

序号	The number of containers	CPLEX			C		
		T	time of AGV	energy consumption of AGV	the time of AYC	energy of AYC	total energy
1	8	3.34	568	2.761111111	146	0.9125	3.6736111
2	9	6.59	593	2.882638889	164	1.025	3.9076389
3	10	10.25	711	3.45625	235.9	1.474375	4.930625
4	15	104.56	839	4.078472222	593.2	3.7075	7.7859722
5	20	454.63	1018	4.948611111	641	4.00625	8.9548611
6	25	637.53	1203	5.847916667	683.4	4.27125	10.119167
7	30	800.29	1302	6.329166667	834.6	5.21625	11.545417
8	40	3844	1531	7.442361111	932.5	5.828125	13.270486
9	50	-	-	-	-	-	-
10	100	-	-	-	-	-	-

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	time of AGV	energy of AGV	time of AYC	energy of AYC	total energy	DOV
4.56	588	2.858333	146	0.9125	3.770833	0.025782689
5.59	611	2.970139	164.5	1.028125	3.998264	0.022666088
5.14	756	3.675	236	1.475	5.15	0.042597087
6.54	885	4.302083	523.9	3.274375	7.576458	-0.027653275
27	1035	5.03125	614	3.8375	8.86875	-0.009709498
37.8	1201	5.838194	634.8	3.9675	9.805694	-0.031968386
48.5	1578	7.670833	684.3	4.276875	11.94771	0.033671032
196	1810	8.798611	823.5	5.146875	13.94549	0.048402759
241	2015	9.795139	1053.1	6.581875	16.37701	#VALUE!
700	3026	14.70972	2275.3	14.220625	28.93035	#VALUE!

number	data	time	time of AGV	energy of AGV	time of AYC	energy of AYC	total energy
11	7/7/150	14.38	3066	14.904167	3572.2	22.32625	37.23041667
12	7/8/150	12.85	2847	13.839583	3722.5	23.26563	37.10520833
13	7/7/200	17.27	3808	18.511111	4756.9	29.73063	48.24173611
14	8/7/200	16.84	3537	17.19375	4569.7	28.56063	45.754375
15	8/8/250	18.79	3206	15.584722	4697.5	29.35938	44.94409722
16	9/7/250	18.93	2928	14.233333	5467.9	34.17438	48.40770833
17	9/8/300	23.65	4523	21.986806	5679.4	35.49625	57.48305556
18	10/7/300	20.54	4420	21.486111	5974.6	37.34125	58.82736111
19	9/8/400	25.49	5086	24.723611	6457.9	40.36188	65.08548611
20	10/8/400	26.83	4668	22.691667	6975.4	43.59625	66.28791667