

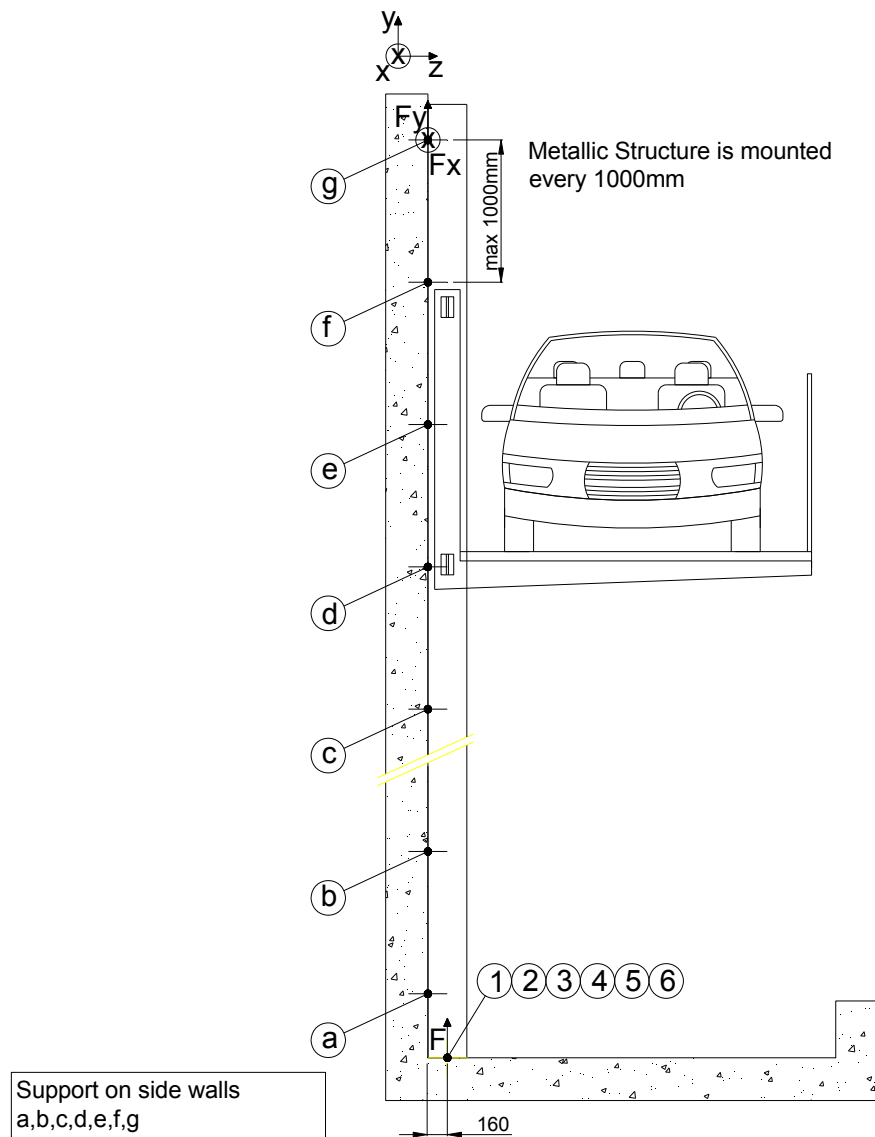
# KTS2/M

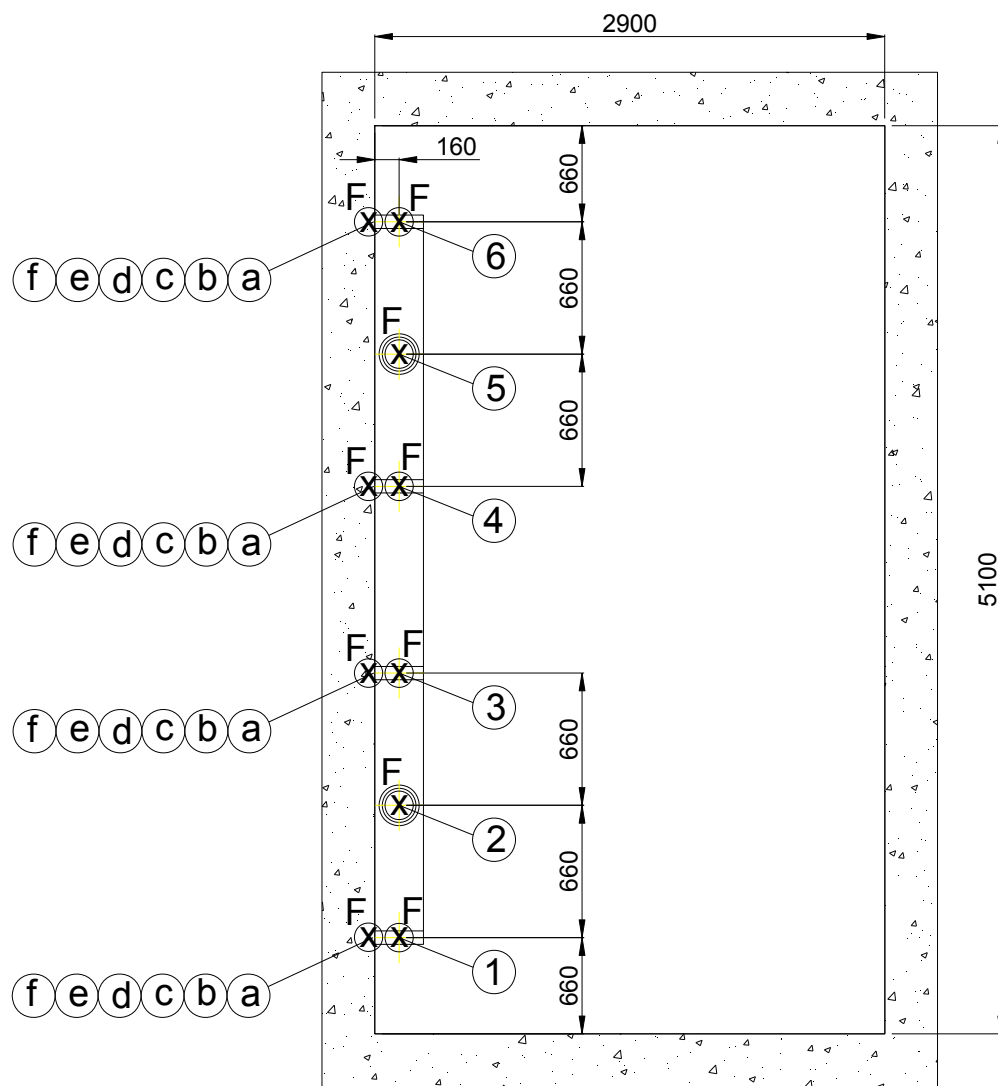
## PLANNING DATA

### Technical specifications:

TYPE	KTS 2100	KTS 2500
Technical specifications		
<i>Max Rated Load [Kg]</i>	2200	2200
<i>Number of Vehicles</i>	1	1
<i>Max Travel [m]</i>	9(12)	9(12)
<i>Max Number of stops</i>	4(4)	4(4)
<i>Max Rated Speed [m/sec]</i>	0,15	0,15
<i>Min Shaft Length [mm]</i>	4840	4840
<i>Min Shaft Width [mm]</i>	2460	2860
<i>Min Pit Depth [mm]</i>	400	400
<i>Min Headroom [mm]</i>	2700	2700
<i>Platform Length [mm]</i>	4900-5500	4900-5500
<i>Platform Width [mm]</i>	2100-2300	2500
<i>Clear door opening [mm]</i>	2100-2300	2500
<i>Clear door Height [mm]</i>	2100-2400	2100-2400
<i>Guide Rails</i>	T125x82x16	T125x82x16
<i>Max Distance between brackets [mm]</i>	1000	1000
<i>Rams</i>	KZA C 100 x 5 (KZA C 100 x 8.5)	KZA C 100 x 5 (KZA C 100 x 8.5)
<i>Cylinders</i>	139,7 x 5,9	139,7 x 5,9
<i>Suspension</i>	2:1	2:1
<i>Chain Type</i>	BL 634 (F = 10150Kp)	BL 634 (F = 10150Kp)
<i>Number of Chains</i>	4	4
<i>Max Pump Capacity [lit/min]</i>	75	75
<i>Rubber Hose (Power Unit – Cylinder)</i>	¾"	¾"
<i>Valve Block</i>	KV1 S ¾"	KV1 S ¾"

