



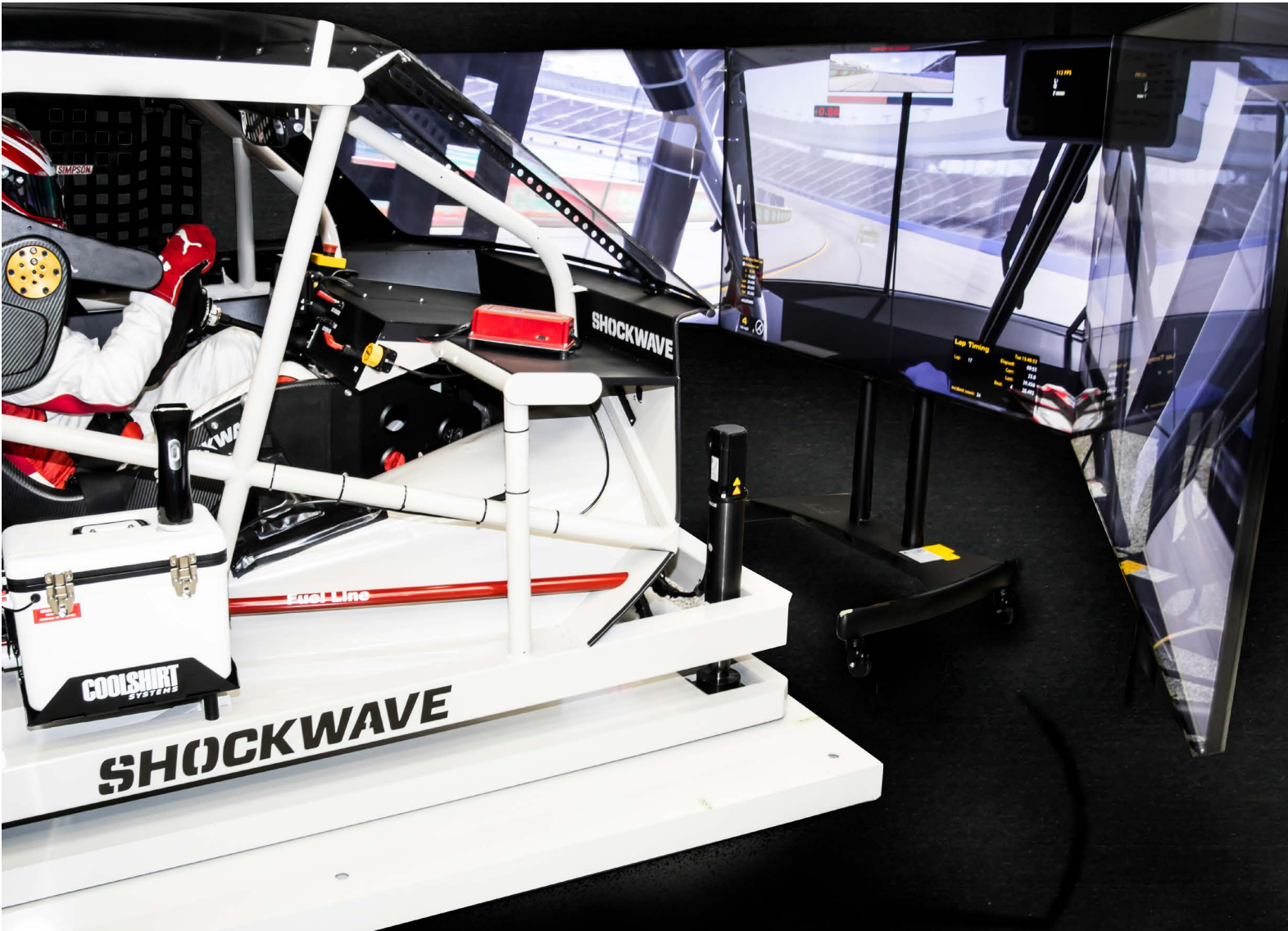
# SHOCKWAVE

Motorports

S I M U L A T O R S

SHOCKWAVE





## A SIMULATOR BUILT BY RACERS FOR RACERS

The SHOCKWAVE Simulator fills the gap between low-cost recreational simulation and limited access, expensive, one-size-fits-all simulators. SHOCKWAVE has designed a tool specifically for driver development to simulate the driver's specific race car, and their cockpit controls. SHOCKWAVE has been involved in racing since 1965 and is currently actively participating in NASCAR ARCA, TransAm, Late Models, and Sprint Cars; we understand the needs of racers.

Simulators are the wave of the future and critical to the success of all teams and drivers.



### Unmatched Training Benefit for Driver Development

- Tested and proven to lower lap times
- Builds driver stamina
