

SAFETY, EFFICIENCY & RELIABILITY SUPERDECK RETRACTABLE LOADING SYSTEM



SUPERDECK® 2.6



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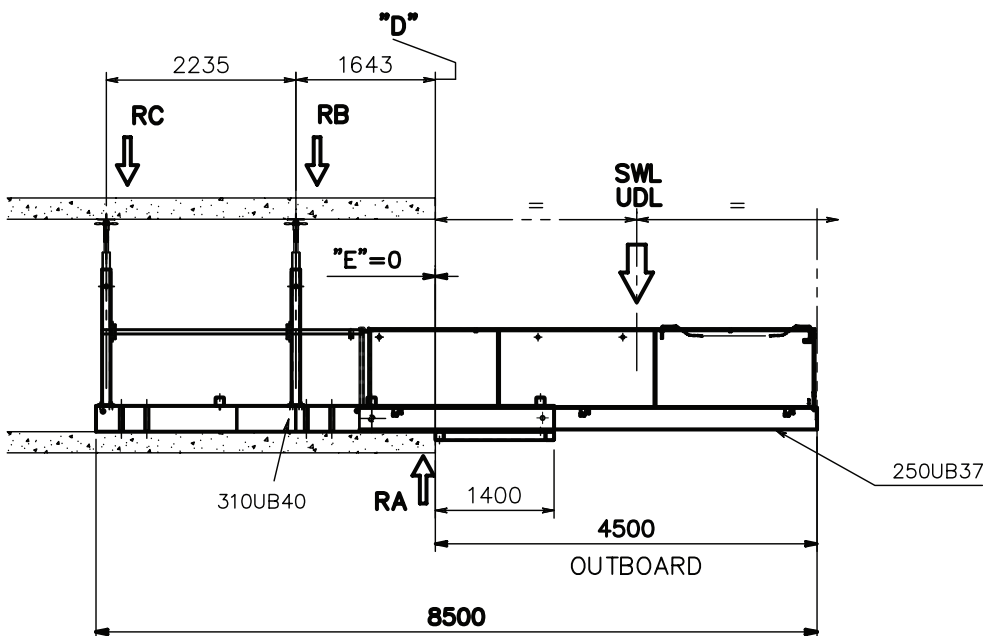
PROP REACTIONS

LOAD/REACTION	4500mm Outboard	4750mm Outboard	5000mm Outboard	5250mm Outboard
SWL-UDL (kg)	5000	4000	3200	2500
RA* (t)	10.6	10.9	11.7	13.2
RB* (t)	7.0	7.7	8.9	10.4
RC* (t)	-0.4	-0.3	-0.1	-0.1
Deflections at outer wheel (mm)	△5	△6	△7	△9
Deflections at free end (mm)	△29	△29	△30	△31

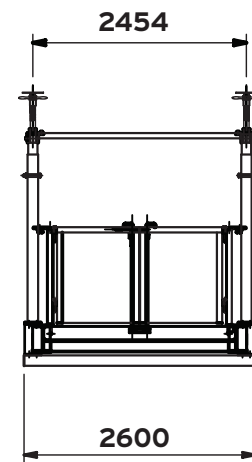
OUTBOARD	4500mm Outboard	4750mm Outboard	5000mm Outboard	5250mm Outboard
E = (Distance from slab edge to back end of H frame) (mm)	0	250	500	750
D = (Distance from centre line of inner prop to slab edge) (mm)	1643	1393	1143	893

DIMENSIONS	Length	Width	Height
	8400mm	2600mm	1200

TARE	Weight
	2800kg



SIDE ELEVATION



FRONT ELEVATION

*Reactions on each side of the platform.
Assumed load always centre both ways on the outboard of the platform. All loads are static loads i.e. no load factors applied. Horizontal forces not taken into account. Reactions provided based on rigid supports i.e. effects on deflections of supporting slabs not factored into design.