Forces on the shaft walls





Forces on the shaft walls

$$F'_x = F_x(a,b,c,d,e,f) = 6710\text{N} \text{ και } F'_y = F_y(a,b,c,d,e,f) = 1476\text{N}$$

Max forces for 12m travel under the pistons and andur the guide rails.

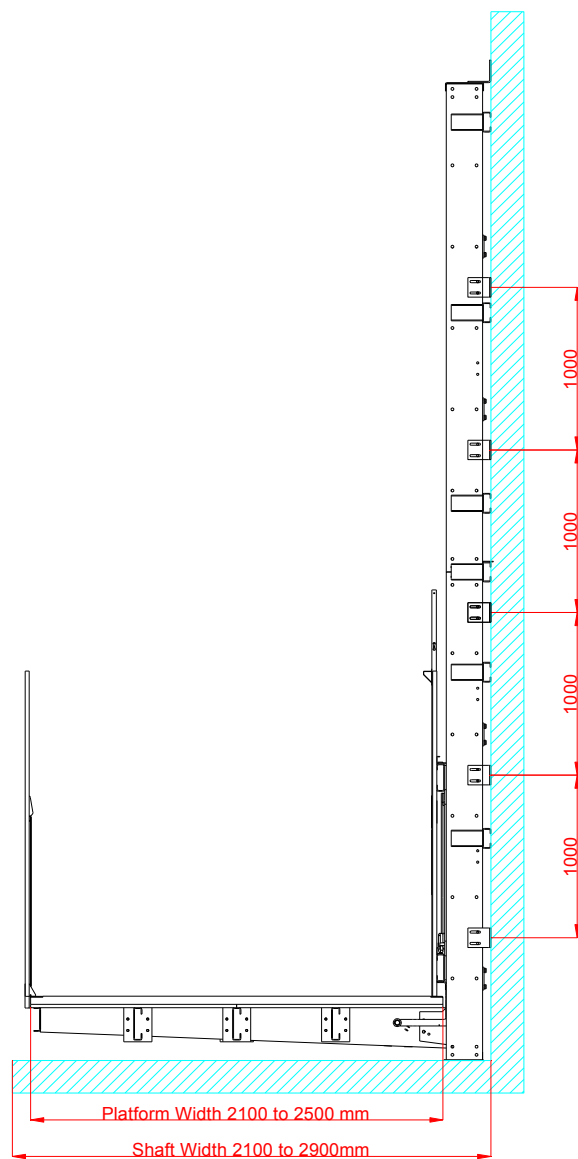
$$F_2 = F_5 = 23294 \text{ N} \text{ και } F_1 = F_3 = F_4 = F_6 = 3983 \text{ N}$$