- Improves track familiarity, driver control and confidence

### Accurate Replication of Cockpit Environment

- Engineered to simulate wheelbase, track width, roll center, noise, heat, sight lines, equipment placement, and vibration encountered in a real race car
- Practice emergency egress procedures with accurate cockpit safety systems and entry/ exit procedures

### Reduces Cost

- No need for track rental, transportation, tires, fuel, and crew cost
- Eliminates or augments more expensive simulator time

### Reliable and Easy to Use

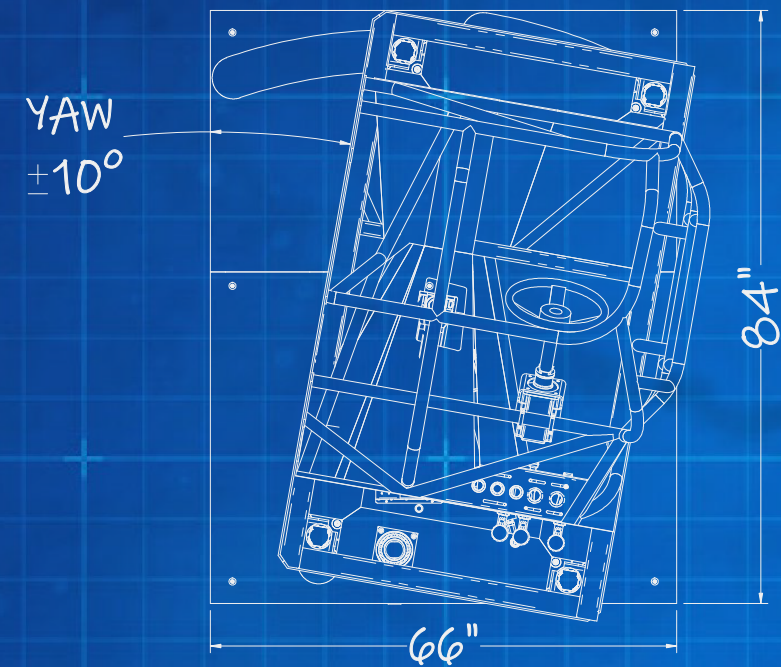
- High availability at driver's demand
- Runs standard, low cost, easy to use software
- 24/7 technical support
- SHOCKWAVE is trusted worldwide, by groups such as the US Navy Seals, to build quality products with high levels of performance



