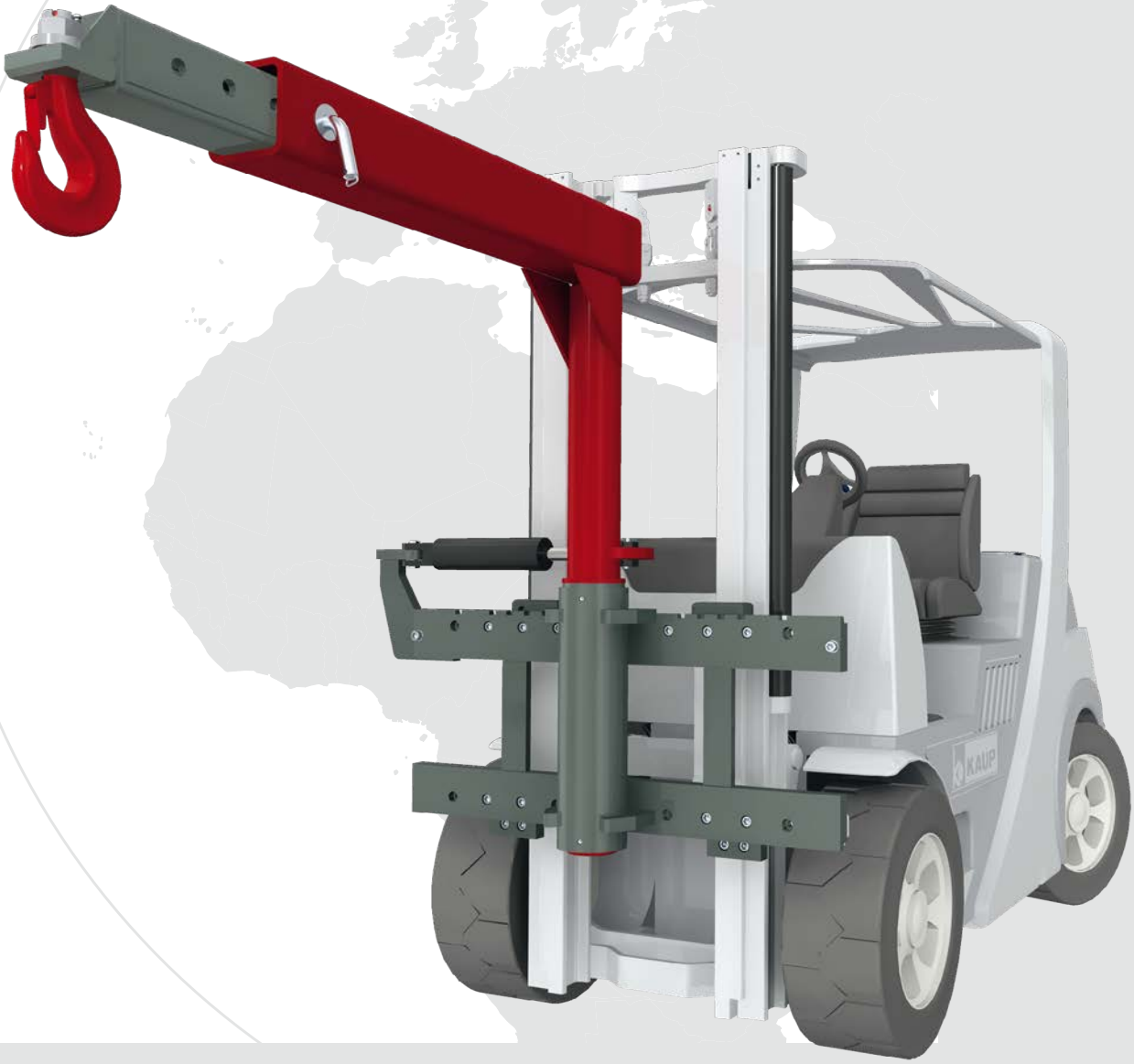
KAUP

Helping hands for your Forklift truck

Crane Jib T183



T183 · T183C · T183G · T183H

Crane Jib

Utilization

As indicated in their name, standard fork lift trucks are designed with the purpose of stacking loads that have firstly been picked up from the bottom, by means of forks. But quite a lot of loads are such a nature as id does not allow to lift from their base; on the contrary, they require being lifted from above, in hanging position. This is a frequent case in industries where installations including cranes and continuous conveyors are completed by the use of fork lift trucks. In less important enterprises, it is possible, by adapting crane jibs on the fork lift trucks to avoid the installation of an overhead of mobile crane. This is why, for instance, crane jibs are used in motor car works, for fitting or removing motors, in metal works to place or remove the press toolings, and in concrete works, for the transport of finished units. Besides, the crane jibs can be fitted with adapted grabs or tongs, with either manual, mechanical or hydraulic control, designed to pick up timber, steel tubes, brick or slate piles, and quite a variety of other materials requiring to be clamped or picked from the side.

