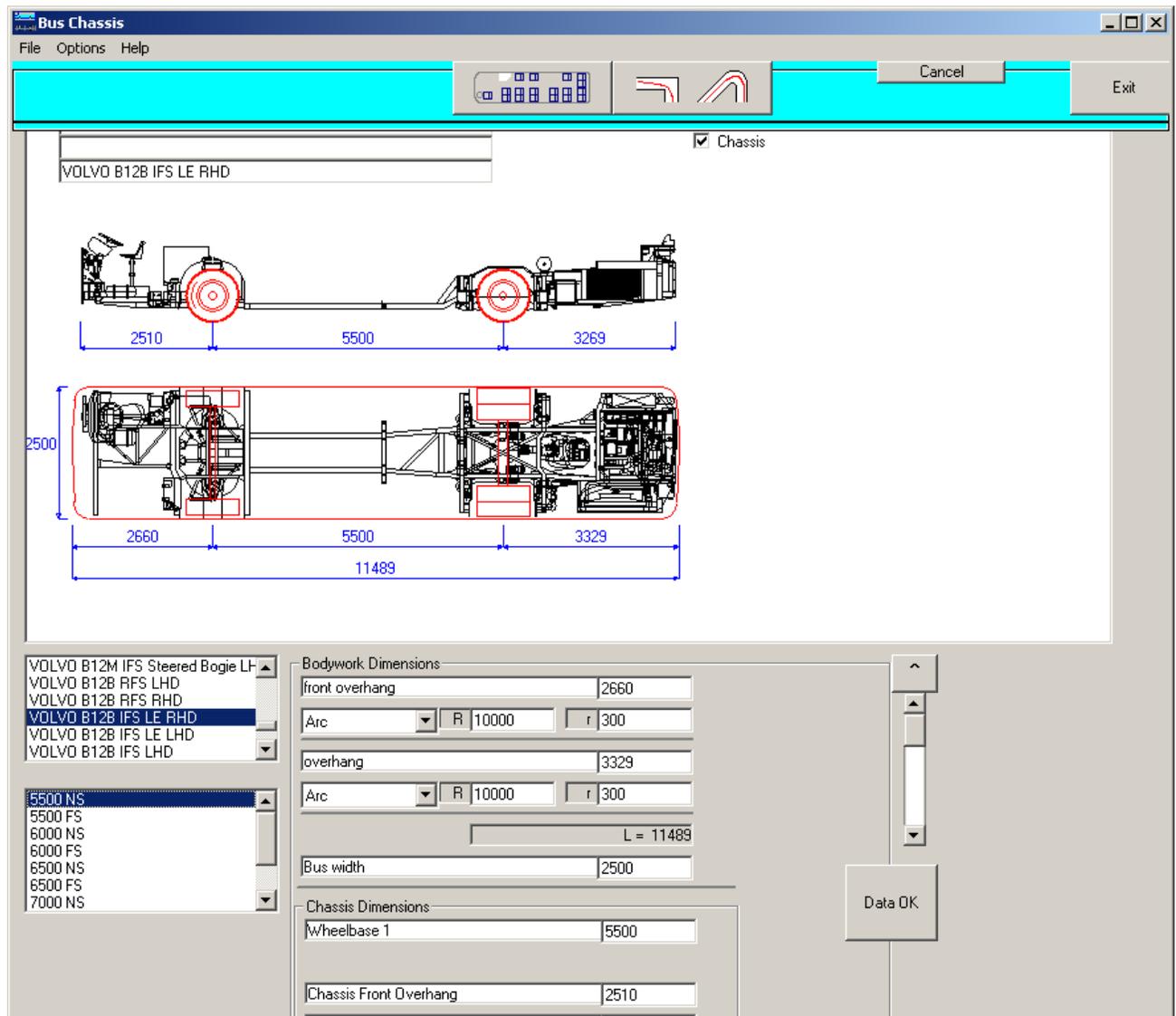# BusWIN_Seating plan

A new program version for big buses and small buses
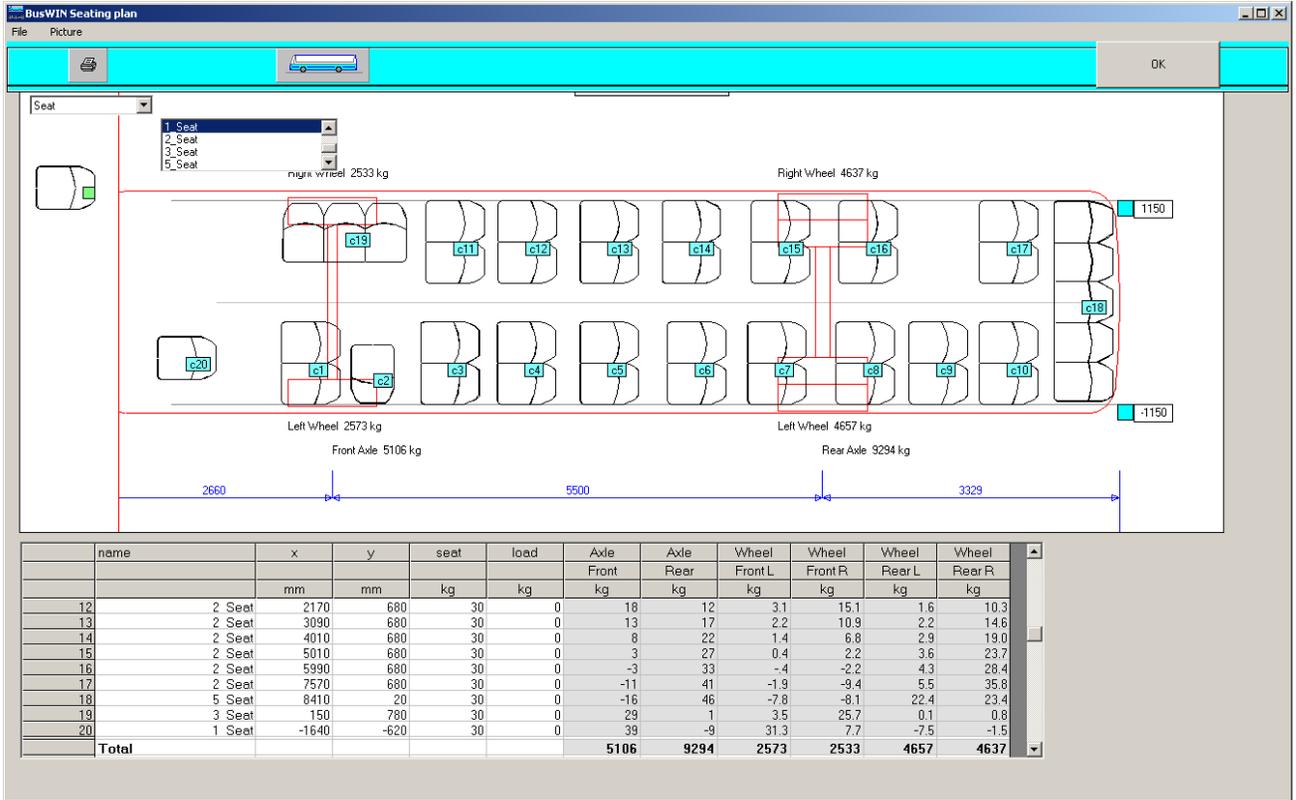
