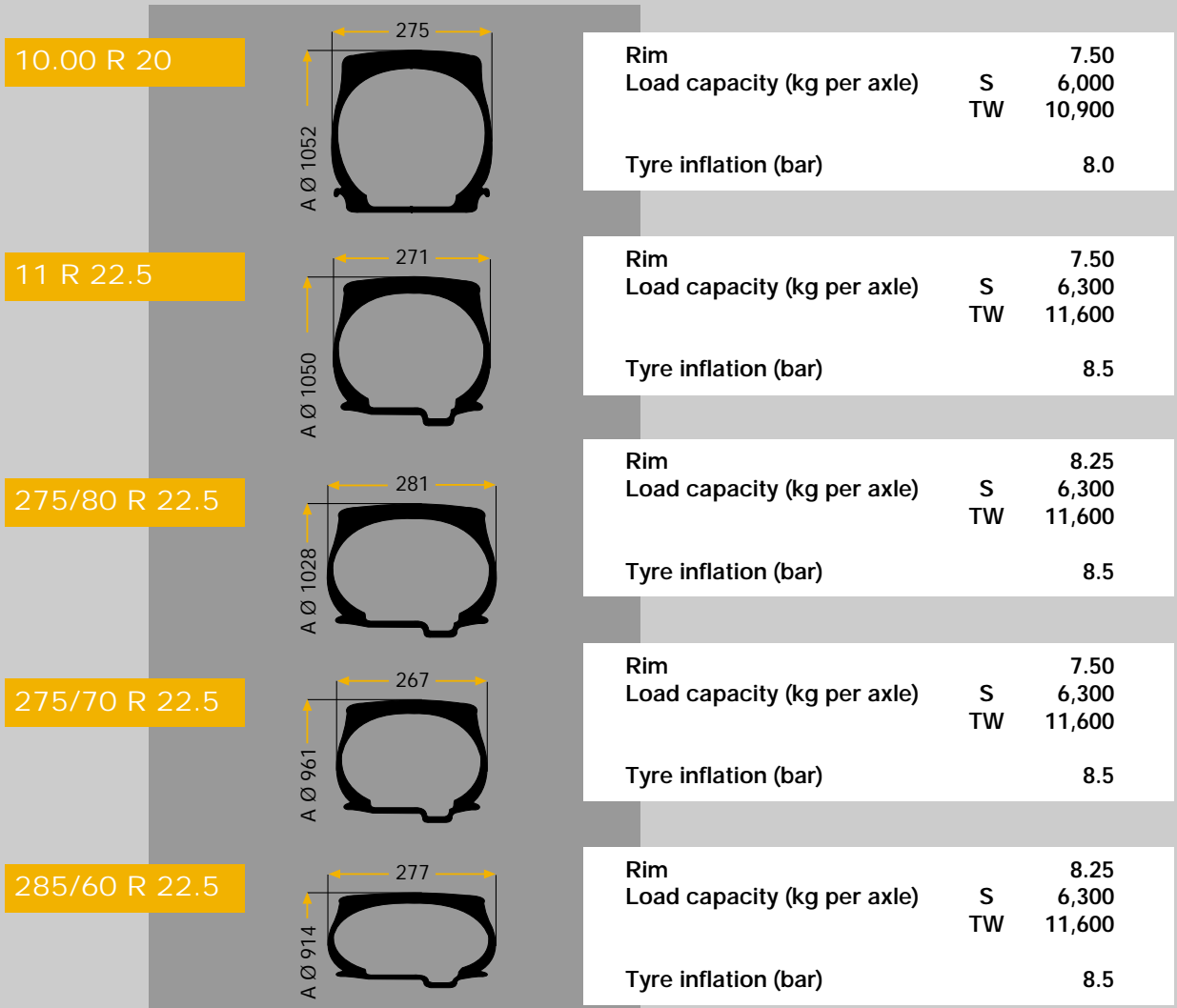


Development of low profile tyres



In addition to

- reduced outer dimensions (lowering the vehicle height) and
- weight savings,

a reduced H:W ratio means further advantages in performance characteristics, such as

- quiet running
- steering precision and
- good wear pattern.

A tyre's load capacity is determined primarily by its volume and inner pressure.

This means that for each inner pressure (= tyre inflation) there is a calculated load capacity. The tyre inflation should be adjusted in line with the axle weights specified by the vehicle manufacturer and the actual weights in operation. Under-inflation impairs driving performance and wear pattern, increases rolling resistance and, as a result, fuel consumption. Under-inflation over a longer period leads to premature casing damage or to total tyre failure.