

PERFORMANCE CHARACTERISTICS PALLET CONVEYOR SYSTEMS



a coesia company

	Unit	X45	X65P	X85P	XKP	XT
Beam width	mm	45	65	85	105	2x45
Chain width	mm	43	63	83	102	35
Chain pitch	mm	12,7	25,4	33,5	38,1	25,4
Chain radius horizontal plain bends	mm	150/210	300/500/700/1000	300/500/700/1000	500/700/1000	-
Horizontal plain bends	∠°	30/45/90/180	30/45/60/90	30/45/60/90	30/45/60/90	90/180
Chain radius vertical bends	mm	400	300	400	750	300
Vertical bends	∠°	5	5	5	5	5
Chain radius wheel bends	mm	-	150	160	200	150
Wheel bends	∠°	-	30/45/90/180/210	30/45/90/180/210	30/45/90/180	90/180
Chain pull	N	200 (100 N conductive)	1000	1250	2500	900
Traction force of drive unit	N	100-200	1000	1250	2500	900
Maximum conveyor length	m	6 (4 m conductive)	40	30	40	25
Maximum weight on conveyor	kg	30	200	200	800	400
Maximum item weight on pallet	kg	0,25	3	10	30	20
Conveyor speed	m/min.	5-20	20	20	20	20
Pallet sizes (WxLxH)	mm	ø 43	100x128x41	160x100x47/50 160x125x47/50 160x175x47/50 160x225x47/50	200x150x53 250x225x53 300x300x53	240x240x25 320x320x25 400x400x25 480x480x25 640x640x25 including rectangular sizes

Load limits must always be determined on a case-by-case basis in accordance with the applicable system parameters. The values specified are maximum values that are dependent on each other. Subject to change.