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# Hydraulics & Lifting Aids

Trust | Quality | Hydraulic Solutions

## HLA HYDRAULIC LIFTS - FEATURES

### DESIGN FEATURES

1. Reduced shaft size due to counterweight free design.
2. Minimum pit requirement of only 150mm and overhead of 2900mm from top floor level.
3. Extremely flexible design configurations makes installation possible in any site condition.
4. Compact hydraulic unit can be placed in any convenient location near or away from the lift, eliminating need for machine room.
5. Multiple openings on cabin can be provided.
6. Fast installation with minimal impact on construction.
7. Lift capacity up-to 1000 kgs can be provided in home series.
8. Exciting selection of cabin interiors and landing doors.
9. Perfect solution for retro-fitting in buildings where civil work is not feasible.

### POWER FEATURES

10. Motorised power required only for up movement, drastically reducing electricity consumption.
11. Single phase operation available on request.
12. Highly efficient and reliable hydraulic system.
13. Precise and smooth floor levelling achieved by using advanced valves.
14. Complete battery operated lift available on request.

### MAINTENANCE FEATURES

15. Lift uses a simple working mechanism and is equipped with an automatic lubricator reducing the need for maintenance.
16. Hydraulic cylinder precision-manufactured to give minimum of 10 years of zero maintenance service.
17. Replacement parts easily available and at the fraction of the cost of traction lifts.
18. Proven hydraulics can function in the harshest of working conditions.

### SAFETY FEATURES

19. Steel Ropes with a minimum breaking load of 40 Tons.
20. Safety mechanism to prevent uncontrolled upwards or downwards movement of lift.
21. Load sensors prevent movement of lift in event of overload.
22. Self-rescue and battery powered emergency lowering system.
23. Manual emergency lowering valve easily accessible at ground floor.
24. Electrical locks make it impossible for the lift to travel when the landing door is not closed.
25. Mechanical locks make it impossible for the landing door to open when the lift is not at floor level.
26. Descends to the nearest floor and unlocks the door in event of a power failure.

**The core feature of this product is that it can be manufactured as per the customer's space availability with little or no modification to existing structure.**