

Table 1

Stacker Collatz run from 1 - 16 steps				53	1 type	decend		
				15	0 type	ascend		
x	n=2*x-1	max tower y reached by this creation step	creation step	x mod 2	x mod 4	x mod 8	x,n=2*x-1,max tower y reached by this creation step,creation step,x mod 2,x mod 4,x mod 8	
1	1	16	0	1	1	1	1,1,16,0,1,1,1	
3	5	12	4	1	3	3	3,5,12,4,1,3,3	
2	3	11	5	0	2	2	2,3,11,5,0,2,2	
11	21	10	6	1	3	3	11,21,10,6,1,3,3	
7	13	9	7	1	3	7	7,13,9,7,1,3,7	
43	85	8	8	1	3	3	43,85,8,8,1,3,3	
27	53	7	9	1	3	3	27,53,7,9,1,3,3	
9	17	7	9	1	1	1	9,17,7,9,1,1,1	
171	341	6	10	1	3	3	171,341,6,10,1,3,3	
57	113	6	10	1	1	1	57,113,6,10,1,1,1	
18	35	6	10	0	2	2	18,35,6,10,0,2,2	
6	11	6	10	0	2	6	6,11,6,10,0,2,6	
107	213	5	11	1	3	3	107,213,5,11,1,3,3	
35	69	5	11	1	3	3	35,69,5,11,1,3,3	
114	227	5	11	0	2	2	114,227,5,11,0,2,2	
38	75	5	11	0	2	6	38,75,5,11,0,2,6	
12	23	5	11	0	0	4	12,23,5,11,0,0,4	
4	7	5	11	0	0	4	4,7,5,11,0,0,4	
683	1365	4	12	1	3	3	683,1365,4,12,1,3,3	
227	453	4	12	1	3	3	227,453,4,12,1,3,3	
71	141	4	12	1	3	7	71,141,4,12,1,3,7	
23	45	4	12	1	3	7	23,45,4,12,1,3,7	
76	151	4	12	0	0	4	76,151,4,12,0,0,4	
8	15	4	12	0	0	0	8,15,4,12,0,0,0	
427	853	3	13	1	3	3	427,853,3,13,1,3,3	
139	277	3	13	1	3	3	139,277,3,13,1,3,3	
455	909	3	13	1	3	7	455,909,3,13,1,3,7	
151	301	3	13	1	3	7	151,301,3,13,1,3,7	
47	93	3	13	1	3	7	47,93,3,13,1,3,7	
15	29	3	13	1	3	7	15,29,3,13,1,3,7	
5	9	3	13	1	1	5	5,9,3,13,1,1,5	
2731	5461	2	14	1	3	3	2731,5461,2,14,1,3,3	
907	1813	2	14	1	3	3	907,1813,2,14,1,3,3	
283	565	2	14	1	3	3	283,565,2,14,1,3,3	
91	181	2	14	1	3	3	91,181,2,14,1,3,3	
303	605	2	14	1	3	7	303,605,2,14,1,3,7	
31	61	2	14	1	3	7	31,61,2,14,1,3,7	
101	201	2	14	1	1	5	101,201,2,14,1,1,5	
10	19	2	14	0	2	2	10,19,2,14,0,2,2	
1707	3413	1	15	1	3	3	1707,3413,1,15,1,3,3	
555	1109	1	15	1	3	3	555,1109,1,15,1,3,3	
1819	3637	1	15	1	3	3	1819,3637,1,15,1,3,3	
603	1205	1	15	1	3	3	603,1205,1,15,1,3,3	
187	373	1	15	1	3	3	187,373,1,15,1,3,3	
59	117	1	15	1	3	3	59,117,1,15,1,3,3	
19	37	1	15	1	3	3	19,37,1,15,1,3,3	
569	1137	1	15	1	1	1	569,1137,1,15,1,1,1	
185	369	1	15	1	1	1	185,369,1,15,1,1,1	
201	401	1	15	1	1	1	201,401,1,15,1,1,1	
202	403	1	15	0	2	2	202,403,1,15,0,2,2	
10923	21845	0	16	1	3	3	10923,21845,0,16,1,3,3	
3627	7253	0	16	1	3	3	3627,7253,0,16,1,3,3	
1131	2261	0	16	1	3	3	1131,2261,0,16,1,3,3	
363	725	0	16	1	3	3	363,725,0,16,1,3,3	
1211	2421	0	16	1	3	3	1211,2421,0,16,1,3,3	

Stacker Collatz				53	1 type	decend		
				15	0 type	ascend		
x	n=2*x-1	max tower y reached by this creation step	creation step	x mod 2	x mod 4	x mod 8	x,n=2*x-1,max tower y reached by this creation step,creation step,x mod 2,x mod 4,x mod 8	
123	245	0	16	1	3	3	123,245,0,16,1,3,3	
403	805	0	16	1	3	3	403,805,0,16,1,3,3	
39	77	0	16	1	3	7	39,77,0,16,1,3,7	
3641	7281	0	16	1	1	1	3641,7281,0,16,1,1,1	
1209	2417	0	16	1	1	1	1209,2417,0,16,1,1,1	
377	753	0	16	1	1	1	377,753,0,16,1,1,1	
121	241	0	16	1	1	1	121,241,0,16,1,1,1	
41	81	0	16	1	1	1	41,81,0,16,1,1,1	
13	25	0	16	1	1	5	13,25,0,16,1,1,5	
1138	2275	0	16	0	2	2	1138,2275,0,16,0,2,2	
370	739	0	16	0	2	2	370,739,0,16,0,2,2	
402	803	0	16	0	2	2	402,803,0,16,0,2,2	
134	267	0	16	0	2	6	134,267,0,16,0,2,6	