REPRESENTED BY:
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ADVANCED TRAINING SYSTEMS™

SHIFTMASTER™

Patented technology. Efficient training. Revolutionary results.

ShiftMaster™

Developed by Advanced Training Systems, the ShiftMaster™ simulator incorporates various aspects of heavy truck vehicles, and is the leading single-task trainer in the simulation market. Optioned to incorporate both passive and force-feedback steering and upgrade ready to a multi-screen motion platform, the ShiftMaster™ uses exclusive human-centered design to efficiently train tomorrows CDL Drivers.

Technical, robust, and attractively priced, the ShiftMaster™ simulator is proudly designed and manufactured in the United States; combining machined aluminum, composite materials and tailored training software to provide a simulator platform that focuses on student retention of shifting patterns, vehicle handling and backing exercises.

Digital Coach

Often referred to as the 'Digital Coach', ATS patented and self-paced approach is optimized for each individual user based on their behaviors and actions. By incorporating this patented training process, the ShiftMaster™ simulator allows students to train more efficiently and quickly without the use of an instructor for remedial basic practice and shifting. Ultimately Advanced Training Systems patented approach generates trainees more confident and efficient, minimizing student-instructor classroom time, and maximizing training on-the-road.

Patented learning system

The defining feature of the ShiftMaster™ simulator is in it's patented learning system. Unlike other simulator systems, ATS simulators provide self-paced, expert guided training, effectively allowing training institutions to focus on individual student and driver behaviors in order to correct, modify, and improve skills.

Additionally, all ATS Simulator models exceed traditional simulator performance by incorporating guided and student paced training included in the purchase of the simulator.

Quality Components and Technology

Precision machined aluminum. High-fidelity displays. Military-grade electronics. All integral parts of the ShiftMaster™ simulator are manufactured at the highest quality to guarantee customer satisfaction and equipment longevity.

ATS ShiftMaster™ driver interface systems and their associated parts feature touch screen displays, identical tactile/force-feedback and actual tractor/truck parts. Additionally, the ATS ShiftMaster™, TransMaster™ and FleetMaster™ simulators are the only simulator line featuring ATS patented true-to-life transmission module.

"It's a simulator, that's better than any other simulator in the nation..."

- Bill Collins
Owner - Interstate Truck Driving School

Efficiency and Results

Schools and institutions that utilize the ShiftMaster™ and its patented tools benefit not only from the increased throughput of students, but also in the standard of graduating drivers. Implementing the ATS approach to simulation results in, decreased training times, reduction of stress on yard components and, overall, a higher level of student.

Technical Specifications

Display System

Monitor Type	LCD High Definition 1080p
Monitor Output	120Hz LCD
Screen size	50" Single display with Touch-screen console
Screen resolution	1920 x 1080 (Per Display)
Range of contrast	2,000,000 : 1
Screen relations	16:9
Mounting structure	Structurally integrated

Audio System

System type	2.1 Surround Sound
System output	505 watts RMS
Max. output	1010 watts
Audio system frequency	33Hz - 20 kHz
Tactile transducer	2 (250 watt max)

Gearbox

Shifter interface	Advanced Training Systems 10-Speed Lock-out transmission

Technical Dimensions

Simulator Height	60 in
Simulator Length	80 in
Simulator Width (Single Display)	32 in / 44 in with mounted touchscreen
Simulator Weight	535 lb / 288 kg
Driver maximum weight	300 lb / 113 kg
Electrical reuirements	120 VAC, 60 Hz 1210 Watts (Single Display)

ShiftMaster™

+ Single - screen shifting simulator with integrated Digital Coach
+ Autonomous progressive shifting program included
+ 2-year Warranty
+ Shipping included
+ Upgrade ready to TransMaster™ or FleetMaster™

TransMaster™

+ Three-screen shifting simulator with integrated Digital Coach
+ Autonomous progressive shifting program included
+ OnCue motion system
+ Scenario and Vehicle library
+ 2-year Warranty
+ Shipping included
+ Upgrade ready to FleetMaster™

FleetMaster™

+ Three-screen shifting simulator with integrated Digital Coach
+ Autonomous progressive shifting program included
+ Molded Dash Representation
+ Force feedback steering system
+ OnCue motion system
+ Scenario and Vehicle library
+ 2-year Warranty
+ Shipping included
+ On-site customer support and installation

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