There are fixed crane arms with stepped positions of the hook (displaced by hand) - telescopic sliding jibs with either mechanical or hydraulic control - slewing jibs (with hydraulic or mechanical control) - and executions equipped with a sideshifting device.

Description of the construction

The frame and the arm are made of torsion-free hollow sections. This compact construction involves an important reduction of the dead space between the hook and the upper edge of the arm, which is of great importance when stacking up to the ceiling of a room or inside railway wagons or covered lorries.

The suspension on the fork backrest is relatively narrow, so that standard type or folding forks may remain attached. This disposition allows the alternate handling with pallets without any necessity of removing the crane jib.

Crane jib T183C

This model consists of a fixed frame and a one-piece arm. The lower part of the arm has a slot by means of which the hook can be positioned by hand, when displacing it forward or backward on its arrests.

Crane jib model T183G

A jib that attaches to and is secured on the forks of a lift truck is the perfect answer when there is just occasional need for crane lifting jobs. It is only necessary to make sure that the fork sockets on the crane jib are matched to the size of the truck forks.

Telescopic crane jib T183CT

In this model, the arm overhang can be adjusted either by hand or by a hydraulic control device allowing from 1.200 to 2.000 mm (3'11.1/4" to 6'6.3/4") overhang. In the case of manual adjustment, the stop is determined by pins placed at 100 mm (3.15/16") from each other. The hydraulic control starts, on the contrary, from the operator's seat and is effekted by a cylinder fitted inside the jib sektion.

When it is necessary to lift heavy loads placed within less than 1.200 mm (3'11.1/4") it is also possible to place another hook with manual positioning.

Slewing jib T183

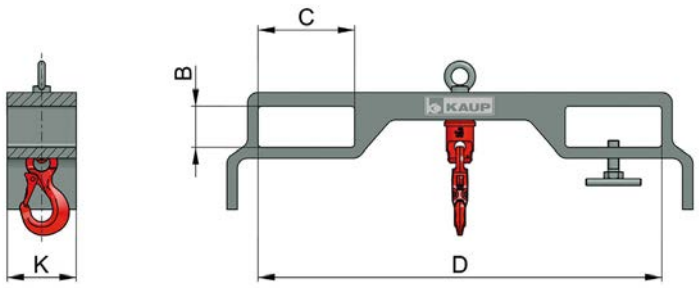
For the handling of very long units which must be picked up alongside the power truck, the jib can be slewed by hand to 90° to the left and to the right, with intermediate arrests at 45°, the arrest being maintained by a spring bolt. The slewing is no longer possible when the load has been raised.

Crane jib with hydraulic control of the slewing movement, T183H

The standard execution allows to slew the column, with or without load, either to 90° to the left, to 90° to the right, or to 45° both left and right, the movement being controlled by a hydraulic cylinder. A slewing cylinder, which may be fitted with en extra price, allows to attain a slewing of 1 BO°.

Possible combinations

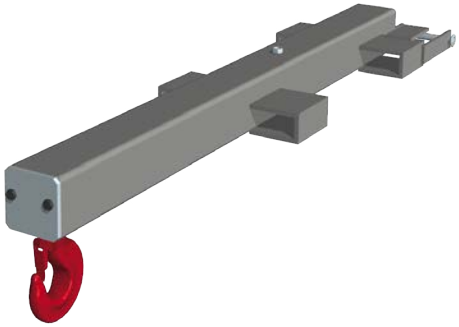
All crane jibs with mechanical or hydraulic slewing system may be combined with telescopic arms, the control of which can also be either mechanical or hydraulic.

