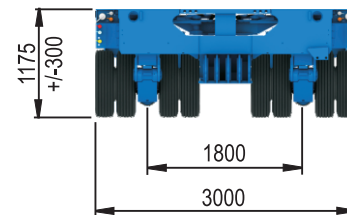
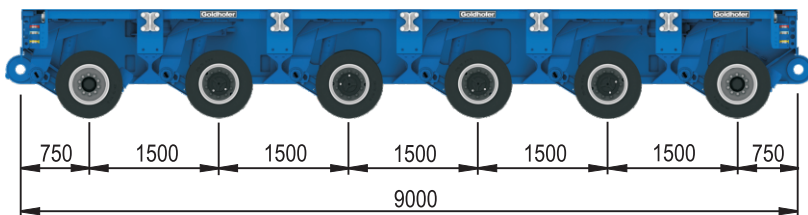


Heavy-Duty Module

Technical Data Sheet:

- longitudinally and laterally combinable bogie module
- box-shaped center frame with integrated air 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
- hydrostatic drive integrated into the wheel set
- 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 +/- 55° 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)	Tractive force (kN)
0,5	45.000	23.400	246.600	640
1	42.200	23.400	229.800	640
5	36.600	23.400	196.200	640
10	31.400	23.400	165.000	640
15	28.700	23.400	148.800	640