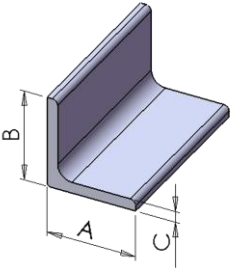
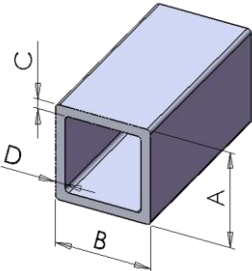
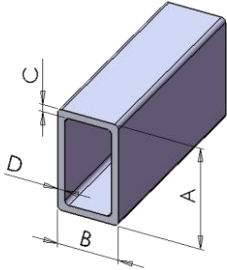
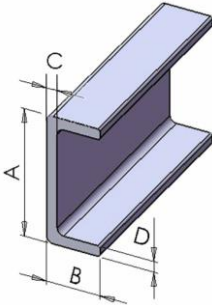
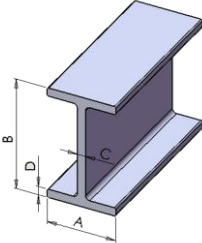
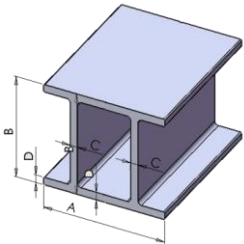
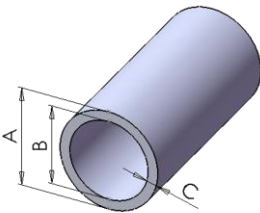
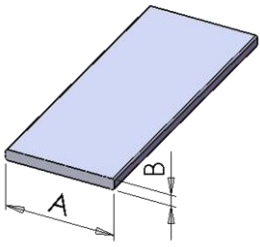
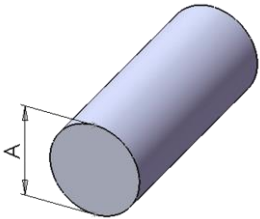
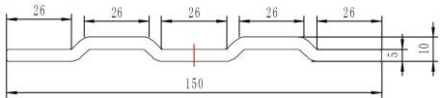
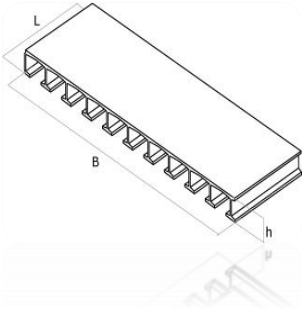




# composites Saimex Pultrusion Technology

## STANDARD PULTRUDED 2019

ANGLE	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	29	29	4	1	215,732	0,41	16601	16601
	40	40	4	1	304	0,58	46019	46019
	50	50	5	1	475,858	0,9	112331	112331
	50,8	50,8	6,35	1	605,696	1,15	144468	144468
	75	75	4	1	586,361	1,11	324977	324977
	75	75	6	1	864	1,64	468426	468426
	75	75	8	1	1183	2,20		
	76	76	9,5	1	1355,467	2,58	723498	723498
	76,2	76,2	6,35	1	927,203	1,76	517103	517103
	101,6	101,6	6,35	1	1203	2,24		
	150	150	5	1	1505	2,80		
	152,4	152,4	9,5	1	2871	5,34		
SQUARE & RECTANGULAR TUBE	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	25,4	25,4	3,2	3,2	277,29	0,53	22779	22779
	38	38	2,5	2,5	366	0,68		
	38	38	4	4	541,43	1,03	105266	105266
	41,4	41,4	4,2	4,2	640	1,19		
	50	50	5	5	897,43	1,71	305765	305765
	62,2	62,2	6,4	6,4	1325,19	2,52	658755	658755
	75	75	6	6	1669,95	3,17	1335435	1335435
	75	75	8	8	2154,3	4,09	1633471	1633471
	75	75	9	9	2430	4,52		
	76	76	6,35	6,35	1784,49	3,39	1462858	1462858
	80	80	6	6	1728,79	3,28	1559790	1559790
	90	90	4	4	1386,3	2,63	1715103	1715103
	100	100	8	8	2933,7	5,57	4157006	4157006
	101,6	101,6	6,35	6,35	2468	4,59		
	120	120	5	5	2282,83	4,34	5013008	5013008
	120	120	8	8	3556,53	6,76	7433349	7433349
	150	150	8	8	4502,8	8,56	15084766	15084766
		42	20	2	2	237	0,44	
50		25	4	4	536	1,02	154839	47633
70		26	3	3	554	1,03		
80		50	5	5	1226	2,28		
85		25	4	4	833	1,55		
117,5		92,1	4,8	4,8	1862,31	3,54	3620803	2482784
117,5		92,1	9,5	9,5	3563,71	6,77	6426262	4318391
120		170	5	5	2860	5,32		
150		100	6	6	3716,53	7,06	11128867	5813786
190,5		101,6	9,5	9,5	5301	9,86		
228		152	6	6	4314,69	8,2	31364796	16832250

