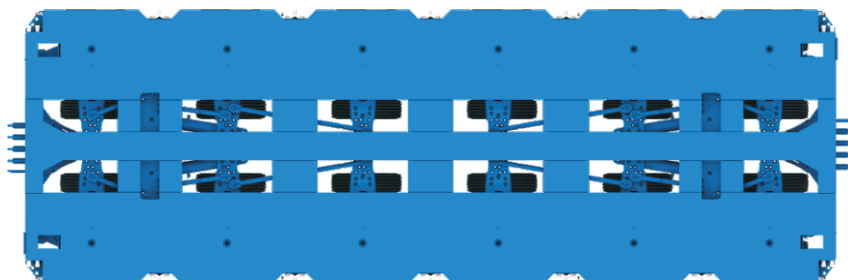
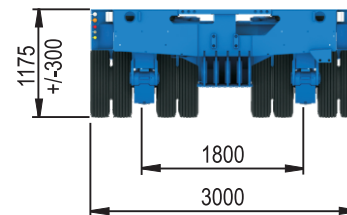
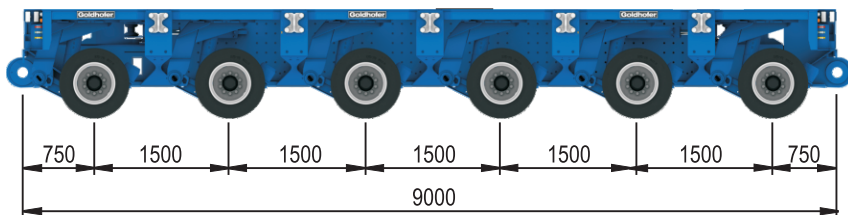


Heavy-Duty Module

Technical Data Sheet:

- longitudinally and laterally combinable bogie module
- box-shaped center frame with integrated air and hydraulic oil tanks
- high point load capacity on center frame and closed chassis outer fields
- in front and at rear bolt-ear-coupling for longitudinal combinations
- pendular wheelsets mounted onto the chassis by means of ball bearing slewing rings
- tires 215/75 R 17.5 (8 per axle line)
- hydraulic axle stroke ± 300 mm
- hydro-pneumatic gas accumulator suspension
- hose rupture safety valves on all wheelsets
- hydro-mechanic two-circuit all-wheel force steering integrated into the chassis
- maximum steering angle $\pm 55^\circ$ in all driving heights
- counter-steering with two pairs of steering cylinders integrated into the chassis
- two-line all-wheel air brake and spring-loaded parking brake
- complete fourfold piping for optimum module combinability



Speed (km/h)	Axle load (kg)	Net weight (kg)	Payload (kg)
0,5	45.000	19.800	250.200
1	42.200	19.800	233.400
5	36.600	19.800	199.800
10	31.400	19.800	168.600
20	26.100	19.800	136.800
30	21.800	19.800	111.000
40	20.000	19.800	100.200
45	18.600	19.800	91.800
50	18.400	19.800	90.600
62	18.000	19.800	88.200
80	16.400	19.800	78.600