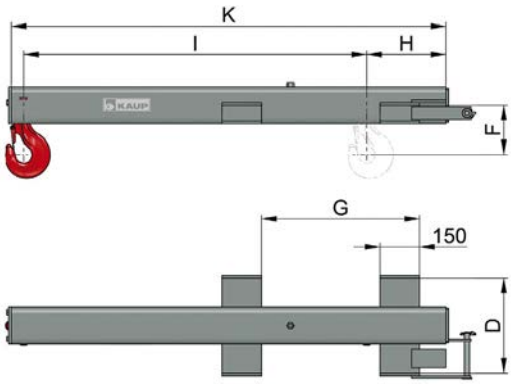


Crane Hook T183G/S

slip-on-fork version

Model	Capacity kg	B mm	C mm	D mm	K mm	Weight kg
1T 183 G/S	1.500	60	140	585	100	23
2T 183 G/S	2.500	60	140	585	100	29
3T 183 G/S	3.500	60	140	585	100	32
5T 183 G/S	5.000	70	170	580	120	41

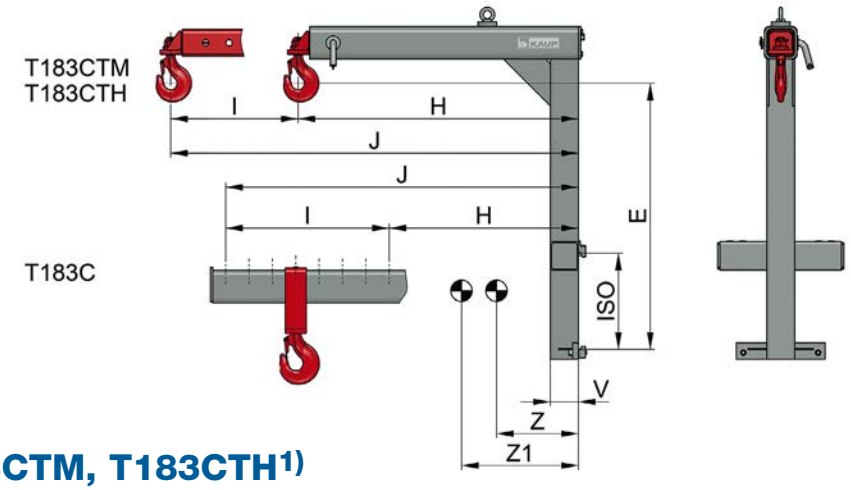




CofG ~ K/2

Crane Jib T183G slip-on-fork version

Model	Capacity kg	LCD mm	A mm	B mm	C mm	D mm	F mm	G mm	H mm	I mm	K mm	Weight kg
1T 183 G	1.500	500	120	50	120	400	183	600	300	12x100	1.560	68
2T 183 G	2.500	500	140	50	150	480	187	600	300	12x100	1.560	90
3T 183 G	4.000	500	160	60	150	500	187	600	300	12x100	1.560	116
5T 183 G	6.000	600	200	70	150	550	255	600	300	8x150	1.585	165
7T 183 G	8.000	600	260	80	150	530	265	600	300	8x150	1.585	170
10T 183 G	10.000	600	260	80	210	730	325	600	345	7x165	1.595	315

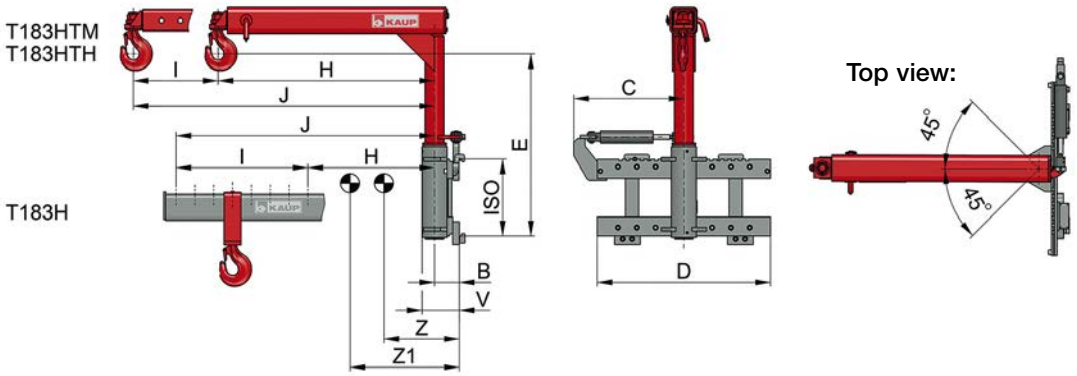


Crane Jib T183C, T183CTM, T183CTH[1)]