D 12-01-04

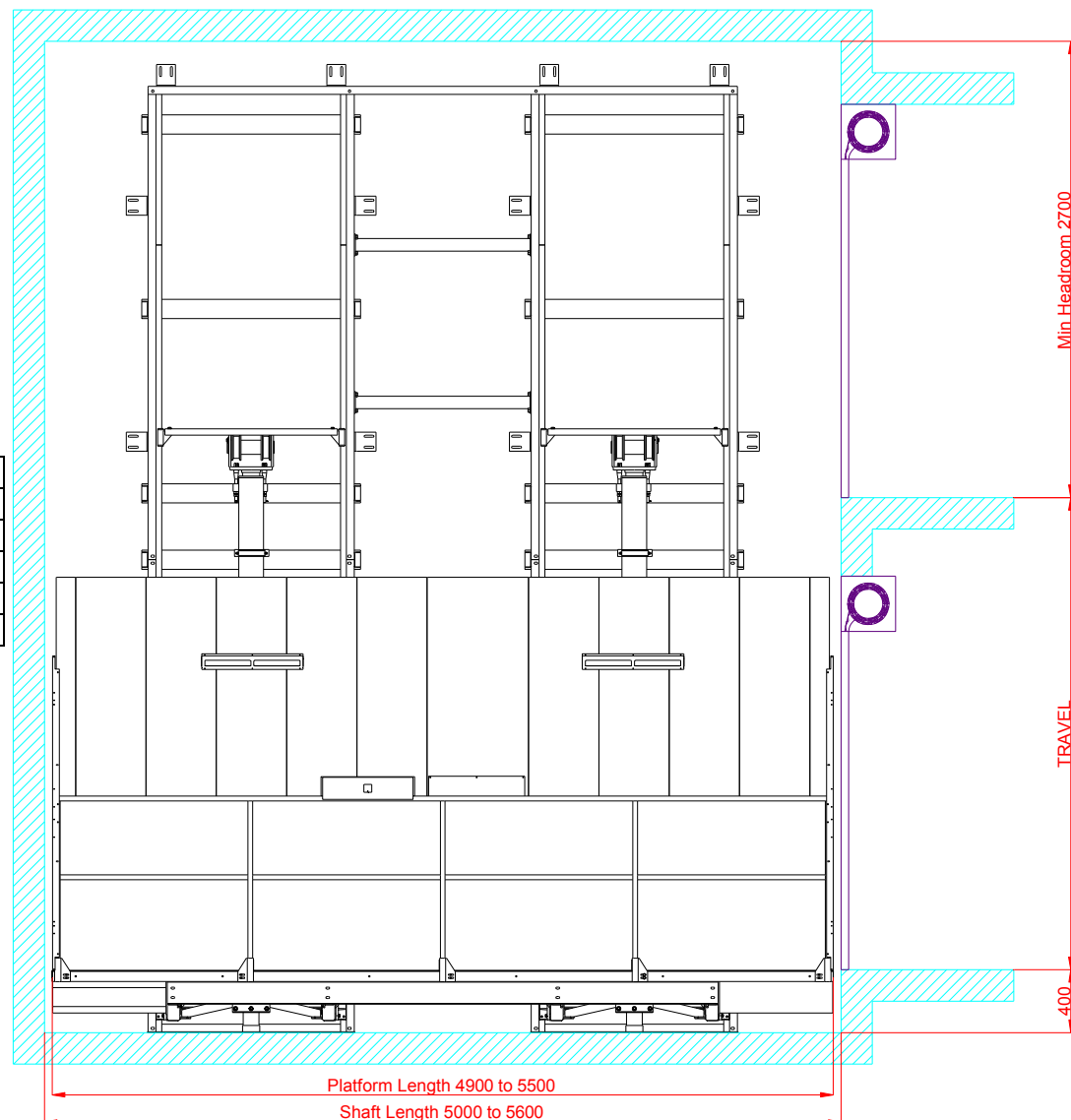
Shaft annotations:  $\pm 20$  mm  
Dimensions in mm

## KTS2/M Required shaft dimensions

KTS2/M	
Platform Width (mm)	2100-2500
Shaft Width (mm)	2500-2900
Min Pit Depth (mm)	400
Min Headroom (mm)	2700
Distance between wall brackets	1000



## KTS2/M Required shaft dimensions



KTS2/M	
Platform Length (mm)	4900-5500
Shaft Length (mm)	5000-5600
Max Travel (mm)	12000
Min Pit Depth (mm)	400
Min Headroom (mm)	2700

## KTS2/M Required shaft dimensions

KTS2/M	
Platform Width (mm)	4900-5500
Shaft Width (mm)	5000-5600
Platform Length (mm)	2100-2500
Shaft Length (mm)	2500-2900

