



56 Plant weights

Plant weights and root ball sizes can only be approximated as many factors influence weight and root ball size. The shape of the root ball, the specific weight of the soil or substrate, the water saturation, and other factors leave a lot of leeway. The information below is based on experience and can be used to extrapolate transport weights.

Category	Size in cm	Approx. weight in kg/plant	Rootball-diameter in cm
Ground-covering shrubs	1.5 l Container	1.3	
	2 l Container	1.7	
Evergreens	20 - 30	3	
	30 - 40	4	
	40 - 50	6	
	50 - 60	9	
	60 - 80	13	
	80 - 100	18	
	100 - 125	25	
	125 - 150	40	
	150 - 200	60	
Rhododendron	30 - 40	3	
	40 - 50	4.5	
	50 - 60	6	
	60 - 70	8	
	70 - 80	11	
	80 - 90	16	
	90 - 100	25	
	100 - 120	40	
Decorative shrubs and hedges	2 xv, o.B., 80 - 100	0.5	
	2 xv, o.B., 100 - 150	1	
	2 xv, o.B., 150 - 200	2	
	3 xv, m.B., 80 - 100	8	
	3 xv, m.B., 100 - 125	12	
	3 xv, m.B., 125 - 150	18	
	3 xv, m.B., 150 - 175	25	

Category	Size in cm	Approx. weight in kg/plant	Rootball-diameter in cm
Branched-trunk trees	2 xv, o.B., 80 - 100	0.6	
	2 xv, o.B., 100 - 125	0.8	
	2 xv, o.B., 125 - 150	1	
	2 xv, o.B., 150 - 200	1.5	
	2 xv, o.B., 200 - 250	2	
	3 xv, m.B., 80 - 100	8	
	3 xv, m.B., 100 - 125	9.5	
	3 xv, m.B., 125 - 150	11	
	3 xv, m.B., 150 - 175	14	
	3 xv, m.B., 175 - 200	18	
Streetworks and standards	3 xv, m.B., 12 - 14	50	40
	3 xv, m.B., 14 - 16	100	45
	3 xv, m.B., 16 - 18	150	50
	3 xv, m.B., 18 - 20	200	60
	4 xv, m.B., 20 - 25	270	70
	4 xv, m.B., 25 - 30	350	80
	5 xv, m.B., 30 - 35	500	95
	5 xv, m.B., 35 - 40	650	100
	5 xv, m.B., 40 - 45	850	125
	5 xv, m.B., 45 - 50	1100	130
	6 xv, m.B., 50 - 60	1600	140
	6 xv, m.B., 60 - 70	2500	160
	6 xv, m.B., 70 - 80	4000	180
	6 xv, m.B., 80 - 90	5500	190
6 xv, m.B., 90 - 100	7500	210	
6 xv, m.B., 100 - 120	9500	220	

57 Conversion table girth

Circumference / cm	Diameter / cm	Circumference / cm	Diameter / cm
7-8	2.25-2.5	35-40	12-14
8-10	2.5-3	40-45	14-16
10-12	3-4	45-50	16-18
12-14	4-4.5	50-60	18-20
14-16	4.5-5	60-70	20-22
16-18	5-5.5	70-80	22-25
18-20	5.5-6	80-90	25-28
20-25	6-8	90-100	28-32
25-30	8-10	100-120	32-36
30-35	10-12	120-140	36-40