Model	Capacity kg	LCD mm	H-J mm	I mm	E mm	ISO cl.	V mm	CofG Z mm	CofG Z1 mm	Weight kg
1T 183 C	1.500	500	500-1.200	7 x 100	1.110	2	120	358	--	115
2T 183 C	2.500	500	500-1.200	7 x 100	1.080	2/3	140	368	--	158
3T 183 C	4.000	500	500-1.200	7 x 100	1.365	3	160	310	--	210
5T 183 C	6.000	600	600-1.200	4 x 150	1.255	4	200	359	--	270
7T 183 C	8.000	600	600-1.200	4 x 150	1.250	4	260	372	--	262
10T 183 C	6.600	1.200	1.175-2.000	5 x 165	1.165	4	260	685	--	585
1T 183 CTM	820	1.200	1.200-2.000	8 x 100	1.135	2	120	390	587	150
2T 183 CTM	1.470	1.200	1.200-2.000	8 x 100	1.230	2/3	140	359	537	181
3T 183 CTM	2.350	1.200	1.200-2.000	8 x 100	1.310	3	160	349	524	245
5T 183 CTM	3.650	1.350	1.350-2.150	8 x 100	1.265	4	200	440	663	349
7T 183 CTM	5.000	1.350	1.350-2.150	8 x 100	1.265	4	220	433	631	373
1T 183 CTH	820	1.200	1.200-2.000	-	1.220	2	120	390	609	150
2T 183 CTH	1.470	1.200	1.200-2.000	-	1.230	2/3	140	359	570	181
3T 183 CTH	2.350	1.200	1.200-2.000	-	1.320	3	160	349	543	245
5T 183 CTH	3.650	1.350	1.350-2.150	-	1.280	4	200	440	684	349
7T 183 CTH	5.000	1.350	1.350-2.150	-	1.270	4	260	433	672	373
10T 183 CTH	6.400	1.350	1.350-2.050	-	1.145	4	260	570	707	820

[1)] T183C = hook manually adjustable
T183CTM = mechanical telescope
T183CTH = hydraulic telescope - 1 hydraulic function

Higher capacities upon request.

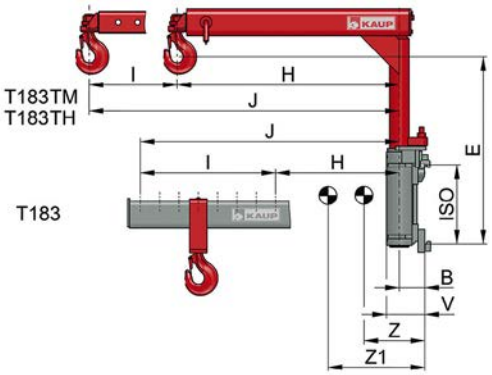


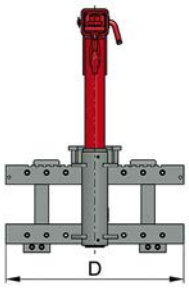
Crane Jib T183H, T183HTM, T183HTH[1)]

Model	Capacity kg	LCD mm	B mm	C mm	D mm	H-J mm	I mm	E mm	ISO cl.	V mm	CofG Z mm	CofG Z1 mm	Weight kg
1T 183 H	1.500	500	125	585	920	500-1.200	7 x 100	945	2	186	267	--	203
2T 183 H	2.500	500	132	585	920	500-1.200	7 x 100	915	2	198	315	--	232
2T 183 H	2.500	500	142	585	920	500-1.200	7 x 100	1.015	3	208	293	--	260
3T 183 H	4.000	500	155	720	1.150	500-1.200	7 x 100	1.155	3	234	265	--	349
5T 183 H	6.000	600	187	720	1.220	600-1.200	4 x 150	950	4	284	268	--	555
2T 183 HTM	1.530	1.150	132	585	920	1.150-1.950	8 x 100	1.065	2	198	311	436	252
2T 183 HTM	1.530	1.150	142	585	920	1.150-1.950	8 x 100	1.165	3	208	292	403	281
3T 183 HTM	2.475	1.140	155	720	1.150	1.140-1.940	8 x 100	1.160	3	234	290	398	386
5T 183 HTM	3.850	1.280	145	720	1.220	1.280-2.080	8 x 100	940	4	242	329	469	546
2T 183 HTH	1.525	1.155	132	585	920	1.155-1.965	-	1.065	2	198	330	471	268
2T 183 HTH	1.525	1.155	142	585	920	1.155-1.965	-	1.165	3	208	310	437	296
3T 183 HTH	2.480	1.135	155	720	1.150	1.135-1.945	-	1.160	3	234	332	424	420
5T 183 HTH	3.910	1.260	145	720	1.220	1.260-2.070	-	950	4	242	370	502	585

