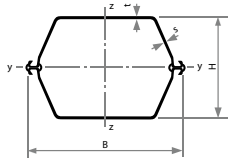


Special Profile: Box Piles

Selection from the complete range	Pile section ¹⁾	Section modulus		Weight kg/m	Dimensions				Circumference Developed ²⁾ cm	Area		Second moment of inertia		Radius of gyration i _y cm
		W _y	W _z		B	H	t	s		Steel cross section	Included ³⁾	I _y	I _z	
		cm ³	cm ³		mm	mm	mm	mm		cm ²	cm ²	cm ⁴	cm ⁴	
LP	LP 601	1060	1660	94	632	350	7.5	6.4	162	118	1640	18600	52600	12.5
	LP 602	1190	1830	107	634	350	8.2	8.0	162	136	1640	20800	58320	12.4
	LP 603	1700	2260	130	638	354	9.7	8.2	173	166	1810	30200	72200	13.5
	LP 604 n	2210	2630	148	638	424	10.0	9.0	187	188	2160	46900	83900	15.8
	LP 23	2310	2330	155	536	470	11.5	10.0	175	197	1960	54300	62400	16.6
	LP 24	2840	2400	175	536	470	15.6	10.0	175	222	1960	66700	64300	17.3
	LP 704	2540	3170	161	738	484	10.2	9.5	205	205	2650	61520	116800	17.3
	LP 25	3440	2720	206	536	470	20.0	11.5	175	262	1960	80700	72800	17.6
	LP 605 K	2830	3020	173	637	470	12.2	10.0	192	221	2160	66400	96200	17.3
	LP 606 n	3410	3080	188	636	485	14.4	9.2	196	240	2430	82800	97900	18.6
	LP 755	3370	3840	191	788	494	11.7	10.0	217	244	2960	83300	151400	18.5
	LP 607 n	4340	3460	228	636	502	19.0	10.6	199	290	2490	109100	110100	19.4



- 1) Can also be supplied with 250 x 20 mm or 150 x 20 mm welded-on plates.
Weld seam type: external, continuous, weld seam thickness: min. a = 5 mm
- 2) Excl. internal surface of free interlocks.
- 3) Incl. steel surface. The outlined area is the straight-line contour around all external, protruding edges.

Combinations: U Box Piles - U Sheet Piles

Type of reinforcement

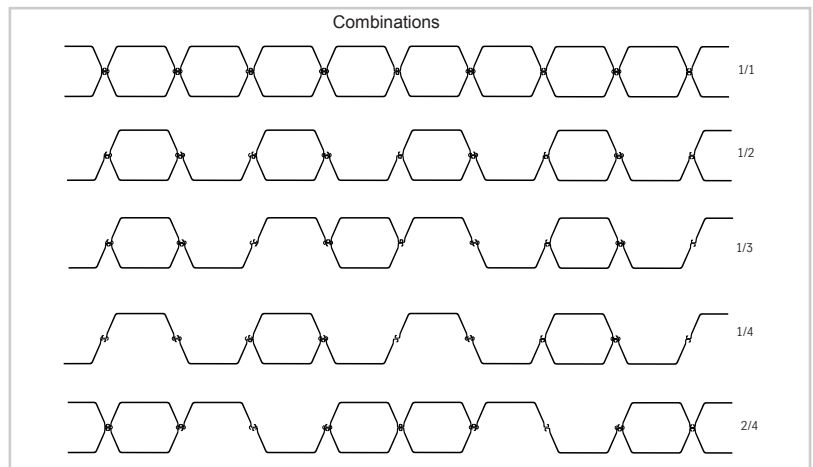
Heightwise:

- Full height - reinforcing box piles
- Partial height - forming sheet piles with inertia change by welding specially prepared shorter piles onto them.

Lengthwise:

- Total length - reinforcement 1/1
- Partial length - reinforcement 1/2, 1/3, 1/4.

Other combinations available (2/4), please contact our technical sales to discuss your requirements.



		1/1			1/2			1/3			1/4			2/4		
	Combined with Sheet Pile	Weight	Moment of Inertia	Elastic Section Modulus	Weight	Moment of Inertia	Elastic Section Modulus	Weight	Moment of Inertia	Elastic Section Modulus	Weight	Moment of Inertia	Elastic Section Modulus	Weight	Moment of Inertia	Elastic Section Modulus
	Profile	kg/m ²	cm ⁴ /m	cm ³ /m	kg/m ²	cm ⁴ /m	cm ³ /m	kg/m ²	cm ⁴ /m	cm ³ /m	kg/m ²	cm ⁴ /m	cm ³ /m	kg/m ²	cm ⁴ /m	cm ³ /m
LP 601	Larssen 601	155,00	30.717	1.750	116,08	17.567	1.001	103,11	17.922	1.021	96,63	15.729	896	116,08	21.121	1.203
LP 602	Larssen 602	178,33	34.533	1.968	133,67	19.592	1.116	118,78	20.091	1.145	111,33	17.600	1.003	133,67	23.702	1.351
LP 603	Larssen 603	216,67	49.817	2.815	162,33	28.100	1.588	144,22	29.006	1.639	135,17	12.454	704	162,33	34.208	1.933
LP 704	Larssen 704	230,00	87.886	3.632	172,50	49.593	2.049	153,33	52.762	2.180	143,75	46.348	1.915	172,50	61.543	2.543
LP 604 n	Larssen 604n	313,33	78.167	3.687	218,17	43.833	2.068	186,44	46.322	2.185	170,58	40.825	1.926	218,17	54.283	2.561
LP 755	Larssen 755	254,67	111.027	4.495	191,07	61.801	2.502	169,87	67.009	2.713	159,27	58.630	2.374	191,07	78.013	3.158
LP 23	Larssen 23	310,00	109.520	4.660	232,50	62.240	2.649	206,67	64.507	2.745	193,75	56.615	2.409	232,50	75.760	3.224
LP 605 K	Larssen 605 K	288,33	110.417	4.699	216,42	62.075	2.641	192,44	65.172	2.773	180,46	57.033	2.427	216,42	76.483	3.255
LP 606 n	Larssen 606 n	313,33	137.917	5.687	235,17	77.183	3.183	209,11	82.222	3.391	196,08	72.100	2.973	235,17	96.146	3.965
LP 24	Larssen 24	350,00	134.900	5.740	262,50	75.720	3.222	233,33	79.967	3.403	218,75	69.710	2.966	262,50	93.700	3.987
LP 25	Larssen 25	412,00	165.920	7.060	309,00	91.810	3.907	274,67	97.867	4.165	257,50	84.950	3.615	309,00	114.880	4.889
LP 607n	Larssen 607 n	380,00	183.500	7.311	285,00	101.150	4.030	253,33	109.380	4.358	237,50	95.625	3.810	285,00	127.910	5.096

Further combination on different Sheet Pile possible. Call us for more info 02 9409 1777 or 02 4966 0688.