PROP REACTIONS

LOAD/REACTION

	4500mm Outboard	4750mm Outboard	5000mm Outboard	5250mm Outboard
SWL-UDL (kg)	5000	4000	3200	2500
RA* (t)	6.3	5.9	5.5	5.3
RB* (t)	N/A	N/A	N/A	N/A
RC* (t)	2.3	2.4	2.4	1.1
Deflections at outer wheel (mm)	10	11	13	14
Deflections at free end (mm)	44	44	45	45

OUTBOARD

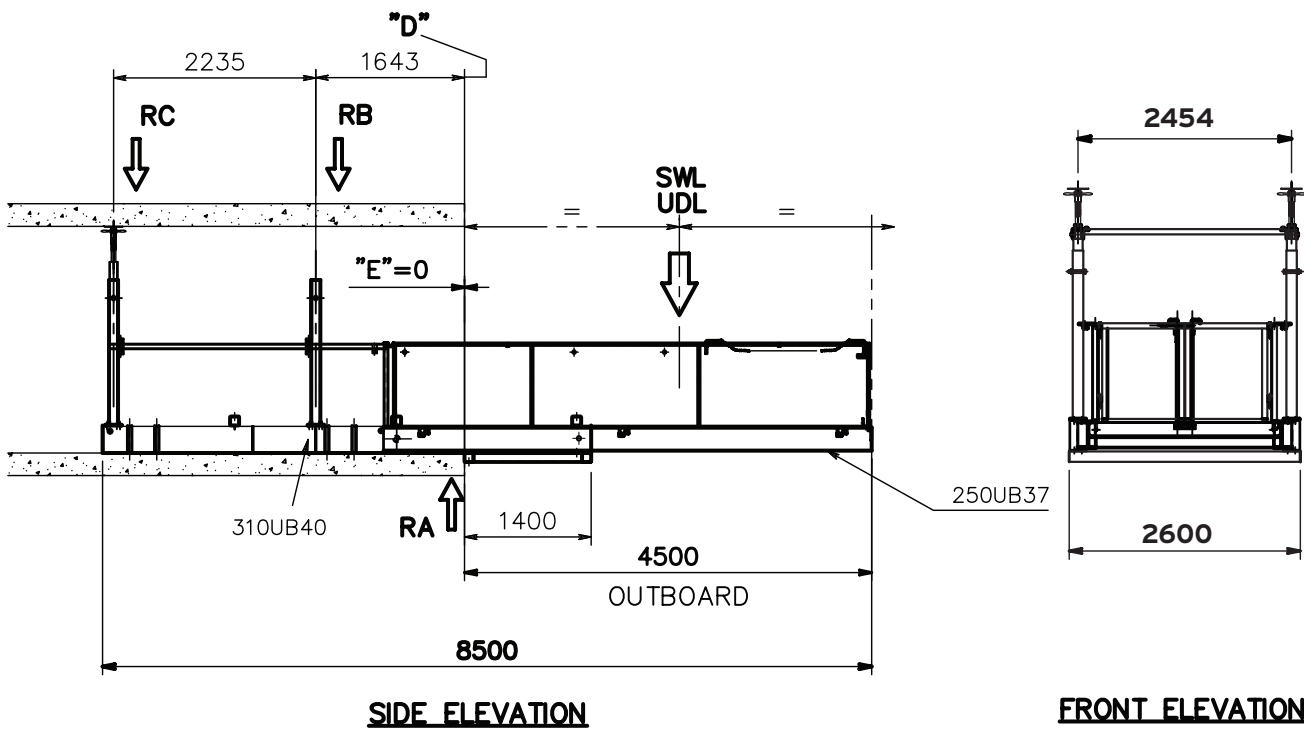
	4500mm Outboard	4750mm Outboard	5000mm Outboard	5250mm Outboard
E = (Distance from slab edge to back end of H frame) (mm)	0	250	500	750
D = (Distance from centre line of inner prop to slab edge) (mm)	1643	1393	1143	893

DIMENSIONS

Length 8400mm **Width** 2600mm **Height** 1200

TARE

Weight 2800kg



*Reactions on each side of the platform.
Assumed load always centre both ways on the outboard of the platform. All loads are static loads i.e. no load factors applied. Horizontal forces not taken into account. Reactions provided based on rigid supports i.e. effects on deflections of supporting slabs not factored into design.

