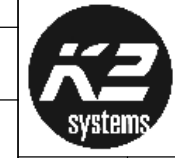


k = cantilever  
e = span width

the dimensions can be found in the static report for your project

Pos.No.	Designation
2	TiltUp Vento Beam 2360
3	TiltUp Vento Foot
4	SingleRail 36/50
5	Climber 36/50
6	OneEnd Set / Standard Set
7	OneMid Set / Standard XS Set
8	SingleRail 36/50 Connecot Set
9	TiltUp Vento Pin
10	TiltUp Vento Clip
11	MultiMonti 7,5x60
12	Beton
13	Modul

Pos.No.	Designation	Angle $\alpha$	Length (mm)
1	TiltUp Vento Brace	20°	679
		25°	856
		30°	1047

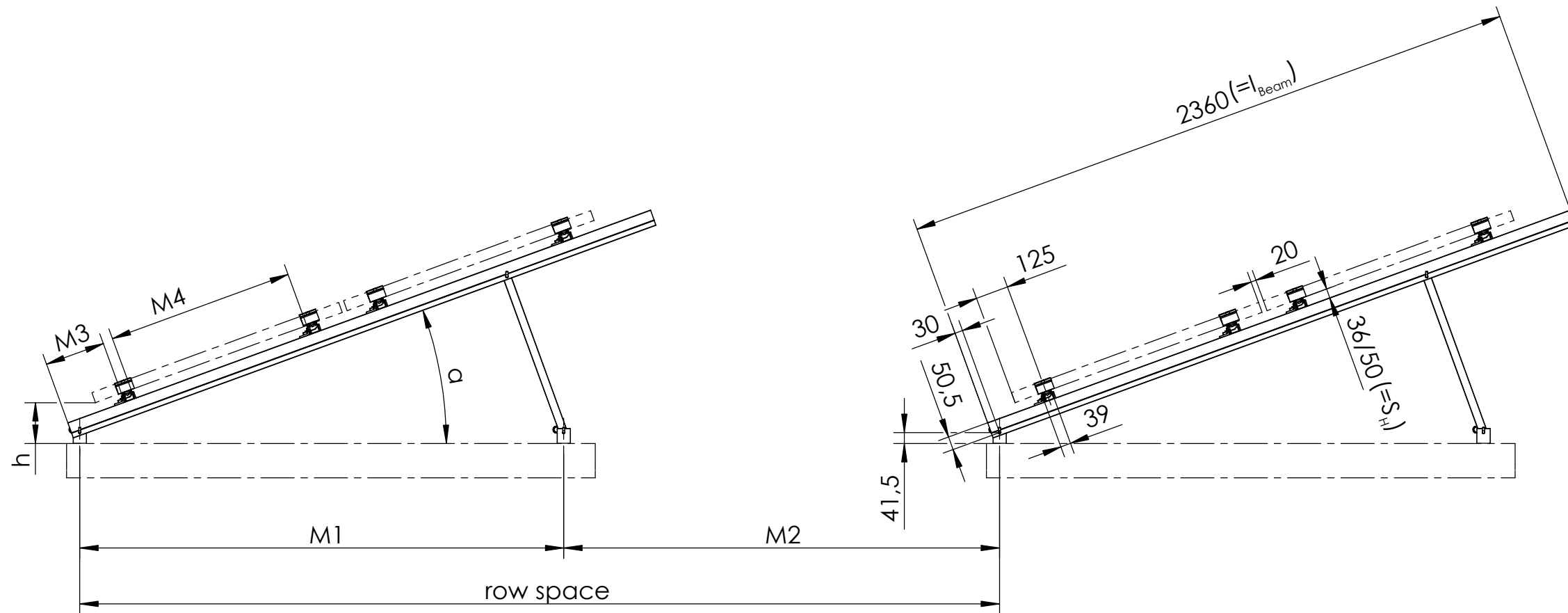


K2 Systems GmbH  
Industriestr. 18  
71272 Renningen  
Germany  
+49 7159 42059-0

Designation:  
**System data sheet**  
**TiltUp Vento double Landscape**

Name	Date	Material:	Item no.:	A3
Designed A. Gerstenberger	05.01.2022	-	---	
Approved J. Sen	13.01.2022	Surface: -	Drawing no.:	All dimensions in mm
Last change		Weight: -	07-284-00	
			Scale: 1:50	Sheet 1 of 1

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$$h_{def} = 41,5 + (0,5 * l_{Beam} - 30) * \sin(\alpha) + (50,5 + 36) * \cos(\alpha) - (M_B + 10) * \sin(\alpha)$$

$$h_{max} = 41,5 + (l_{Beam} - 30 - 0,5 * 39) * \sin(\alpha) + (50,5 + 36) * \cos(\alpha) - (2 * M_B + 20 - 125) * \sin(\alpha)$$

Angle $\alpha$	20°	25°	30°
$h_{min} (M3 \geq 0)$	77	63	49
<b>M1</b>	1841	1909	1998
<b>M2</b>	row space - M1		
<b>M3</b>	$\frac{h_{neu} + 125 * \sin(\alpha) - (S_H + 50,5) * \cos(\alpha) - 41,5}{\sin(\alpha)} + 30 - 39/2$		
<b>M4</b>	$M_B - 2 * 125 - 2 * \frac{39}{2}$		
<b>M5</b>	231		
<b>row space min-max</b>	3500-1490	3620-4330	3580-4290



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 Germany  
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Designation:  
**System data sheet**  
**TiltUp Vento double Landscape**  
**AssemblyDimension**

Name	Date	Material:	Item no.:	A3
Designed A. Gerstenberger	05.01.2022	-	---	
Approved J. Sen	17.01.2022	Surface: -	Drawing no.:	All dimensions in mm
Last change		Weight: -	07-284-00	
			Scale: 1:20	Sheet 1 of 1

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