

# LIFT WITH EASE

Efficient and ergonomic  
material handling





Item No.: Vertical PV

## Vertical PV





















































<b>Weight (kg)</b>	4.5, 10, 11, 12, 12.4, 12.8, 13, 15, 18, 2.5, 25, 3, 3.6, 3.7, 30, 4, 4.4, 4.6, 5, 6, 7, 7.5, 7.8, 8, 8.9, 9
<b>Maximum capacity (kg)</b>	100, 150, 20, 250, 30, 40, 50, 65, 75
<b>Stroke length (mm)</b>	1200, 1500, 1800, 2100, 2400, 2700, 3000, 3600, 600, 900
<b>Bal-Trol model</b>	Vertical
<b>Configuration height (mm)</b>	-1008, -1033, -1038, -1039, -1064, -1076, -1084, -1090, -1114, -1119, -1141, -1160, -1162, -1190, -1205, -1218, -1236, -1248, -1266, -1291, -1295, -1334, -1372, -1388, -1449, -532, -559, -570, -573, -608, -610, -611, -628, -645, -646, -649, -661, -679, -682, -684, -687, -688, -704, -712, -713, -720, -722, -725, -733, -734, -746, -752, -756, -760, -762, -763, -780, -784, -798, -801, -810, -813, -814, -816, -833, -834, -836, -839, -847, -848, -856, -864, -879, -882, -886, -910, -911, -915, -932, -937, -943, -962, -966, -987, -988, -990



























The Vertical PV Bal-Trol mini is a highly compact vertical Bal-Trol, designed for environments with extremely limited space where other models cannot be installed. The vertical design combines a small footprint with high flexibility, making the model suitable for precision work in confined workstations. The Vertical PV has only one mounting eye and therefore requires only a trolley in the overhead crane system or a coupling a crane. The model is equipped with an air swivel at the top that enables endless rotation, giving the user full freedom of movement and minimizing the risk of the spiral hose twisting or becoming damaged. The air swivel adds slightly to the overall height and should therefore be taken into account when used in environments with limited ceiling height. The maximum load ranges from 20 to 250 kilograms, and the stroke length varies from 600 to 3,600 millimeters, with the Bal-Trol mini available up to 150 kilograms.

















This is the ideal choice when space is extremely limited but the requirements for flexibility and ergonomics are high.

## Versions

	Article number	Weight (kg)	Maximum capacity (kg)	Stroke length (mm)	Bal-Trol model	Configuration height (mm)
	90-10540		250	3000	Vertical	1334
	90-10539		250	2700	Vertical	1291
	90-10538		250	2400	Vertical	1248
	90-10537	30	250	2100	Vertical	1205
	90-10536	18	250	1800	Vertical	1162
	90-10535	25	250	1500	Vertical	1119
	90-10534	25	250	1200	Vertical	1076
	90-10533		250	900	Vertical	1033
	90-10532		250	600	Vertical	990
	90-10511		75	2700	Vertical	911
	90-10510		75	2400	Vertical	879
	90-10509		75	2100	Vertical	847
	90-10508		75	1800	Vertical	816
	90-10507		75	1500	Vertical	784
	90-10506		75	1200	Vertical	752
	90-10505		75	900	Vertical	720
	90-10504		75	600	Vertical	688
	90-10503		75	3000	Vertical	943
	90-10502	15	100	2700	Vertical	1039
	90-10501	12	100	2400	Vertical	988
	90-10500	12	100	2100	Vertical	937
	90-10499	12	100	1800	Vertical	886
	90-10498	12	100	1500	Vertical	834
	90-10497	12-4	100	1200	Vertical	784

	Article number	Weight (kg)	Maximum capacity (kg)	Stroke length (mm)	Bal-Trol model	Configuration height (mm)
	90-10496	12	100	900	Vertical	733
	90-10495		100	600	Vertical	682
	90-10485		150	3000	Vertical	1090
	90-10484		40	2700	Vertical	839
	90-10483		40	2400	Vertical	801
	90-10482	3-6	40	2100	Vertical	763
	90-10481	9	40	1800	Vertical	725
	90-10479	7	40	1200	Vertical	687
	90-10478		40	900	Vertical	649
	90-10477		40	600	Vertical	611
	90-10476		40	3000	Vertical	573
	90-10475		50	2700	Vertical	882
	90-10474	8-9	50	2400	Vertical	848
	90-10473		50	2100	Vertical	814
	90-10472	7	50	1800	Vertical	780
	90-10471	8	50	1500	Vertical	746
	90-10470	5	50	1200	Vertical	713
	90-10469	4-6	50	900	Vertical	679
	90-10468		50	600	Vertical	645
	90-10458		65	3600	Vertical	1449
	90-10457		65	3000	Vertical	1372
	90-10456		20	2700	Vertical	798
	90-10455	4	20	2400	Vertical	760
	90-10454		20	2100	Vertical	722
	90-10453		20	1800	Vertical	684
	90-10452		20	1500	Vertical	646-2

	Article number	Weight (kg)	Maximum capacity (kg)	Stroke length (mm)	Bal-Trol model	Configuration height (mm)
	90-10451		20	1200	Vertical	608
	90-10450		20	900	Vertical	570
	90-10449		20	600	Vertical	532
	90-10448		20	3000	Vertical	836
	90-10447		30	2700	Vertical	915
	90-10446		30	2400	Vertical	864
	90-10445		30	2100	Vertical	813
	90-10444	6	30	1800	Vertical	762
	90-10443	4-4	30	1500	Vertical	712
	90-10442	2-5	30	1200	Vertical	661
	90-10441		30	900	Vertical	610
	90-10440		30	600	Vertical	559
	90-10439		30	3000	Vertical	966
	90-10430		40	3600	Vertical	1388
	90-10486	10	150	600	Vertical	734
	90-10459		65	600	Vertical	679
	90-10431	3	40	600	Vertical	628
	90-10480	8	40	1500	Vertical	687
	90-10494		100	3000	Vertical	1090
	90-10493		150	2700	Vertical	1266
	90-10492	13	150	2400	Vertical	1190
	90-10491	13	150	2100	Vertical	1114
	90-10490	12	150	1800	Vertical	1038
	90-10489	12	150	1500	Vertical	962
	90-10488	11	150	1200	Vertical	886
	90-10487	12-8	150	900	Vertical	810

	Article number	Weight (kg)	Maximum capacity (kg)	Stroke length (mm)	Bal-Trol model	Configuration height (mm)
	90-10467		65	3000	Vertical	1295
	90-10466		65	2700	Vertical	1218
	90-10465	7-8	65	2400	Vertical	1141
	90-10464	7	65	2100	Vertical	1064
	90-10463	6	65	1800	Vertical	987
	90-10462	7	65	1500	Vertical	910
	90-10461	7-5	65	1200	Vertical	833
	90-10460	3-7	65	900	Vertical	756
	90-10438		40	2700	Vertical	1160
	90-10437	4-5	40	2400	Vertical	1084
	90-10436	4	40	2100	Vertical	1008
	90-10435	4	40	1800	Vertical	932
	90-10434	4	40	1500	Vertical	856
	90-10433		40	1200	Vertical	780
	90-10432		40	900	Vertical	704
	90-10429		40	3000	Vertical	1236



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