Program for drawing Bus Seating plan and Bus axle load calculations
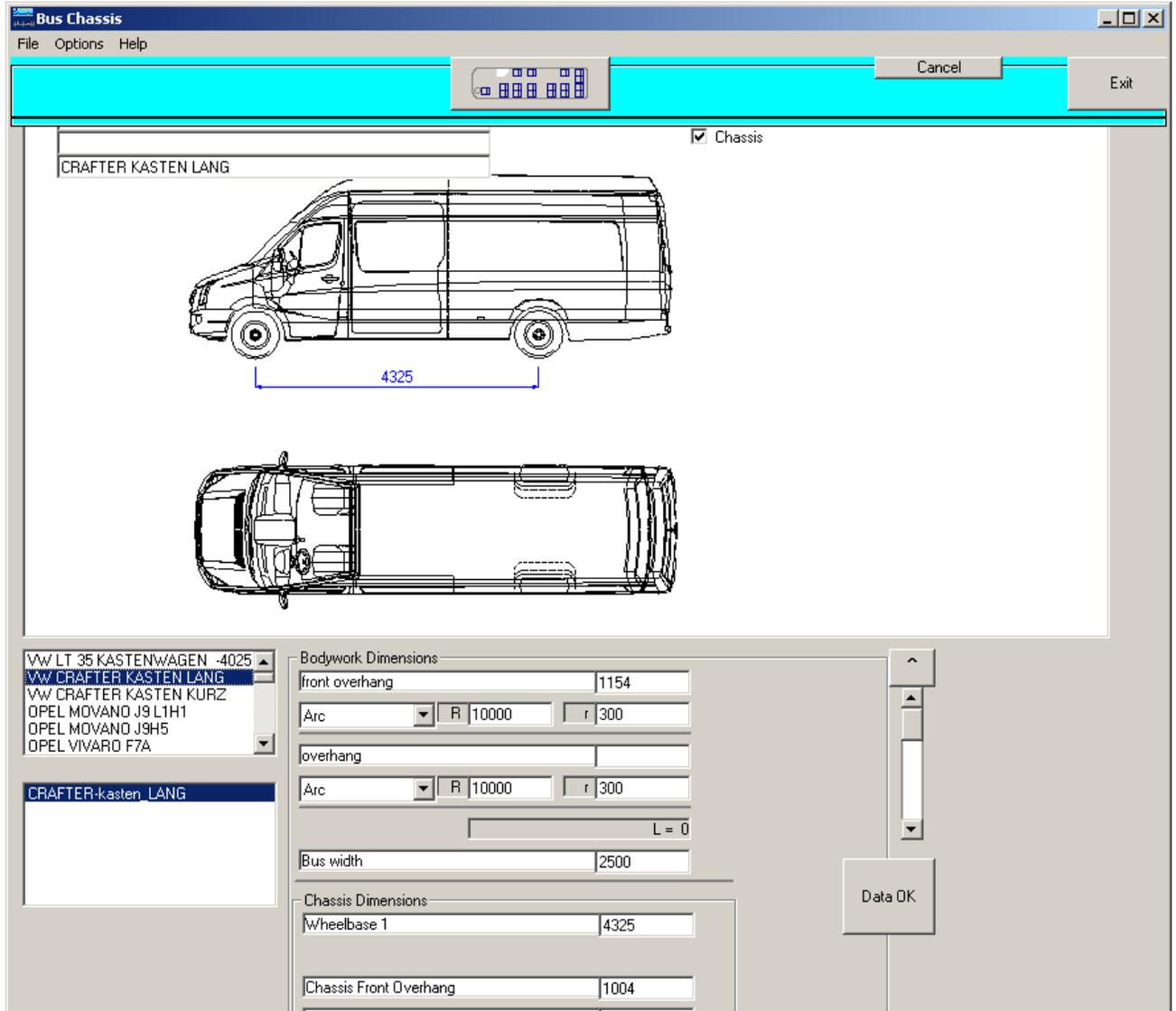
Choosing the chassis.

