

MILITARY SERIES

MIL-301-S1/S2

PROFESSIONAL AND TACTICAL VR SIMULATION SYSTEM

3DOF

ARCHITECTURE

130kg

MAX USER WEIGHT



360w

MAX POWER CONSUMPTION



MOTION SYSTEM MIL-301-S1/S2

MIL-301-S1/S2 is composed of two products - under seat mover MIL-301 and dedicated seat S1 - higher or S2 - lower version. The product is compatible with crucial mechanical system components which have made the product fully adapted to the demanding military client. This light, small, mobile and impressively powerful set has taken VR training to the higher level.

MIL-301-S1/S2 is designed and engineered specifically just for the seat to move and provide the most realistic immersion with the mind and body. Set was tested in the most demanding applications and proven to g-forces feeling. This method of only the seat moving can be used for professional simulation and tactical simulation systems.

Presented solution allows to minimize the negative impact of VR or simulator sickness in training process.

The platform comes complete with dedicated license of Platform Manager software compatible with VBS3, VBS4, Unity and Unreal engine. Software includes VR Headway technology which uses advanced mathematic formulas to calculate necessary compensation and applies it to the VR headset at runtime for the most authentic and immersive simulation experience.

KEY FEATURES

 <p>Compact design Small footprint and lightweight body</p>	 <p>Plug&Play Ready to work in just minutes</p>	 <p>Software support Control motion systems using one of our SDK</p>
 <p>Super silent Extremely quiet and smooth operation</p>	 <p>VR technology Full VR technology support with reduced negative impact of simulator sickness</p>	 <p>Advanced simulation Engineered and manufactured from ground up purely for professional applications</p>

PROFESSIONAL AND TACTICAL VR SIMULATION SYSTEM

Military applications examples:

- + VR and on screen virtual training applications
- + Tactical and specialist training enhancement

Civil applications examples - VR and on screen virtual training applications for:

- + Gantry crane operators
- + Forklift operators
- + Harvester operator

GENERAL SPECIFICATION MIL-301-S1/S2

SYSTEM PERFORMANCE

HEAVE	30 mm
PITCH	-7°, 7°
ROLL	-6°, 6°

PAYLOAD SPECIFICATION

MIN USER WEIGHT	30 kg
MAX USER WEIGHT	130 kg

MAIN DIMENSIONS

TOTAL WIDTH	570 mm
TOTAL HEIGHT	1221 mm (S1), 972 mm (S2)
TOTAL LENGTH	667 mm

POWER REQUIREMENTS

MAX POWER CONSUMPTION	360W
POWER SUPPLY SYSTEM	100~240V, 50-60Hz

Built-in Power Supply Specification - Active PFC function - Protections - Short circuit/Overload/Over voltage/Over temperature

Power supply certificates    **CBCE**
