


LMP3 AR-2



AVE
Motorsports


RILEY TECHNOLOGIES, LLC

The AR-2 is a new prototype under initial design and construction for debut in 2015 and is being built specifically for the ACO's new LMP3 category. The AR-2 program is the latest collaboration between top constructors Ave Motorsports and Riley Technologies, both based in the Charlotte, North Carolina area, which have been racing and winning with AR-1 Trans Am cars in the United States for several years. Ave Motorsports has built 17 AR-1 Trans Am cars over the last few seasons using a Riley design that company owner and founder, Tony Ave, acquired a few years ago. Riley Technologies, led by Bob and Bill Riley, has been building race and championship-winning race cars for decades, including some of the most successful prototype designs in history, and looks forward to its next chapter of success working with Ave Motorsports in the design of the AR-2.

The new LMP3 AR-2 prototype race car is currently available for competition in the following series:

European Le Mans Series (ELMS)

Asian Le Mans Series (Asian LMS)

National Auto Sports Association (NASA) - Super Unlimited class

Sports Car Club of America (SCCA) – SPO (Super Production Open) class

...and as a premium track day car

SPECIFICATIONS

Carbon fiber chassis with steel roll cage
Composite body
Side radiators
Nissan 5.0L V-8 420-440 hp
Xtrac 6 speed gearbox
Paddle shift system by Megaline
Alcon 6 piston calipers
Motegi wheels, 18x12.5 front, 18x13.0 rear
Magneti Marelli data system
Steering wheel mounted display
Pushrod suspension front and rear
JRI Adjustable shocks
Electric power adjustable mirrors
Quick fill dry break refueling
Hydraulic power steering

DIMENSIONS AND CAPACITIES

Length	4557mm	179.5"
Height to ground	1118mm	44"
Width	1894mm	74.6"
Front Track	1566mm	61.7"
Rear Track	1551mm	61.1"
Wheelbase	2896mm	114"
Weight (LM P3 Rule)	900kg	1984lbs
Fuel Capacity	80-100 liters	21-26.5 Gallons

OPTIONS

- Staubli 45 single point refueling
- Cockpit air conditioning
- Tire pressure monitoring system
- Testing data system with load cells & laser ride height sensors
- Wheel travel sensors
- Telemetry for testing



For more information, contact:

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