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Pneumatic Rammers

They work with compressed air and produce high frequency impacts, which help the soil, sand or brick blanks to be rammed or positioned properly and quickly.

This tool is mainly used for ramming sand in foundries. It can also be used for ramming brick blanks or overhauling furnace linings etc.

They can also be used for Rammed Earth buildings, and has been used overseas in several countries for a very long time. In this method, layers of soil are compacted inside a wooden frame with the rammer. The layers are normally 15 cm deep. Walls are normally 45 cm thick with clay, sand and aggregate used as the main building material. Cement can also be added to stabilise the mix or to make a wider range of soils suitable for this method of construction.

As the formwork is filled, additional forms are erected above it and the process begins again. The compressed earth wall is self-supporting immediately, and the lower forms can be removed as soon as the form above has begun. This is continued until the desired wall height is achieved.



D9



D4

Specifications	D4	D9
Air Pressure	0.49 Mpa 70 PSI	0.49 Mpa 70 PSI
Frequency	> 13.3 Hz > 766 Blows P/M	> 10.0 Hz > 576 Blows P/M
Air Consumption	< 5.8 L/s 12 CFM	< 10.8 L/s 23 CFM
Air Hose Size	13 mm 1/2"	13 mm 1/2"
Overall Length	525 mm 20.7"	1130 mm 44.5"
Piston Diameter	22 mm	32 mm
Net weight	3.6 Kg 7.9 Lbs	9.0 Kg 19.8 Lbs

Notes

- Air pressure should not be less than 0.4 Mpa (60 PSI)
- Keep tool free of sand & dirt
- Every three hours squirt some oil into the tool.
- Hearing & Eye protection to be worn

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