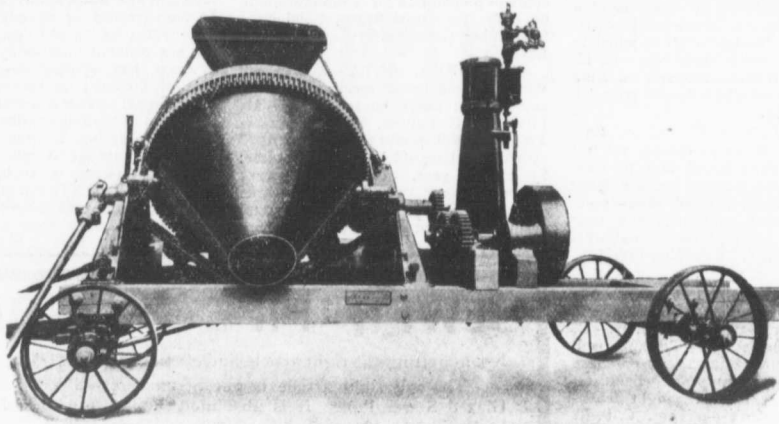


SMITH MIXERS



SMITH CONCRETE MIXER ON TRUCK WITH ENGINE; SPACE LEFT FOR MOUNTING BOILER.

⌘ ⌘ FIFTEEN POINTS OF SUPERIORITY ⌘ ⌘

1. The drum consists of two steel cones attached to a central ring and is stronger and more durable for its weight than any other form of mixing drum.
2. All the guiding and driving surfaces are on a single ring casting, the greatest possible distance from the points of both feeding and discharge.
3. This central ring cannot get out of alignment, it cannot bind in its bearings, and only a railroad accident can break it.
4. The SMITH DRUM emphatically has insides. The only Drums which had no insides have since been obliged to supply them.
5. The SMITH DRUM uses interior blades, spirally arranged in sets to produce alternating cross movement of the materials in the drum.
6. Spirally arranged blades or deflectors are the most efficient mixing device known, notwithstanding the misrepresentations of competitors.
7. Spirally arranged blades in a conical drum eliminate shell friction; the material running down the spiral blade, runs away from the shell.
8. The cross motion in the SMITH DRUM is the strongest known in mixing machines. WE HAVE THE PROOF.
9. The proof is that if the drum is revolved backwards, the contained materials will all be thrown out.
10. The drum of the SMITH MIXER is supported by a frame hung on trunnions. It is independent of the wagon frame.
11. Twist the wagon frame as much as you will, you cannot bind the drum.
12. The SMITH MIXER tilts to discharge with astonishing ease, because we do not lift the load when we tilt, but swing it around its own centre of gravity.
13. The roller tracks and rollers of the SMITH MIXER are all machined.
14. The main bearings of the SMITH MIXER are bushed with good journal bronze.
15. The time required to thoroughly mix a batch in the SMITH MIXER is less than any other machine known. The time required to completely discharge a batch is also less than in any other machine known.

WRITE FOR CATALOGUE.

MUSSENS LIMITED

Railway, Mining, Municipal and Contractors' Supplies.

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