

Two support beams at the same height = one bearing level.

The maximum value for h_1, h_2, h_3 etc. is h_{max} , which is the design basis bearing level separation.

The design basis is the lower value for the section loading or beam loading multiplied by the number of bearing levels.



WELAND Belastungsdaten Weland palletstall Serie + FM

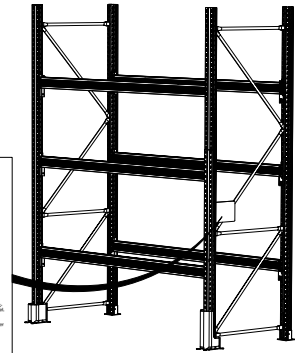
Sektionsbelastning (kg)

Stützstrahlhöhe	H80	H100	H120	H140	H160
750	9400	9400	11300	11300	11300
1000	8700	8700	10800	10800	11000
1250	7400	7400	10600	10600	10600
1500	6200	6200	9000	9000	10600
1750	5800	5800	8300	8300	9800
2000	4900	4900	7100	7100	7800
2250	4500	4500	6500	6500	7000
2500	4300	4300	5600	5600	6400

Bürkabelastning (kg)

Stützstrahlhöhe	H80	H100	H120	H140	H160
750	10100	10100	13300	13300	13600
1000	9300	9300	12800	12800	13600
1250	8200	8200	12500	12500	13300
1500	6900	6900	10900	10900	12800
1750	6300	6300	9900	9900	12800
2000	5400	5400	8500	8500	10100
2250	5000	5000	7800	7800	9000
2500	4700	4700	6600	6600	8200

FM = FM (Front Mount) and FH = FH (Front Heavy Duty) are available. The design basis is the lower value for the section loading or beam loading multiplied by the number of bearing levels. The design basis is the lower value for the section loading or beam loading multiplied by the number of bearing levels. www.weland.se

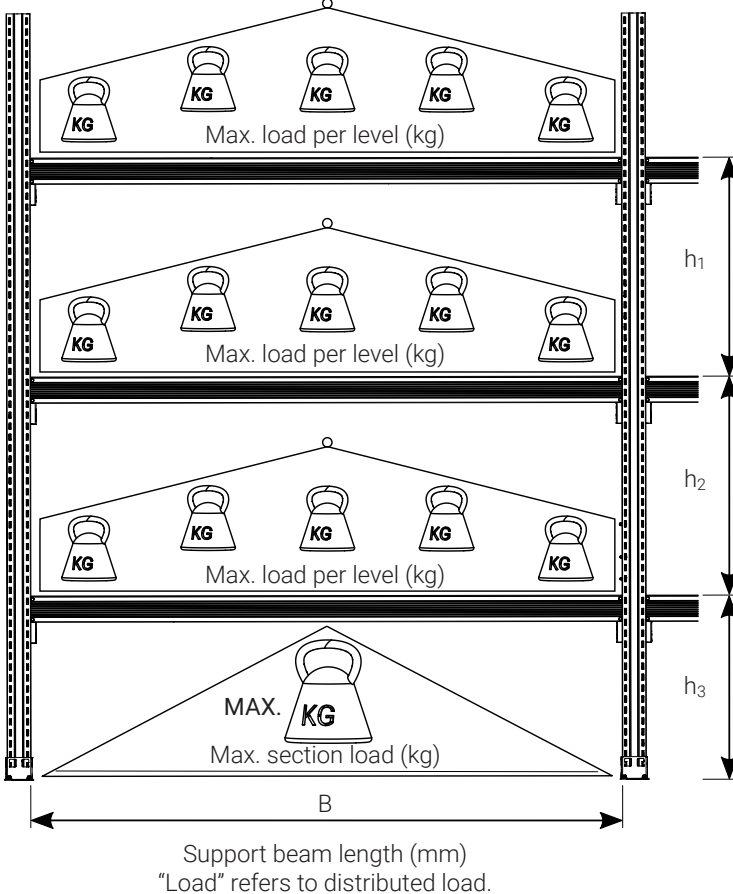
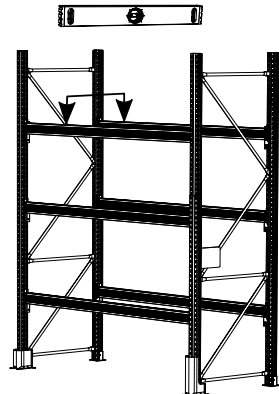


Support beam load (kg)

B (mm)	H80 (kg)	H100 (kg)	H120 (kg)	H140 (kg)	H160 (kg)
950	3600	4800	6100	7400	8400
1300	2800	3700	4700	5700	6400
1800	2200	2800	3600	4200	4700
2200	1700	2400	3000	3500	3900
2600	1300	2100	2800	3100	3300
2700	1200	2000	2600	3000	3300
3100	900	1500	2000	2600	2900
3600	700	1200	1500	2100	2600

Support beam type

H80	80 mm
H100	100 mm
H120	120 mm
H140	140 mm
H160	160 mm



Load per section

Post FM (kg)

h_{max} (mm)	H80	H100	H120	H140	H160
750	9400	9400	11300	11300	11300
1000	8700	8700	10800	10800	11000
1250	7400	7400	10600	10600	10600
1500	6200	6200	9000	9000	10600
1750	5800	5800	8300	8300	9800
2000	4900	4900	7100	7100	7800
2250	4500	4500	6500	6500	7000
2500	4300	4300	5600	5600	6400

NB At least 2 bearing levels and support beam length ≤ 2700 mm are required.

Post FH (kg)

h_{max} (mm)	H80	H100	H120	H140	H160
750	10100	10100	13300	13300	13600
1000	9300	9300	12800	12800	13600
1250	8200	8200	12500	12500	13300
1500	6900	6900	10900	10900	12800
1750	6300	6300	9900	9900	12800
2000	5400	5400	8500	8500	10100
2250	5000	5000	7800	7800	9000
2500	4700	4700	6600	6600	8200

NB At least 2 bearing levels and support beam length ≤ 2700 mm are required.