In BusWIN it is possible add seats and other components by dragging with mouse.

BusWIN program calculates axle loads and also the wheel loads.

BusWIN Seating plan

File   Picture

OK

Seat

1_Seat
2_Seat
3_Seat
5_Seat

Right Wheel 2533 kg   Right Wheel 4637 kg

1150

c19

c11   c12   c13   c14   c15   c16   c17

c18

c20

c1   c2   c3   c4   c5   c6   c7   c8   c9   c10

-1150

Left Wheel 2573 kg   Left Wheel 4657 kg

Front Axle 5106 kg   Rear Axle 9294 kg

2660   5500   3329

	name	x	y	seat	load	Axle Front	Axle Rear	Wheel Front L	Wheel Front R	Wheel Rear L	Wheel Rear R	
		mm	mm	kg	kg	kg	kg	kg	kg	kg	kg	
12	2 Seat	2170	680	30	0	18	12	3.1	15.1	1.6	10.3	
13	2 Seat	3090	680	30	0	13	17	2.2	10.9	2.2	14.6	
14	2 Seat	4010	680	30	0	8	22	1.4	6.8	2.9	19.0	
15	2 Seat	5010	680	30	0	3	27	0.4	2.2	3.6	23.7	
16	2 Seat	5990	680	30	0	-3	33	-.4	-2.2	4.3	28.4	
17	2 Seat	7570	680	30	0	-11	41	-1.9	-9.4	5.5	35.8	
18	5 Seat	8410	20	30	0	-16	46	-7.8	-8.1	22.4	23.4	
19	3 Seat	150	780	30	0	29	1	3.5	25.7	0.1	0.8	
20	1 Seat	-1640	-620	30	0	39	-9	31.3	7.7	-7.5	-1.5	
	Total					5106	9294	2573	2533	4657	4637	