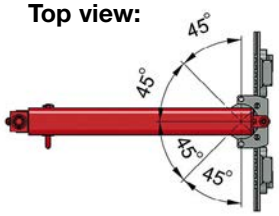
[1)] T183H = hydraulic swivel ± 45° - hook manually adjustable - 1 hydraulic function
T183HTM = hydraulic swivel ± 45° and mechanical telescope - 1 hydraulic function
T183HTH = hydraulic swivel ± 45° and hydraulic telescope - 2 hydraulic functions

Higher capacities upon request.





Top view:



Crane Jib T183, T183TM, T183TH[1)]

Model	Capacity kg	LCD mm	B mm	D mm	H-J mm	I mm	E mm	ISO cl.	V mm	CofG Z mm	CofG Z1 mm	Weight kg
1T 183	1.500	500	125	920	500-1.200	7 x 100	945	2	186	271	--	201
2T 183	2.500	500	132	920	500-1.200	7 x 100	915	2	198	320	--	230
2T 183	2.500	500	142	920	500-1.200	7 x 100	1.015	3	208	296	--	259
3T 183	4.000	500	155	1.150	500-1.200	7 x 100	1.155	3	234	258	--	356
5T 183	6.000	600	187	1.220	600-1.200	4 x 150	950	4	284	270	--	553
2T 183 TM	1.470	1.200	132	920	1.150-1.950	8 x 100	1.065	2	198	314	441	251
2T 183 TM	1.470	1.200	142	920	1.150-1.950	8 x 100	1.165	3	208	294	407	279
3T 183 TM	2.350	1.200	155	1.150	1.190-1.990	8 x 100	1.160	3	234	295	402	404
5T 183 TM	3.650	1.350	187	1.220	1.350-2.150	8 x 100	970	4	284	346	471	636
2T 183 TH	1.410	1.250	132	920	1.250-2.050	-	1.065	2	198	360	535	272
2T 183 TH	1.410	1.250	142	920	1.250-2.050	-	1.165	3	208	338	470	301
3T 183 TH	2.480	1.135	155	1.150	1.135-1.945	-	1.170	3	234	327	417	427
5T 183 TH	3.880	1.270	187	1.220	1.270-2.080	-	970	4	284	368	483	668

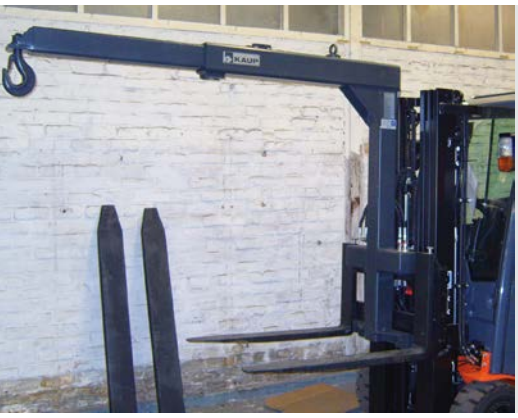
[1)] T183 = mechanical swivel ± 90° - hook manually adjustable
T183TM = mechanical swivel ± 90° and mech. telescope
T183TH = mechanical swivel ± 90° and hydraulic telescope - 1 hydraulic function

Higher capacities upon request.

T183C T183HTH T183



T183CTH T183C T183CTH



T183CTM T183C T183CTH



KAUP attachments correspond to the requirements of the valid EC regulations regarding quality, safety and technical documentation.
All technical data are subject to alteration.

KAUP is certified acc. to DIN EN ISO 9001

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