



SR





Once you've raced, you never forget it... and you never get over it. *Richard Childress*

You are not a driver, today you are a race pilot, you can feel the grip from the tires through your hands and through the carbon fiber seat. You hit your turn in perfectly and squeeze in more power. You are flat at the out apex, pulling 11,600 rpm and the world is really a blur as your right hand hits the paddle for the next gear. Your heart races as you setup for the next corner, the SR is in your blood now... The RUSH is on!

Simplify, then add lightness. *Colin Chapman*

RUSH Auto Works Inc., was founded late 2017 to design, develop, market and produce affordable, high performance race and track-day cars. The company ethos is simply, that every vehicle we build will be a rush to drive, Guaranteed.

Our design inspiration comes from history of Lotus and Colin Chapman, where simplicity and lightness were profoundly successful in their early race and production cars. As a mechanical engineer, our company founder, David Hosie, has over 40 years of engineering design, development and product manufacturing experience, coupled with a history in motorsports and over 30 US Patents.

Beyond this we have a vision that high performance motor sport has reached such stratospheric pricing that the normal person simply can't afford to get in. Our first car, the RUSH SR, has been designed from the ground up to address that issue. It provides an affordable platform, and yet exudes technology and performance typically found in vehicles costing three to ten times as much.

The RUSH SR is a purpose designed race car with one simple mission, attack the track and set track records never dreamt of at this price point. It is not a production car adapted to the track, but a pure bread track machine designed from the ground up for this single purpose. It's single seat central driving position adds to the drivers experience of being one with the machine, one that encourages you to push harder, inspires confidence to go deeper in to the next turn, drives you to drive harder, attack the track.. The RUSH is on!

THE RUSH SR

The RUSH SR is a purpose designed race car that has been fully developed as a new Spec Series Sport Racer, to provide our customers with a high performance yet affordable to own platform. The car is delivered completely built, with the body in white and black primer, ready for you to paint or wrap in your livery and take to the track.

The RUSH SR was designed from the ground up to use production manufacturing technology to allow us to provide a price performance ratio simply unavailable before-hand. This philosophy carries over into spare part pricing that helps keep the car not just affordable to purchase but also to use. The RUSH SR boasts an operating cost perhaps the lowest in the industry, with an all in operating cost below \$ 100 / hour.

All RUSH SR's are built using completely new engines and transmissions, we do not buy used or refurbished units. This philosophy allows us to provide our customer with an unheard of bumper to bumper warranty or a period of 6 months from the receipt of your new car. No other race car manufacturer offers a warranty at this level which covers parts, but excludes installation labor. The car is easy to maintain for anyone with basic mechanical skills, it is however NOT a street car, it's a full on race car. It rides hard and has a lot of inherent engine vibration, routine maintenance is part of keeping the car reliable.

The RUSH SR is built in our 18,000 SF facility in Houston, Texas. Our location makes distribution of spares through the Americas simple and fast, a RAW performance metric that is part of our ethos to support our customers. Houston also allows us to receive direct port shipments from the 200 plus vendors we use from over 40 different countries.

The RUSH SR offers blistering performance due to its low weight and size. The car in capable hands offers GT4 class and Formula 4 class performance, providing the experienced driver the performance desired, yet provides a stable platform for the low time and novice driver to hone their skills and learn the craft.

3.3s
0-60 mph

140 mph
Top Speed

145 HP
At Wheels

1130 lbs
Dry Weight





RUSH SR, TECHNICAL SPECIFICATIONS

ENGINE

- RUSH S-1000 1 liter inline four, Dyno tested & sealed!
- 145 WHp with 11,800 RPM rev limiter
- RAW ECU with FT RAW Flash
- SS headers with x-over and dual silencers

TRANSMISSION

- Six-speed Pneumatic shift system with no lift shift and auto blip
- RUSH final drive with adjustable limited-slip differential
- Adjustable final drive ratios to suit track configuration

SUSPENSION

- Fully adjustable RAW suspension system with front and rear unequal length top and bottom A-arms, billet aluminum uprights with adjustable camber and toe, and adjustable anti-roll bars
- Two-way adjustable RUSH Shock system with changeable rate springs.

TIRES

- Front, Nankang AR-1 185 x 13
- Rear, Nankang AR-1 205 x 13

DIMENSIONS & WEIGHT

- Length: 3325 mm
- Width: 1500 mm
- Height: 990 mm
- Weight: 513 Kg

CHASSIS

- TIG welded primary space frame structure. 1-1/2" SQR section 4130 primary tubing with Ducol R8 1-1/4" Rd Cross bracing
- Dual 1-3/4" Ducol R8 primary roll bar system
- Composite Side Anti intrusion panels
- Front aluminum crash box and rear crash structure.
- 5 Gal FIA FT-3 Certified Fuel Cell

BODY

- GRP Body panels, under floor and rear diffuser
- Front and rear quick connect multi piece clam shells with AeroCatch primary attachment

Brakes

- RUSH four-pot Billet calipers front & rear on 274mm x 25mm floating 26-vane disc brakes
- dash mounted brake bias adjuster





RUSH SR OPTIONS

Options Included W/ Base Car

- RAW Pneumatic Paddle Shift System
No Lift Shift with Blip Assist
- RAW Fiberglass Seat, Small
- RAW Seat Mount Lower
- Rib Tech Seat Bolt Kit
- Sabelt 6 Point Harness
- RAW Mirror Set
- 2.5Lb Fire Extinguisher
- RAW Anti Intrusion Nerf Bar Kit
- RAW Rear Tow Hook
- RAW Seat Back Mount
- Carbon Fiber Dash

Dash Logger System Options

- AIM MXM Dash Logger
- AIM MXS 1.2 Dash Logger
- AIM to ECU Cable & Installation

Upgrades

- RAW Fiberglass Seat, Med
- RAW Fiberglass Seat, Large
- 5lb SFI Fire System with Mechanical Pull & 3 Nozzles
- Aim Smarty Cam GP HD, Not installed
- Aim Smarty Cam GP HD with Mount Kit and Installation
- SR LMP Style Carbon Fiber Steering Wheel
- Braille G30 H Lithium Battery
- Braille 12V Lithium 6A Charger Maintainer
- RAW FIA FT-3 Dual Tank Fuel System

RAW Race Spec Package

- RAW Adjustable Head Containment System
- Carbon Rear Wing & RAW Adjustable Mount
- Extended Front Splitter w/ Adjustable Stays
- RAW Brake Light System, Comprising 2
- Rear Lights, Rain Lights, Brake Pressure Sensors, Wiring & Installation, Requires Aim Dash
- RAW LED Front Running Lights

Spares and Accesories

- RAW 13 x 7" Front Wheel, Black Finished
- RAW 13 x 8.5" Rear Wheel, Black Finished
- Set Nankang AR-1 Tires
- RAW Toe Alignment Bar Set



RUSH Auto Works USA

**4547 Brittmoore Rd,
Houston, TX 77041
Tel +1 713 937-0000
info@rushautoworks.com**