

# HEK TPM Transport Platforms

## Technical specifications

The Alimak Hek Group is the world's leading supplier of mast climbing equipment and added value services for both temporary and permanent installations providing the most cost efficient, reliable, and flexible vertical access solutions for people and materials in the construction and general industry. Alimak Hek, with manufacturing on three continents, operates wholly owned sales and rental companies in some 20 locations around the world, and has over 50 representatives in other locations.



HEK MHM 1600S

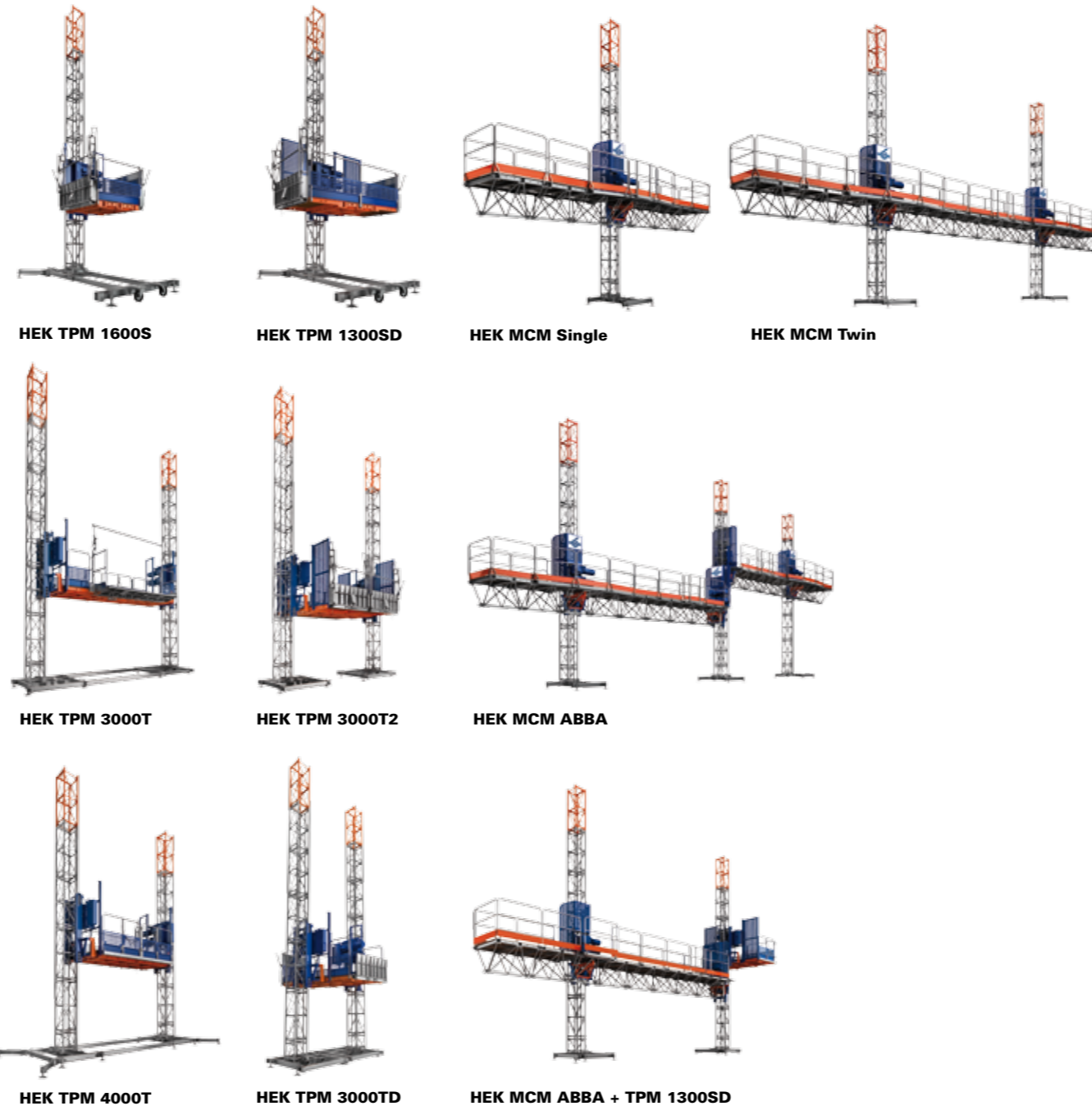
HEK MHM 3000TD

### Electrical Data HEK MHM Material Hoists

Electrical data MH (24 m/min)	MHM 1600S	MHM 1300SD	MHM 3000T	MHM 3000T2	MHM 3000TD	MHM 4000T
Rated Power (kW)	2x 5.5	2x 5.5	4x 5.5	4x 5.5	4x 5.5	4x 5.5
Voltage (V)	400	400	400	400	400	400
Motor connection (230 V)	$\triangle^*$	$\triangle^*$	$\triangle^*$	$\triangle^*$	$\triangle^*$	$\triangle^*$
Frequency (Hz)	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Control Voltage (V)	24 DC 230 AC	24 DC 230 AC	24 DC 230 AC	24 DC 230 AC	24 DC 230 AC	24 DC 230 AC
Power consumption (kW)	13.3	13.0	26.0	27.3	25.3	30.0
Power supply fuses (A)	32	32	63	63	63	63
Power cable (xmm <sup>2</sup> )	4x10 + 10x1	4x10 + 10x1	4x10 + 10x1	4x10 + 10x1	4x10 + 10x1	4x10 + 10x1

\*  $\triangle$  = Delta connection

### Other configurations. Some examples



HEK TPM 1600S

HEK TPM 1300SD

HEK MCM Single

HEK MCM Twin

HEK TPM 3000T

HEK TPM 3000T2

HEK MCM ABBA

HEK TPM 4000T

HEK TPM 3000TD

HEK MCM ABBA + TPM 1300SD



To reconfigure a transport platform to a material hoist you just:

- Fit a multi core cable
- Change the motor connection from Star to Delta
- Reprogram the PLC

No mechanical changes to the drive unit are necessary.

Capacities, dimensions and weights of the MHM range are equal to the TPM range with the exception that NO persons are allowed on the MHM range.

[www.alimakhek.com](http://www.alimakhek.com)

HEK Manufacturing B.V. is ISO-9001-2000 approved

Applications, configurations, technical data and working procedures are for illustration purposes only. According to (inter)national and/or local legislation, regulations and policy they may not be permitted in certain cases; buyer or lessee should always verify local regulations in its jurisdiction. Further, we reserve the right to change any of the aforementioned concerning our products in this brochure at any time without prior notice.



**Modular System**

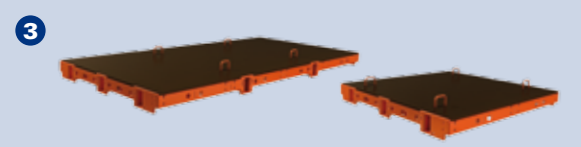
With relatively few basic components, it is possible to assemble a number of very different machines. Using the same drive unit, mast and three adapters, a wide range of mastclimbing workplatforms and transport platforms can be configured.



