



## Glossary

Term	Explanation
AG (agriculture tire)	Tires for agricultural machinery vehicles
All-season tires	All-weather tires that can be driven in all four seasons. These tires perform similarly to summer tires in sunny and rainy conditions, and similar to studless (non-studded tires) tires on snow-covered roads. All-season tires stamped with the "snowflake mark" can be driven on roads restricted to vehicles equipped with winter tires. However, chains must be used when chain requirements are in effect (studless tires are recommended on icy and heavy snow-covered roads).
CASE (connected, autonomous, shared & service, electric)	A concept that indicates the future direction of automotive evolution.
Commercial tires	Tires for trucks, buses, agricultural machinery, and other infrastructure-related vehicles that support industries such as transportation and production.
Consumer tires	Tires for passenger cars and other vehicles used by average consumers.
Grassroots category	In motorsports, "grassroots" refers to relatively small-scale competitions that are primarily participated in as a hobby or entry-level event, and are an important foundation for the fostering of motorsports fans and the development of future professional drivers.
HAICoLab	Yokohama Rubber's AI utilization framework for digital innovation formulated in 2020. The name was created from the concept of "humans and AI collaborating for digital innovation," and is used in the development of rubber materials for new products and in the calculation of the optimal pitch arrangement for tires. It also has the meaning of a joint research institute combining humans and AI.
ID (industrial tires)	Tires for industrial vehicles.
LTR (light truck radial tires)	Tires for small trucks.
MaaS (mobility as a service)	Mobility is not only a means of transportation, but a next-generation transportation service that combines various technologies such as autonomous driving and AI.
OHT (off-highway tires)	A generic term for tires used on agricultural machinery, construction vehicles, industrial vehicles, forestry machinery, etc.
OTR (off the road tire)	Tires for construction machinery and mining machinery.
PCR (passenger car radial tires)	Tires for passenger cars.
PFO (pressure field operation)	A tire standard for large agricultural machinery. Compared to VF tires, enhanced load capacity at low speeds makes it possible to operate machinery at lower tire pressures, further reducing soil compression damage.
Pickup trucks	A vehicle used for carrying small cargo with an open storage area behind the driver's seat.
Replacement tires	Tires used to replace the old tires installed on their new vehicles when they become worn or damaged.
Retread tires	Tires for which the worn tread rubber (the parts of a tire that make contact with the road's surface) is replaced with new rubber to restore the tire's functionality for reuse. They are also referred to as regenerated tires.
Side walls	The sides of a tire. The surface is covered with a layer of rubber to protect the cord layer underneath, and the tire size, brand name, and manufacturer's name are stamped on the sidewall.
SUV (sport utility vehicle)	Sport utility vehicles are suitable for everyday activities such as shopping as well as driving on unmaintained roads and other outdoor leisure pursuits.
TBR (truck and bus radial tires)	Tires for trucks and buses.
T.M.S (tire management system)	Service that utilizes a database to compile tire operation information. This system provides total support for tire management, from tire inspections to data entry, collection, and proposals, contributing to safer operations and greater efficiency.
VF (very high flexion)	A tire standard for large agricultural machinery. VF tires can support the same load at 40% less air pressure than conventional radial tires, enabling driving farm vehicles at low tire pressures, which is expected to reduce damage from soil compaction and improve productivity in agricultural operations.
Y-ATG	A business unit of the OHT Business Division, Y-ATG mainly sells tires for agricultural machinery vehicles and construction machinery vehicles under the Alliance brand.
Y-OTR	A business unit of the OHT Business Division, Y-OTR mainly sells YOKOHAMA brand tires for mining, construction, and industrial vehicles.
Y-TWS	Abbreviation for Yokohama TWS, a subsidiary of the OHT Business Division. The company mainly sells tires for agricultural machinery vehicles and industrial vehicles, such as Trelleborg brand tires.
Wide base tires	Wide tires that can replace double wheels (sets of two tires) with a single wheel (one tire) on trucks and buses.
Winter tires	Tires designed for use in low temperatures and on snow-covered roads. These include studless tires with enhanced grip on icy roads.