CHANNEL	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	50	30	5	5	495,82	0,94	176186,56	41141,65
	60	50	5	5	755,15	1,43	433744,91	189488,58
	70	26	4	4	387,99	0,74	279044,34	24276,27
	90	45	5	5	854,94	1,62	1033792,5	161343,02
	100	30	6	6	909	1,69		
	100	35	5	5	797	1,51	1085137,9	80541,03
	100	50	6	6	1133,15	2,15	1676484,5	262588,63
	110	60	10	10	2063,09	3,92	3509043,8	675179,42
	114,3	63,5	3,2	3,2	769	1,43		
	139,7	38,1	4,76	4,76	1005	1,87		
	140	45	5	5	1104,94	2,1	2985608	183384,94
	150	40	10	10	2091,42	3,97	5701531,6	227536,1
	150	50	6	6	1433,15	2,72	4448551,2	295828,27
	200	50	10	10	2791,42	5,3	13796871	478647
	250	70	12	12	4383,42	8,33	35202933	1587213
	340	70	10	10	4590,56	8,72	65144239	1469722
I-BEAM	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	15	25	4	4	215	0,40		
	15	38	4	4	263	0,49		
	25,4/15	50,8	4,2	4,2	371	0,69		
	50,8	50,8	4,2	4,2	606,87	1,15	259657	90967
	100	202	10	10	4011	7,46		
	125	250	12	12	5833,894	11,08	55547304	3941855
T-BEAM	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	50,8	101,6	6,35	6,35	0			
	76,2	152,4	6,35	6,35	0			
	76,2	152,4	9,525	9,525	0			
	75	150	6	6	0			
DOUBLE FLANGE BEAM	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	240	220	13	13	11699	21,76		
					0			
ROUND TUBE	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	19	14	2,5	1	129,41	0,25	4502,04	4502,04
	25,4	18,4	3,5	1	240,8	0,46	14779,2	14779,2
	30	24	3	1	254,47	0,48	23440,71	23440,71
	35	29	3	1	301,59	0,57	38897,02	38897,02
	39	34	2,5	1				
	45	35	5	1	628,32	1,19	127505,33	127505,33
	50	42	4	1	578,05	1,1	153915,18	153915,18
	60	44	8	1	1306,9	2,48	451851,49	451851,49
	75	67	4	1	892,21	1,7	563694,05	563694,05
	160	150	5	1	2434,73	4,63	7317349,4	7317349,4

FLATE / PLATE	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
	A	B	C	D			I <sub>x</sub> (mm <sup>4</sup> )	I <sub>y</sub> (mm <sup>4</sup> )
	10	5			50	0,10		
	50	3			149,785	0,28	112,084	31117,055
	50	8			399,142	0,76	2121,059	82806,317
	140	5			698,069	1,33	1449,128	1133959,3
	200	12			2399,142	4,56	28771,324	7991453,8
	101,6	12,7			1290,32	2,45		
	101,6	6,35			645,16	1,21		
ROUND ROD	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
A	B	C	D	I <sub>x</sub> (mm <sup>4</sup> )			I <sub>y</sub> (mm <sup>4</sup> )	
	*5				19,625	0,037		
	*10				75,5	0,149		
	14				153,86	0,292		
	19				283,385	0,538		
	25				490,625	0,932		
	30				706,5	1,342		
KICK PLATE	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
				I <sub>x</sub> (mm <sup>4</sup> )			I <sub>y</sub> (mm <sup>4</sup> )	
	150	10	5		801	1,49		
DECK SYSTEM HD	Size (mm)				Section area (mm <sup>2</sup> )	Weight (kg/m)	Inertia	
B	L	H		I <sub>x</sub> (mm <sup>4</sup> )			I <sub>y</sub> (mm <sup>4</sup> )	
	500		40		2989,4	5,68	408854	78159165
	<b>ANTISLIP</b>							

<b>COMPOSITE FOOT</b>	<b>Size (mm)</b>			
	50 x 50			
<b>CONNECTORS</b>	<b>Size (mm)</b>			
	50 x 50			
<p>SAIMEX S.r.l. - Via Santino De Nova, 34/E - 20831 Seregno (MB) - T +39 0362 1572572 - F +39 0362 325458 - M info@saimex.it - W www.saimex.it</p>				