Basic components



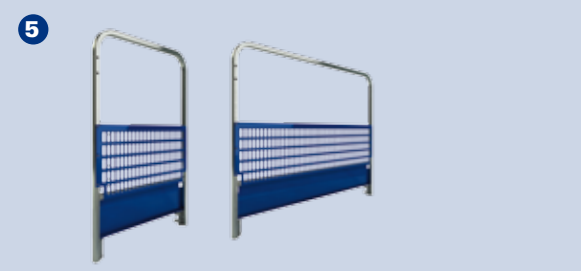
Adaptor TP



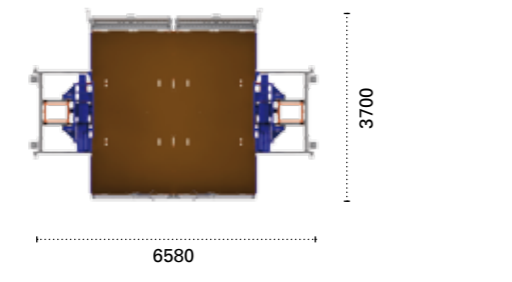
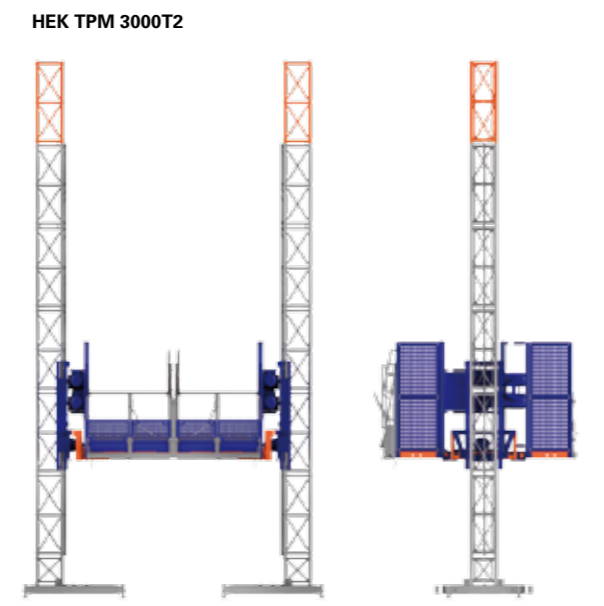
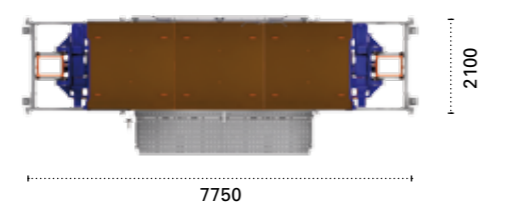
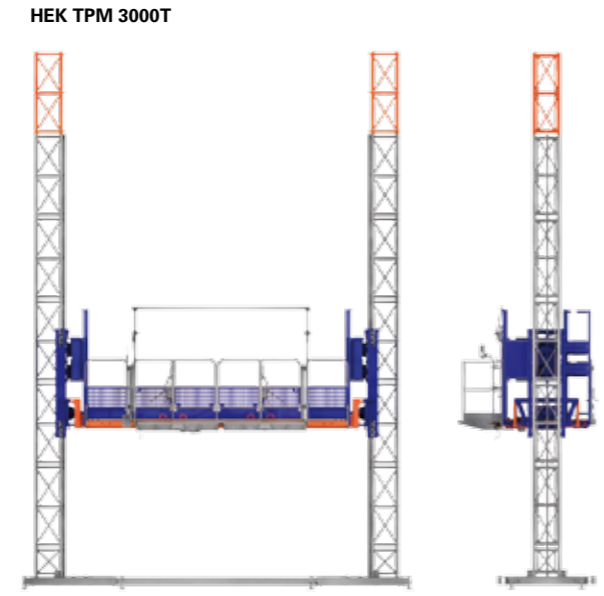
