

MRL or Machine Room: Which Rides Better?

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Before investing in a luxury lift for home, must go through the honest comparison between MRL and Machine Room elevator installation.

Machine Room Elevator (Traditional Traction):

- Requires a dedicated machine room above or beside the shaft-mostly 4x6 ft.
- Ride quality is excellent when well-maintained- very smooth at mid to high speeds.
- Better for buildings with 5+ floors; for 2–4 storey homes, the machine room requirement often wastes valuable space.

MRL (Machine Room Less) Elevator:

- Motor mounted inside the shaft- no separate room needed. Ideal for Delhi villas and townhouses.
- With a VVVF drive, ride quality is equivalent to or better than traditional traction for low-rise residential use.
- Significantly quieter- the motor is smaller and enclosed within the shaft structure.
- More energy-efficient- 30–40% lower power consumption than comparable machine room models.

For residential elevators in Delhi homes (2–4 floors), MRL Elevators for Home with VVVF drive is the clear winner on ride quality, space efficiency, and running costs. This is the technology Attico Elevators uses across their home elevator product range, and the ride quality feedback from Delhi NCR clients consistently rates it as the smoothest in its class.

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