

# Bank on our expertise in running gear.

## The right air suspension for every application.

Trailers and semitrailers are designed for the widest possible range of uses. It is necessary to take account of the intended cargo and the possible road conditions right from the development phase of the vehicle. Whether it's a platform semitrailer for long-distance European haulage or a tipping trailer in a quarry: every application demands the right air suspension. Contact your BPW partner. By talking together, we can find the optimum solution for your requirements.

### Recommended uses for BPW air suspension units

Axle load	Air suspension series	Tyres	Spring centre	Trailing arm		Hanger bracket	Shock absorber	Bag	Axle beam	Integration	Remarks
				70 mm	100 mm						
<b>Standard Western Europe or on-road application</b>											
9 t	AL II	S	≥ 1200	1x 56		Standard	Standard	Ø 300/ Ø 360	120 x 10	Clamped	In container and steel strip vehicles in the form of catch straps or rapid venting
		Z	< 1200	1x 62					120 x 15		
10 t	SL	S	≥ 1100		1x 57 2x 43	Standard/ HD	Standard	Ø 360	120 x 15 150 x 10	Clamped	
12 t		Z	< 1100						150 x 16		
<b>Mega trailer</b>											
9t/10t	SL	S/Z			1x 58 / 1x 60	Standard	Standard	Ø 360*	120 x 10	Clamped	* = Long-stroke bag 36-1
<b>Eastern Europe or comparable application conditions</b>											
9 t	AL II	S	≥ 1200	1x 62		Standard	HD	Ø 360 with reinforced disc	120 x 15	Clamped	
		Z	< 1200	HD		150 x 16					
10 t	SL	S/Z			1x 57 2x 43	HD	HD		150 x 16	Clamped	
<b>Tipper, Western Europe, light duty</b>											
9 t	AL II	S	≥ 1200	1x 62		Standard	Standard	Ø 300/ Ø 360 with reinforced disc	120 x 15	Clamped	Catch straps or rapid venting
<b>Tipper, ultra-heavy-duty (e.g. towed by AWD vehicle)</b>											
9 t	SL	S	≥ 1200		1x 57 2x 43	Standard/ HD	Standard	Ø 360 with reinforced disc	120 x 15	Clamped	Catch straps or rapid venting
		Z	< 1200			HD			150 x 16	Welded	
10 t											
<b>Logging</b>											
9 t	SL	S	≥ 1200		1x 57 2x 43	HD	Standard/ HD	Ø 360 with reinforced disc	120 x 15	Clamped	
		Z	< 1200						150 x 16	Welded	
10 t											

S = Single tyres, Z = Twin tyres, AL II = Airlight II, HD = Heavy-duty