Platforms



Ramps



Fences



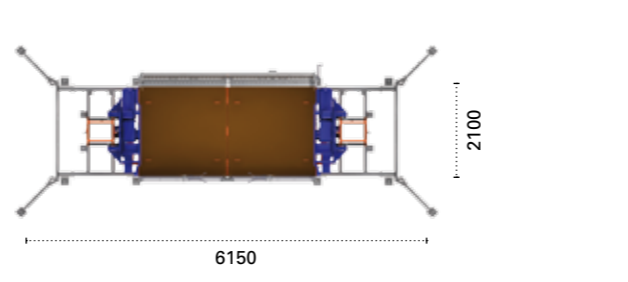
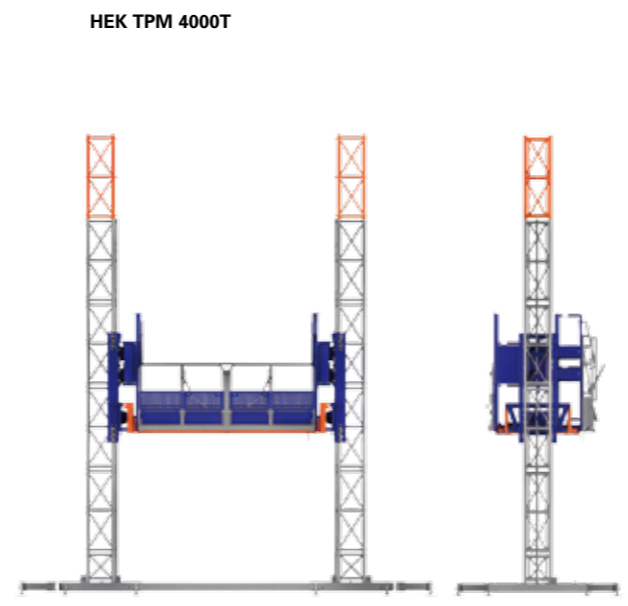
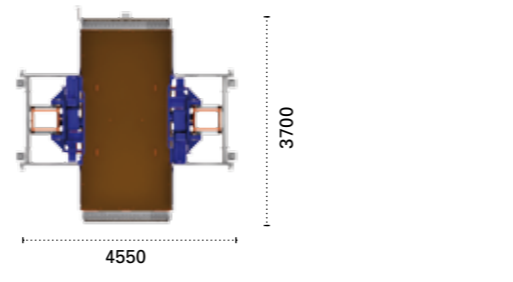
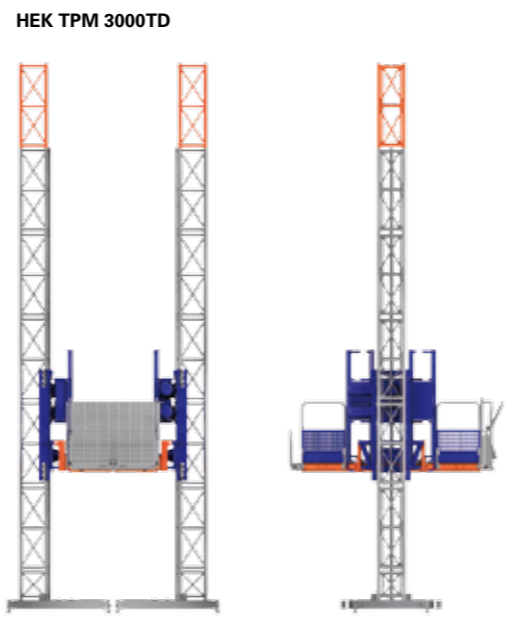
**Technical data**

