

# EM-Master Developed for ADTs



Articulated Dump Trucks (ADTs) are used for hauling large quantities of bulk or aggregate material in a variety of applications and ground conditions. It is highly adaptable to rough terrain. Continental's EM-Master range is customized for these specific demands and comes with a durable, cut resistant tread compound to master the application.

Traction, self-cleaning and a smooth ride were main criteria for the pattern development. In addition all Continental EM-Master tires are equipped with tire (TPMS) sensors.

## Your Challenges



**Harsh conditions** that challenge the tire increase the likelihood of tire failure.



**Heavy transport** tasks either in rough terrain or under any demanding road condition.



Operating at high speeds leads to **high temperatures** in tires.



Assure the optimal **tire inflation pressure** during continuous operation.



**Lack of time** for frequent manual tirechecks, need to focus on core business.

## Our Solutions

The E3/L3 version of the EM-Master series is designed for conditions that range from **soft to muddy terrain**.



E3/L3

E4/L4

The E4/L4 version of the EM-Master series is designed for conditions that range from **gravel up to rocky terrain** where enhanced carcass protection is important.



## Your Benefits



Increase efficiency



Keep track of your assets



Maximize uptime



Sensor ex Factory

Earthmoving is the core business of Eberhard Bau AG. Since 2018, the construction company has been relying on Continental EM-Master tires and the tire monitoring system ContiPressureCheck for its articulated dump trucks. Björn Reiser is Head of Purchasing and responsible for vehicle maintenance. His vehicles are working constantly under rough conditions.

“The Continental EM-Master tires are an ideal match for our requirements for usage. Thanks to ContiPressureCheck, our drivers reliably receive tire pressure data directly in the cab. The carcass is so robust that we have not had any failures in recent years. Another decisive factor for me as a buyer: the good price-performance ratio.”



## Continental's state-of-the-art production in Lousado

With its production plant in the Portuguese city of Lousado, Continental sets a benchmark in tires production. Since 2019, Continental produces radial off-the-road (OTR - Earthmoving and Port) tires in Lousado.

ISO Certifications (ISO 9001 and ISO 45001) certify outstanding production conditions. Sustainability plays in every manner a big role, e.g.: water is reused, lightening works with motion sensors and all the transportation equipment is electrified and, wherever possible, automatically guided. Equipped with state-of-the-art building machinery and automated devices, the Lousado plant is designed to deliver cutting-edge radial tires while following the highest of ergonomic standards.

## Available Dimensions

Tread	Article no.	Tire size	TRA code	Type	Transport		Rim	Overall diam. mm (inch)	Overall width mm (inch)	Tread depth mm (32")
					SR/PR	LI/SS				
EM-Master <small>sensor</small> CONNECT	1270517	20.5R25	E3/L3	TL	2*	177B	25x17.00/2.0 & 1.7	1485 (58.5)	512 (20.2)	37 (46/32)
	1270516	23.5R25	E3/L3	TL	2*	185B	25x19.50/2.5	1605 (63.2)	605 (23.8)	39 (49/32)
	1270515	26.5R25	E3/L3	TL	2*	193B	25x22.00/3.0	1740 (68.5)	703 (27.7)	41 (52/32)
	1270514	29.5R25	E3/L3	TL	2*	200B	25x25.00/3.5	1843 (72.6)	759 (29.9)	46 (58/32)
	1270562	23.5R25	E4/L4	TL	2*	185B	25x19.50/2.5	1609 (63.3)	603 (23.7)	48 (60/32)
	1270563	26.5R25	E4/L4	TL	2*	193B	25x22.00/3.0	1739 (68.5)	697 (27.4)	52 (66/32)
	1270564	29.5R25	E4/L4	TL	2*	200B	25x25.00/3.5	1850 (72.8)	760 (29.9)	59 (74/32)

sensor CONNECT = All tires are equipped with SensorConnect from factory.