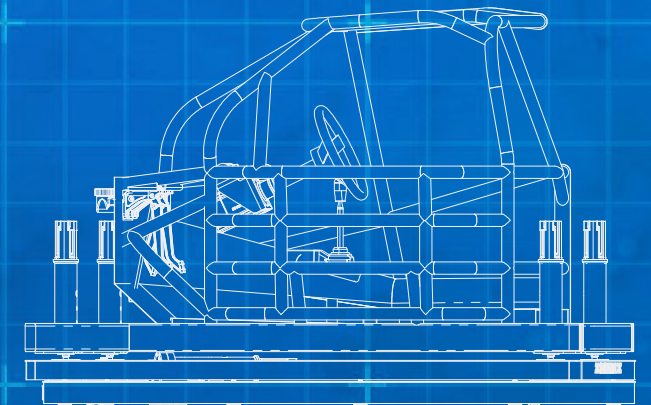
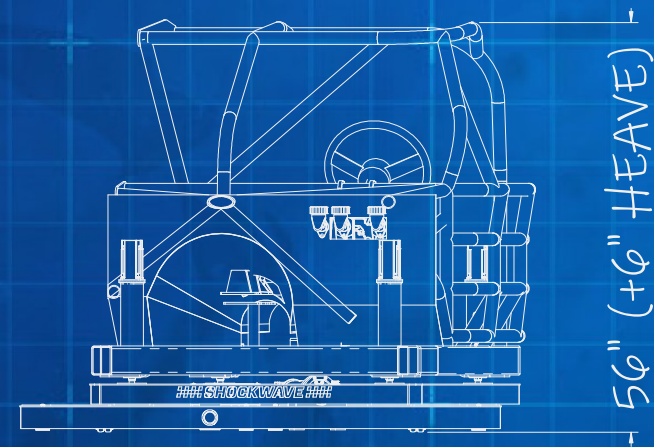


## TECHNICAL SPECIFICATIONS

- ✓ SHOCKWAVE 5 DOF motion platform
- ✓ Available for any type of vehicle
- ✓ Fully programmable travel vibration: 'Heave, Roll, Pitch, Yaw'
- ✓ Adjustable high torque steering
- ✓ Floor or top mounted pedals with fully adjustable force
- ✓ Realistic cockpit and roll cage, same as customer's real car
- ✓ Dash and switch layouts to match customer requirements
- ✓ Quick-release steering wheel
- ✓ 3 x 75" TVs with the highest refresh rate
- ✓ 3 x TV Stands
- ✓ Focal distance corrected
- ✓ Mounting provisions for customer supplied seat and seat belts
- ✓ In-helmet sound
- ✓ Adjustable heated shirt system with switchable helmet blower
- ✓ Brake bias adjustor
- ✓ Fire bottle trigger
- ✓ Windshield with straps
- ✓ Window net
- ✓ Roll bar and door padding
- ✓ Custom paint and wrap to customer specifications
- ✓ Fully loaded computer with latest software and hardware
- ✓ Preconfigured with Windows 10
- ✓ All required wiring and cables
- ✓ Requires 38 amps @ 120V AC



ROLL +/- 10°  
 PITCH +/- 5°  
 YAW +/- 10°  
 HEAVE 6"







**A TRAINING ASSET FOR ALL GENRES OF AUTO RACING.**

NASCAR – Cup, Xfinity, Truck, and ARCA • Pro Late and Super Late Model (dirt and pavement)  
Sprint Car (dirt and pavement) • Modified (dirt and pavement) • SCCA, TransAm, and IMSA



**SHOCKWAVE**  
MARINE SUSPENSION SEATING



## RACE BRED HERITAGE

SHOCKWAVE has been involved in racing since 1965. David Smith is the founder and CEO and went from a car builder for the likes of Roy Smith and Hershel McGriff to setting world records with Bear Grylls in a dangerous first ever open boat crossing of the Northwest Passage.

SHOCKWAVE Marine Suspension is being used by the who's who of the marine world and is proud to be the top supplier of performance products to special forces worldwide right on down to top ranking fishing teams. As a company we identify problems, develop solutions, and build winners from the ground up. SHOCKWAVE's roots are in racing and marine shock mitigation. Auto racing has helped develop our marine suspension seating products. The marine suspension seating has helped us develop our racing products.

SHOCKWAVE Motorsports currently races TA2, Super Late Models, Pro Late Models, ARCA, Sprint cars, and collaborates with Derek Kraus in the NASCAR trucks series.

The SHOCKWAVE Simulator has been built with input from all our team and resulted from years of experience in the industry. We love pushing the limits and having fun.






**JOIN THE  
SHOCKWAVE  
MOTORSPORTS  
COMMUNITY**


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