

Table 1: Performance of the planners\* in task (unstack\_stack ?pile1 ?pile2), in the *stripped tower* domain.

Problem	Total time (s)		Memory (MB)		Developed states		Plan length	
	Mp	SBP	Mp	SBP	Mp	SBP	Mp	SBP
p10	0.30	0.23	83.4	8.4	3455	<b>152</b>	76	76
p12	0.31	0.31	91.9	11.0	2304	<b>198</b>	91	92
p14	1.25	0.44	211.8	14.1	5093	<b>248</b>	108	107
p16	1.32	0.61	233.0	17.9	3675	<b>305</b>	123	124
p18	1.62	0.83	269.4	22.9	4889	<b>365</b>	140	139
p20	1.56	0.98	263.7	23.6	2498	<b>356</b>	156	156
p22	4.21	1.14	571.5	27.1	6244	<b>387</b>	171	172
p24	4.12	1.37	563.5	30.0	4462	<b>423</b>	188	188
p26	4.78	1.68	586.1	34.4	4133	<b>464</b>	204	204
p28	11.0	2.05	1.2k	39.3	12485	<b>510</b>	220	220
p30	13.5	2.57	1.4k	43.6	13106	<b>561</b>	235	236
p32	20.6	3.16	2.1k	50.0	15367	<b>617</b>	251	252
p34	21.0	3.97	2.0k	55.8	10645	<b>678</b>	267	268
p36	37.9	5.15	2.7k	63.8	19213	<b>744</b>	284	284
p38	33.9	6.55	2.7k	72.4	12353	<b>815</b>	299	300
p40	42.7	8.84	2.8k	82.1	14503	<b>914</b>	316	316
p42	58.5	11.3	3.0k	93.7	18362	<b>1000</b>	332	332
p44	—	15.3	—	105.0	—	<b>1091</b>	—	348
p46	—	19.1	—	119.2	—	<b>1187</b>	—	364
p48	—	24.7	—	137.4	—	<b>1288</b>	—	380
p50	—	32.5	—	149.6	—	<b>1394</b>	—	396

\* Mp (MADAGASCAR), SBP (Schema-Based Planner). FF failed to solve problems in this class of problems. The outperformed results in terms of the developed nodes are shown in bold.