	TPM 3000T	TPM 3000T2	TPM 3000TD	TPM 4000T
<b>Capacity</b>				
Platform length (m)	4.8	3.2	1.6	3.2
Platform Width (m)	1.6	3.2	3.2	1.6
Max Payload capacity (kg)	3000	3000	3000	4000
Number of people	8	8	8	8
Speed (m/min)	12/24	12/24	12/24	12/24
First Anchor position (m)	9	9	9	9
Max lifting height tied (m)	200	200	200	200
Tie distance max (m)	9	9	9	9
Free topmast (m)	4.5	4.5	4.5	4.5

<b>Dimensions and weights</b>				
Lowest transport height (m)	2.2	2.2	2.2	2.2
Height to platform (m)	0.5	0.5	0.5	0.5
Platform section (kg)	958	810	776	1225
1.5m mast section (SQ450x450) (kg)	75	75	75	75
Groundframe incl. outriggers (kg)	2x 230	2x 230	2x 230	2x 230
Drive unit (kg)	1400	1400	1400	1400

<b>Electrical Data</b>				
Rated power (kW)	4 x 5.5	4 x 5.5	4 x 5.5	4 x 5.5
Voltage (V)	400	400	400	400
Motor connection	Y*	Y*	Y*	Y*
Control Voltage (V)	24 DC	24 DC	24 DC	24 DC
Control Voltage Frequency (Hz)	50 - 60	50 - 60	50 - 60	50 - 60
Power consumption (kW)	13	13.7	12.7	15
Power supply fuses (A)	32	32	32	32
Power cable (xmm <sup>2</sup> )	4 x 6	4 x 6	4 x 6	4 x 6

\* Y = Star connection



**Technical data**

	TPM 1600SD	TPM 1300SD
<b>Capacity</b>		
Platform length (m)	1.6	1.6
Platform Width (m)	1.6	3.2
Max Payload capacity (kg)	1600	1300
Number of people	5	5
Speed (m/min)	12/24 m/min	12/24 m/min
First Anchor position (m)	9 m	9 m
Max lifting height tied (m)	200 m	200 m
Tie distance max (m)	9 m	9 m
Free topmast (m)	4.5 m	4.5 m

<b>Dimensions and weights</b>		
Lowest transport height (m)	2.2	2.2
Height to platform (m)	0.5	0.5
Platform section (kg)	444	676
1.5 m mast section (SQ450x450) (kg)	75	75
Groundframe incl. outriggers (kg)	415	415
Drive unit (kg)	700	700

<b>Electrical Data</b>		
Rated power (kW)	2 x 5.5	2 x 5.5
Voltage (V)	400	400
Motor connection	Y*	Y*
Control Voltage (V)	24 DC	24 DC
Control Voltage Frequency (Hz)	50 - 60	50 - 60
Power consumption (kW)	6.7	-6.5
Power supply fuses (A)	25	25
Power cable (xmm <sup>2</sup> )	4 x 6	4 x 6

\* Y = Star connection