BOLTDOWN REACTIONS

LOAD/REACTION

	4500mm Outboard	4750mm Outboard	5000mm Outboard	5250mm Outboard
SWL-UDL (kg)	5000	4000	3200	2500
RA* (t)	10.8	11.3	12.1	13.6
RB* (t)	7.3	8.3	9.2	10.7
RC* (t)	-0.5	-0.4	-0.1	0.2
Deflections at outer wheel (mm)	△9	△10	△11	△13
Deflections at free end (mm)	△41	△41	△41	△42

OUTBOARD

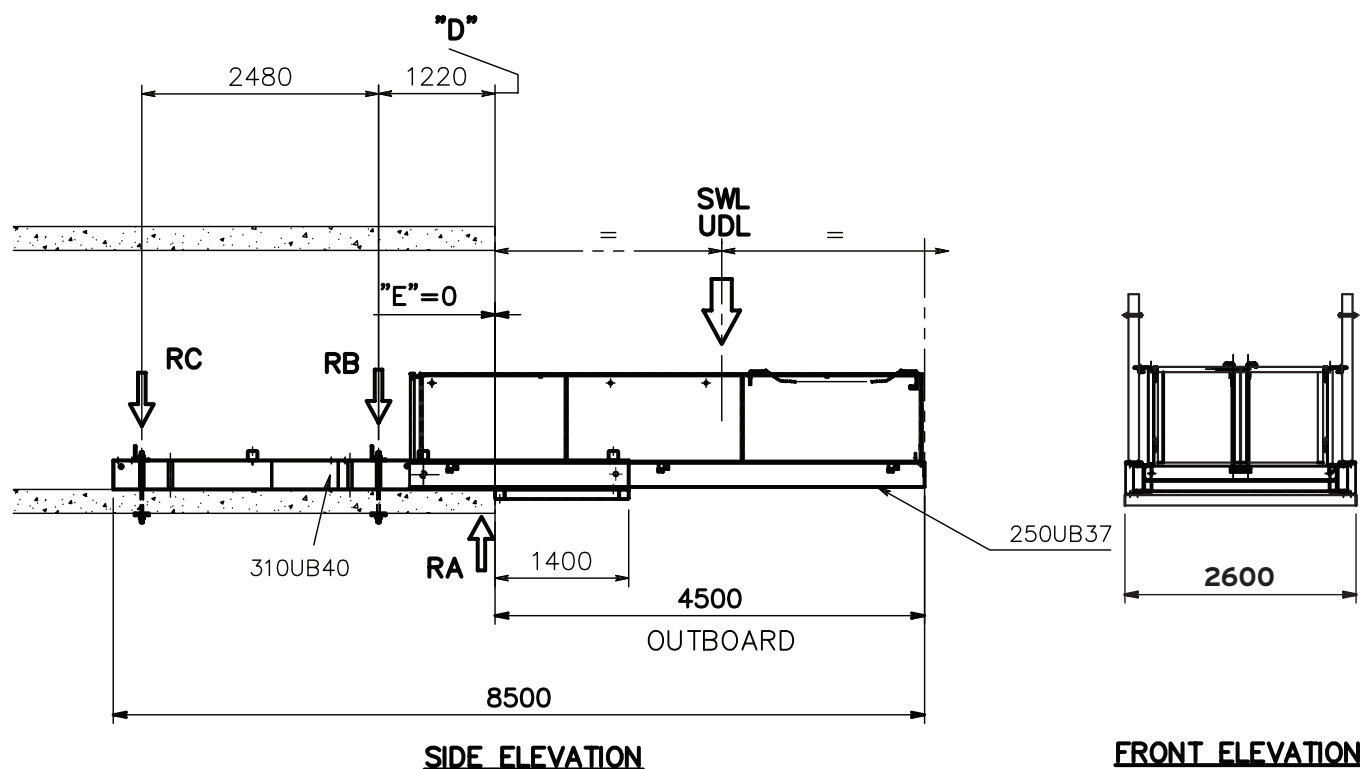
	4500mm Outboard	4750mm Outboard	5000mm Outboard	5250mm Outboard
E = (Distance from slab edge to back end of H frame) (mm)	0	250	500	750
D = (Distance from centre line of inner prop to slab edge) (mm)	1200	970	720	470

DIMENSIONS

Length 8400mm Width 2600mm Height 1200

TARE

Weight 2800kg



*Reactions on each side of the platform.
Assumed load always centre both ways on the outboard of the platform. All loads are static loads i.e. no load factors applied. Horizontal forces not taken into account. Reactions provided based on rigid supports i.e. effects on deflections of supporting slabs not factored into design.