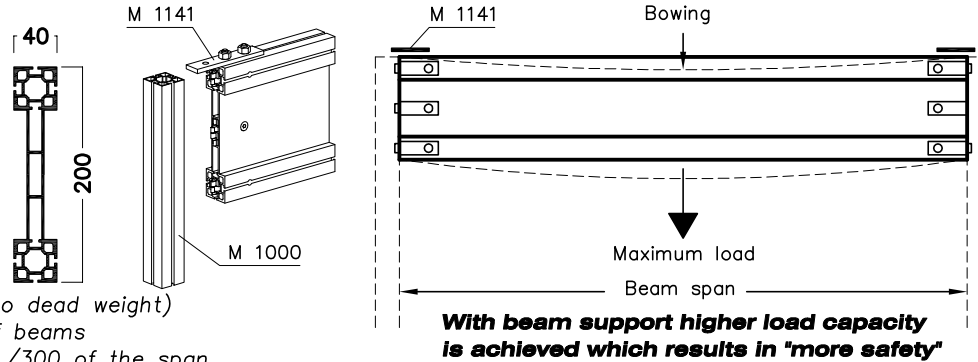


Variant A

The data stated below are subject to a construction preventing a twist of the beams. For twist buckling or twist torsional buckling, evidence must be provided separately.



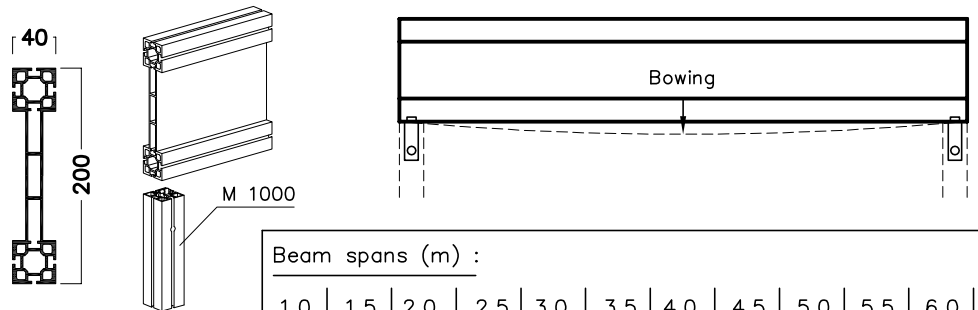
maximum possible loads (in addition to dead weight) and the resulting calculated bowing of beams with maximum permissible bowing of 1/300 of the span.

xxx (values which are underlined)=the maximum admissible bearing load is decisive

		Beam spans (m) :												
		1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Each side	Single load in beam center (kg):	536	534	532	529	527	524	442	346	277	225	186	155	130
3x tension locks	uniformly distributed load (kg/m):	<u>536</u>	<u>356</u>	<u>266</u>	<u>212</u>	<u>175</u>	<u>150</u>	<u>130</u>	<u>115</u>	<u>103</u>	82	62	47	37
1x beam support	bowing (cm):	0.03	0.08	0.20	0.39	0.66	1.05	1.33	1.49	1.66	1.83	1.99	216	2.33

Variant B

The bearing of the beam - M 770 extrusion - presents the upright. The bearing pressure does not consider the buckling of the upright.



		Beam spans (m) :												
		1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Supporting upright	Single load in beam center (kg):	3063	2040	1528	1151	796	582	442	346	277	225	186	155	130
	uniformly distributed load (kg/m):	6130	2720	1528	921	531	332	221	154	110	82	62	47	37
	bowing (cm):	0.14	0.32	0.56	0.83	0.99	1.16	1.33	1.49	1.66	1.83	1.99	216	2.33