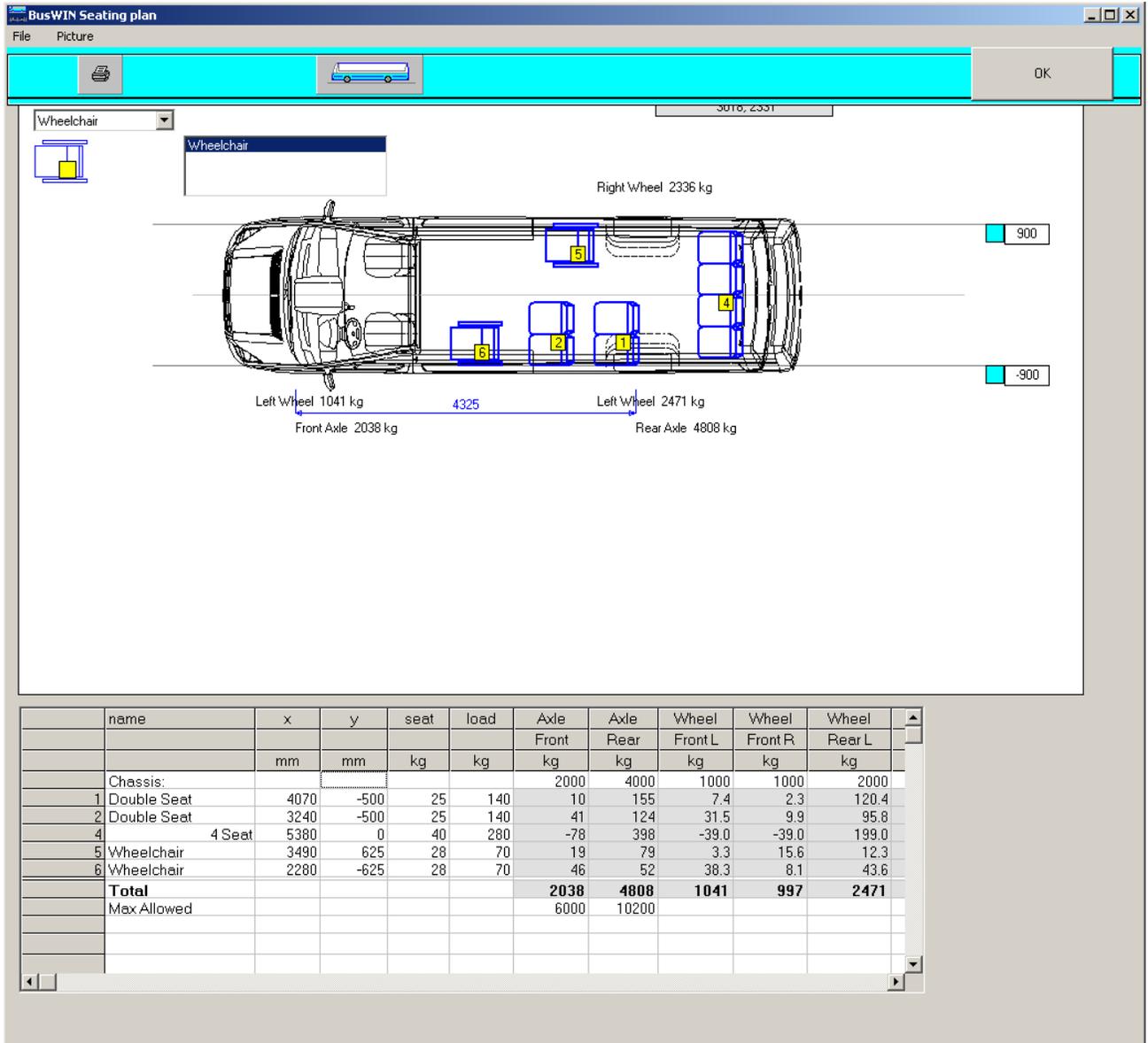## *Seating plan and axle load calculations for small buses:*

Choosing the chassis.

It is possible to add seats and other components by dragging with mouse.

BusWIN program calculates axle loads and also the wheel loads.

	name	x	y	seat	load	Axle Front	Axle Rear	Wheel Front L
		mm	mm	kg	kg	kg	kg	kg
	Chassis:					2000	4000	1000
1	Double Seat	4070	-500	25	140	10	155	7.4
2	Double Seat	3240	-500	25	140	41	124	31.5
3	Double Seat	2510	-500	25	140	69	96	52.7
4	4 Seat	5380	0	40	280	-78	398	-39.0
	Total					**2042**	**4773**	**1053**
	Max Allowed					6000	10200	

	name	x	y	seat	load	Axle	Axle	Wheel	Wheel	Wheel
						Front	Rear	Front L	Front R	Rear L
		mm	mm	kg	kg	kg	kg	kg	kg	kg
	Chassis:					2000	4000	1000	1000	2000
1	Double Seat	4070	-500	25	140	10	155	7.4	2.3	120.4
2	Double Seat	3240	-500	25	140	41	124	31.5	9.9	95.8
4	4 Seat	5380	0	40	280	-78	398	-39.0	-39.0	199.0
5	Wheelchair	3490	625	28	70	19	79	3.3	15.6	12.3
6	Wheelchair	2280	-625	28	70	46	52	38.3	8.1	43.6
	Total					**2038**	**4808**	**1041**	**997**	**2471**
	Max Allowed					6000	10200			

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