for the Israeli market.

As president of Daniel Cranes Ltd., Leibovitch has over 35 years of experience supplying cranes and crane accessories to the construction industry in Israel.

■ INTELLECTUAL PROPERTY

A U.S. patent was granted for a controlled release suspended concrete bucket (the Magic Bucket); another is pending for a hoisting arm (the Magic Arm).