

**Product Code:**

MDL/900/G

Product Range:Medium Duty Lengths, Ladder
Rack, Medium Duty**Issue Date:**

3/12/2025

Description:900mm Medium Duty 100mm Deep Ladder HDG - 3 Metre
Length**Features:**

- Durable hot dip galvanised finish for long-term corrosion resistance.
- Designed to support high cable loads over long spans.
- Suitable for heavy-duty industrial and commercial applications.
- Wide range of accessories including bends, tees, risers and reducers.
- Compatible with industry-standard fixings and couplers.
- Rung spacing: 300mm between centres.
- Even when ladders are cut to length, the slots in the coupler will always align with the slots in the ladder side rails.
- When connecting fittings to straight lengths, use fastener sets.
- Manufactured to meet UK and international standards.
- Covers for cable ladder available upon request.
- 6 metre lengths available upon request.

**Technical:****Product Type** Ladder Tray**Width** 900mm**Height** 100mm**Length** 3000mm**Weight** 22.20 Kgs**Dimensions** 300mm Rung Pitch**Gauge** 1.5mm**Material** Post Hot-Dipped Galvanised (HDG)**Colour/Finish** Self Colour**Standards** BS EN ISO 1461:2009**Important:**

HDG ladders are suitable for internal and external use, including light industrial and coastal environments. Ensure cut edges or drilled holes are treated with a suitable zinc-rich paint or similar to maintain corrosion protection.

Extra Information

3 m and 4 m spans using 3 m lengths. Safe working load should include all cable loads and any other additional loads (e.g. wind, snow).

The approximate weights given are for pre-galvanised finish only, in kilograms (nominal) and subject to material thickness tolerance.

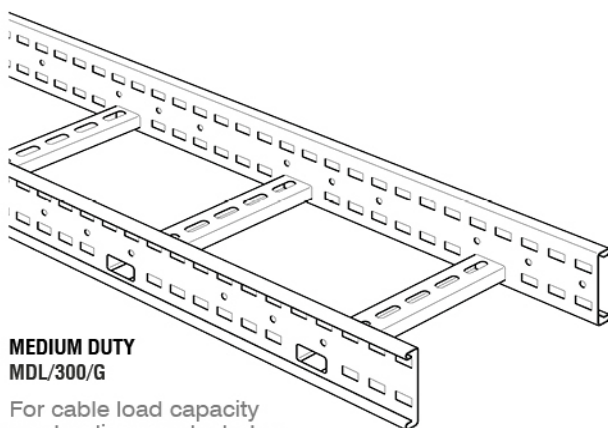
Dimensions: (mm)**W** 940mm

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MEDIUM DUTY DIMENSIONS AND WEIGHTS



MEDIUM DUTY MDL/300/G

For cable load capacity
see loading graphs below

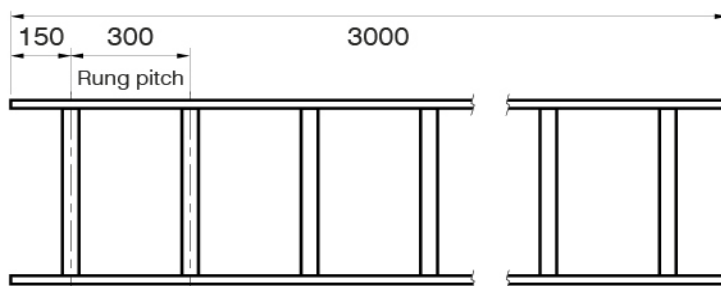
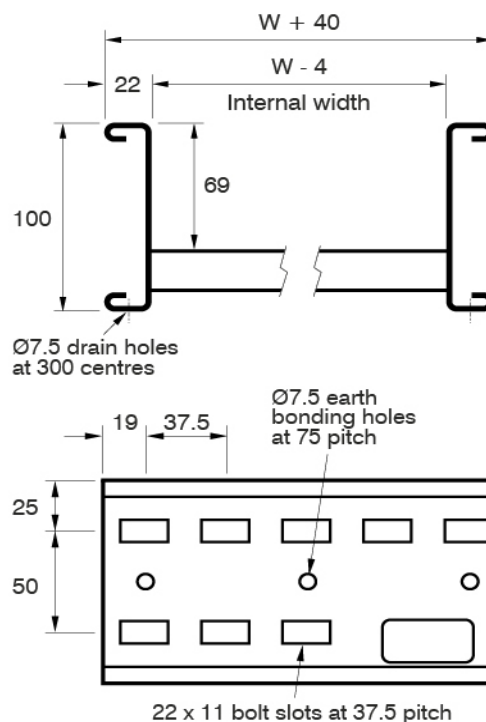
GAUGE

Standard side rail = 1.5mm

WEIGHTS

WIDTH (W)	CAT NO.	WEIGHT (kg)
150	MDL/150/G	12-1
300	MDL/300/G	13-4
450	MDL/450/G	14-6
600	MDL/600/G	16-9
750	MDL/750/G	20-3
900	MDL/900/G	22-2

All weights given are for a 3m straight
length in hot dip galvanised finish.

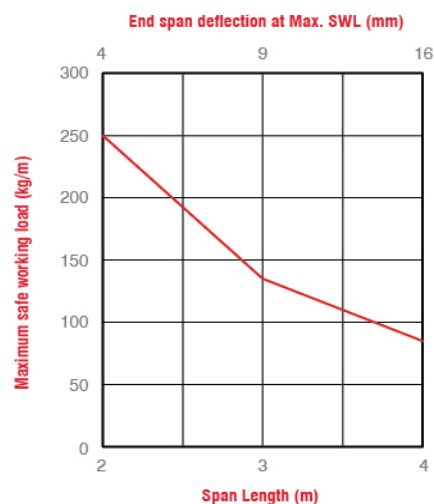


LOADING GRAPHS

- Load tests carried out to BS EN 61537 test type 1 (safety factor 1.7+ and joint in middle of span) or test type 4 (safety factor 1.7+ and joint in middle of span with rung slot over support).
- Load tests carried out over 2 m, 3 m and 4 m spans using 3 m lengths.
- Safe working load (kg/m) should include all cable loads and any other additional loads (e.g. wind, snow).
- When installed, inner span deflection will vary depending on joint positions but will typically be about half of test end span deflection shown below.



**SHEARED STEEL DOES HAVE RELATIVELY SHARP EDGES AND
PROTECTIVE GLOVES MUST BE WORN DURING HANDLING**



Graph showing safe working load vs
span with deflections shown at SWL