

## Technical Data of PACO I - Shaped Pile

TYPE OF PILES (mm x mm)	MAX LENGTH PER PIECE (m)	CONCRETE CROSS SECTION AREA (cm <sup>2</sup> )	ESTIMATED PERIMETER (cm)	MOMENT OF INERTIA OF CONCRETE (cm <sup>4</sup> )	WEIGHT (kg/m)	RECOMMENDED SAFE LOAD (BKK AREA) (Ton)
I - 180 x 180	21	216	89	8,070	52	8 - 15
I - 180 x 180	21	274.5 *	89	8,654	66	10 - 15
I - 220 x 220	21	332	105	17,656	80	15 - 23
I - 220 x 220	21	363	105	18,479	87	15 - 25
I - 220 x 220	21	386 *	109	19,366	93	15 - 25
I - 260 x 260	25	460	126	34,510	110	25 - 30
I - 260 x 260	25	485	124	35,944	116	30 - 33
I - 260 x 260	25	489 *	131	37,037	117	30 - 34
I - 300 x 300	27	570	154	59,251	137	35 - 40
I - 300 x 300	24	660	143	65,659	158	40 - 45
I - 300 x 300	26	660 *	150	66,240	158	40 - 45
I - 350 x 350	29	808	166	112,245	194	50 - 55
I - 350 x 350	30	880 *	168	121,808	211	50 - 60
I - 350 x 370	25	880	168	121,808	211	50 - 60
I - 400 x 400	25	1,240	180	206,692	298	55 - 80
I - 400 x 400	27	1,240 *	197	209,823	298	55 - 80
I - 450 x 450	28	1,455	219	323,811	349	70 - 100
I - 450 x 450	28	1,549 *	222	336,443	372	70 - 100
I - 500 x 500	24	1,950	245	515,771	468	80 - 120

**Remarks:** Recommended safe loads depend on soil conditions and total length of pile.  
Piles can be manufactured in single lengths or sectional welded lengths.  
(\* ) These designs conform to TIS 396 - 2549 (2006).  
All other designs per PACO specifications or designer specifications.