

Instance	MIP			ALNS (averaged over 20 runs)	
	Objective	Best Bound	Computation Time [s]	Objective	Computation Time [s]
001_157_25_10_7	5722	5626.10	43200.0	6085.4	300.0
002_159_25_10_7	5832	5743.13	43200.0	6071.3	300.0
003_170_25_10_7	9358	8704.87	43200.1	10319.0	300.0
004_175_30_10_7	8024222	8642.98	43200.0	13605.4	300.0
005_184_30_16_7	1006758	6437.56	43200.0	7107.5	300.0
006_188_30_13_7	7881	7341.40	43200.0	8148.2	300.0
007_189_30_15_7	1006684	6459.39	43200.0	7224.5	300.0
008_249_40_19_7	15399	11464.16	43200.1	15195.5	300.0
009_255_40_17_7	9565	8739.07	43200.1	10010.4	300.0
010_275_40_18_7	9732	9324.35	43200.0	10185.8	300.0
011_318_50_25_7	2018500	13890.14	43200.0	19908.3	300.0
012_320_50_24_7	12216	11226.12	43200.0	12634.7	300.0
013_327_50_25_7	11720	10838.33	43200.0	11822.9	300.0
014_395_60_25_7	11021791	17590.64	43200.0	23871.0	300.0
015_397_60_20_7	15623	13547.76	43200.1	16537.3	300.0
016_148_25_10_7	7947	7629.43	43200.0	8389.6	300.0
017_154_25_10_7	5058	4990.96	43200.0	5309.2	300.0
018_156_25_10_7	5846	5781.99	43200.0	6075.9	300.0
019_172_30_15_7	5954	5794.08	43200.1	6144.7	300.0
020_182_30_13_7	6962	6619.14	43200.1	7175.5	300.0
021-183_31_10_7	10799	9631.92	43200.1	11315.1	300.0
022_192_30_16_7	6945	6556.91	43200.1	7354.7	300.0
023_257_40_19_7	1013493	11850.76	43200.0	14692.6	300.0
024_271_40_18_7	24514	9086.12	43200.1	10144.0	300.0
025_271_40_17_7	13025344	9503.59	43200.1	10763.5	300.0
026_312_50_25_7	2031909	14402.77	43201.6	18242.1	300.0
027_318_50_24_7	13466	11522.91	43200.1	13757.4	300.0
028_329_50_25_7	11537	10925.65	43200.0	11993.2	300.0
029_372_60_25_7	23620	16804.33	43200.3	23708.6	300.0
030_388_60_20_7	3029856	13442.80	43200.0	15722.1	300.0
031_289_25_10_14	11373	10935.69	43200.1	12790.4	300.0

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t001-5_6_2_1	328	328.00	0.1	328.0	300.0
t002-7_6_2_1	380	380.00	0.2	380.0	300.0
t003-10_11_2_1	473	473.00	9.3	476.5	300.0
t004-10_10_2_1	749	749.00	7.6	749.0	300.0
t005-12_11_3_2	657	657.00	70.2	658.5	300.0
t006-11_11_2_1	586	586.00	4.6	586.0	300.0
t007-16_5_3_3	1207	1207.00	0.4	1207.0	300.0
t008-10_10_4_1	624	624.00	1.0	624.0	300.0
t009-11_11_3_1	540	540.00	1.4	540.0	300.0
t010-11_11_4_1	637	637.00	36.6	637.0	300.0
t011-10_11_2_1	591	591.00	15.5	591.0	300.0
t012-15_11_3_2	708	708.00	4701.7	711.8	300.0
t013-13_11_2_1	516	516.00	733.1	516.0	300.0
t014-19_10_4_2	1313	1313.00	0.7	1313.0	300.0
t015-16_16_3_1	846	846.00	12258.1	888.3	300.0
t016-28_15_4_2	1565	1534.93	43200.0	1570.0	300.0
t017-40_6_3_8	2411	2386.00	43200.0	2411.0	300.0
t018-27_11_3_3	1325	1325.00	39684.3	1325.3	300.0
t019-16_16_3_1	930	843.08	43200.0	932.0	300.0
t020-21_21_4_1	902	862.54	43200.0	902.8	300.0
t021-22_13_4_2	884	858.28	43200.0	888.4	300.0
t022-20_16_4_2	1038	992.17	43200.0	1038.0	300.0
t023-47_15_4_3	2669	2530.38	43200.0	2671.7	300.0
t024-43_16_3_3	2332	2163.09	43200.0	2407.9	300.0
t025-64_11_4_7	2520	2343.33	43200.0	2582.7	300.0
t026-168_7_6_14	9940	8998.67	43200.0	9953.1	300.0
t027-53_21_4_3	2002591	2289.56	43200.0	2801.3	300.0
t028-300_11_6_15	14065	12104.60	43200.1	16298.5	300.0
t029-60_11_5_3	3284	2819.63	43200.0	3363.8	300.0
t030-21_21_4_1	1406	1291.20	43200.0	1407.2	300.0
t031-361_30_17_14	12986	12298.08	43200.2	14160.6	300.0

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t032-320_25_14_14	11495	11145.89	43200.1	12642.2	300.0
t033-409_30_20_14	15080	14261.49	43200.2	16714.3	300.0
t034-486_40_20_14	32514	16548.27	43200.1	19177.8	300.0
t035-681_50_26_14	54080	22425.33	43200.1	26086.1	300.0
t036-126_20_6_7	5035	4829.76	43200.1	5347.5	300.0
t037-378_30_9_14	3015968	14138.46	43200.1	17098.8	300.0
t038-640_50_27_14	53211	21512.14	43201.3	25167.2	300.0
t039-525_40_21_14	21158	18709.80	43200.1	22437.7	300.0
t040-768_60_28_14	45321	25943.40	43200.8	32476.8	300.0
t041-319_25_13_14	17644	16527.18	43200.1	19814.3	300.0
t042-392_30_17_14	24184	19703.05	43200.0	25346.5	300.0
t043-484_40_22_14	26532	22293.23	43200.0	29117.6	300.0
t044-614_50_27_14	65069	28022.85	43200.1	38225.7	300.0
t045-744_60_33_14	40653	32322.21	43201.1	44073.3	300.0
t046-372_30_17_14	12959	12399.45	43200.0	13772.1	300.0
t047-293_25_14_14	10175	9966.12	43200.1	11128.8	300.0
t048-373_30_20_14	12737	12229.22	43200.2	14650.8	300.0
t049-501_40_20_14	17806	16846.30	43200.1	18968.7	300.0
t050-624_50_26_14	24261	21001.23	43200.1	25035.9	300.0
t051-126_20_6_7	5646	4670.50	43200.0	2005678.2	300.0
t052-375_31_9_14	15281	13767.70	43200.1	16496.4	300.0
t053-647_50_27_14	69352	22598.36	43200.1	26970.7	300.0
t054-510_40_21_14	19402	17140.17	43200.0	20912.6	300.0
t055-741_60_28_14	57687	25154.24	43200.2	29832.1	300.0
t056-306_25_13_14	1018379	15893.93	43200.1	19469.8	300.0
t057-392_30_17_14	21403	19013.93	43200.1	23675.2	300.0
t058-499_40_22_14	43685	23227.71	43200.1	31003.3	300.0
t059-617_50_27_14	6035461	28122.62	43200.1	38351.8	300.0
t060-766_60_33_14	40531	31957.66	43201.1	43046.5	300.0
t061-300_26_10_14	16675	14696.81	43200.1	19587.5	300.0
t062-349_31_10_14	18048739	18101.06	43200.0	1828293.8	300.0

