



ANGRUP

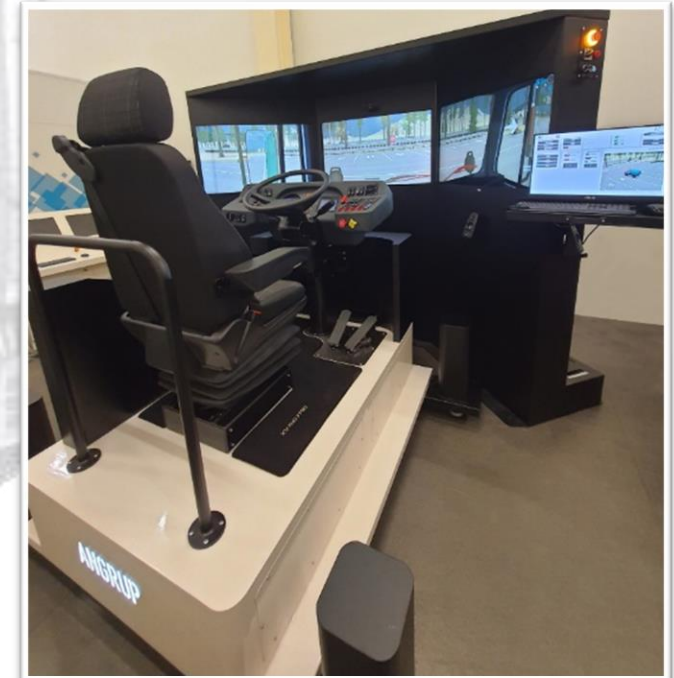
DEFENCE AND SIMULATION

XV-TH03 PRO SERIES
BUS DRIVER TRAINING SIMULATOR

XV-TH03 PRO SERIES

XV-TH03 PRO Series simulation systems have been developed using high technology and special equipment. Simulation systems equipped with real vehicle equipment (Mercedes / Continental HMI) offer a wide range of software support. There are support hardware specially developed on the simulation system and offering high reality. The system gathers multiple heavy vehicle and bus simulation systems in one platform. With the simulator, you can easily train drivers of Bus, Trucks, Tandem trucks, school buses, military trucks, Fire Fighting Truck.

Specifications	Details
Hardware	Mercedes Citaro 0530
Software	Professional / CAN BUS Support
Visual System	3x43'' LED (5760 x 1080 Pixel Resolution)
Steering System	Force Feedback with Electric Servo Engine (1.5Kwa)
Pedal &	Actual Vehicle Pedals
Shifter Systems	Automatic Transmission System
Camera System	720p Camera System
Sound System	Integrated 5+1 Surround System + Bluetooth Headset
Driver Seat	Multipoint Adjustable Driver Seat
Instrument Cluster	Analog RPM & Speedometer + 7.1'' TFT LCD Vehicle Computer
Motion Platform	3 DOF Motion System - 6'' Linear Actuator
Transmission	Automatic
Park Brake	Trailer & Park Brake
Instructor Station	On Mount - 21'' Touch Monitor
Body	Laser cut - Electrostatic Painted Chassis
Customization	Multifunctional Side Cockpit (Firetruck, Bus, School Bus, Tandem Truck Controls)
Recommended Space & Dimensions	15m ² <ul style="list-style-type: none">▪ Width :350_{cm} / Length :350_{cm} /Height :220_{cm}▪ Weight :800_{kg}
Electric Consumption	220V / 19.29 Amp



XV-TH03 PRO SERIES

FEATURES & APPLICATIONS

SUITABLE FOR PROFESSIONAL DRIVERS

3xLED SCREEN (5760x1080p)

MERCEDES DRIVER COCKPIT

3 DOF MOTION PLATFORM

ON SIDE INSTRUCTOR STATION

ANALOG INSTRUMENT CLUSTER

AUTOMATIC GEARBOX



SOFTWARE

EDUCATION SCENARIOS

WEATHER SIMULATION

DAY / TIME SIMULATION

MULTI-LANGUAGE SUPPORT

THEORETICAL TEST SYSTEM

REPORTING & ANALYSIS SYSTEM

INTERACTIVE VIDEO AND TEST SYSTEM



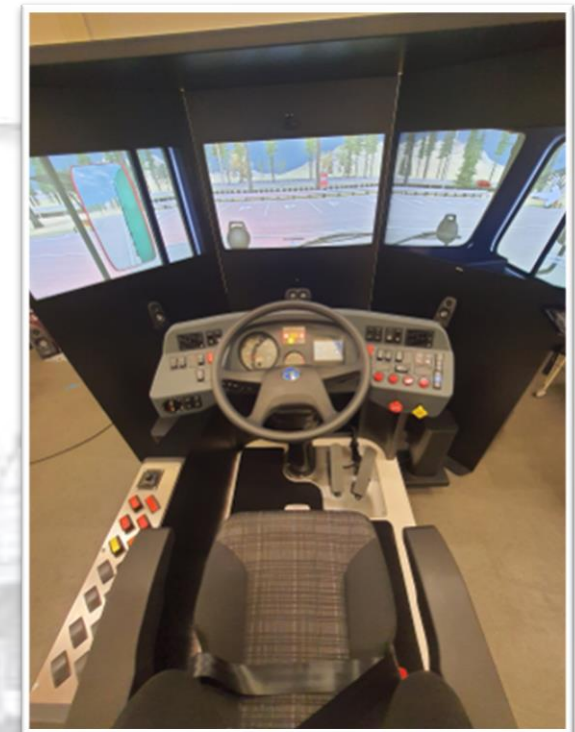
XV-TH03 PRO SERIES

XV-CH03 PRO SERIES		
SPECIFICATION OF DRIVING SIMULATOR		
MAJOR COMPONENTS	SUB COMPONENTS	DESCRIPTION
1. MAIN COMPONENTS OF THE CABIN	BODY	Powder painted metal chassis
		Actual Vehicle Cockpit
		Lockable wheel: 800 kg capacity
		Rear Brake Light
	MOTION PLATFORM	6'' Actuator Based 3 DOF Motion Platform
	CAR PARTS BRAND: MERCEDES & CUSTOM	Analog & LED Instrument Cluster
		7.1'' Vehicle Computer Simulation / TFT LCD
		Climate Unit
		Automatic Transmission System
		Arm Rest
		Steering wheel and steering wheel cover
		Left-hand drive setup
		Turn signal lever & light switch
		Wiper lever
		Hazard stop button
		Ignition switch
		5 Stage Retarder
		Parabrake & Trailer Brake
		Driver Seat & Seatbelt, • Seat's distance & angle can be adjustable.
		Mirror Control Joystick and buttons
		Door Button (For Buses)
		Trailer Lock / Unlock Buttons
		Car Computer Control Buttons (Up / Down / Home)
Engine Fan Controls		
Air Tank Controls		
PEDALS & SHIFTER	Acceleration pedal	
	Brake pedal	



XV-TH03 PRO SERIES

MAJOR COMPONENTS	SUB COMPONENTS	DESCRIPTION	
1. MAIN COMPONENTS OF THE CABIN	IOS PANEL	<ul style="list-style-type: none"> • USB Plug • On/Off Switch • Ethernet Socket • Power Button • Emergency Stop Button • Transmission Switch Button 	
	VISUAL SYSTEM	SIMULATOR	3xLED Screen 5760x1080p Resolution <ul style="list-style-type: none"> • 43" LED Screen (Center) • 43" LED Screen (Left) • 43" LED Screen (Right)
		INSTRUCTOR STATION	1xLED Screen 1920x1080p Resolution <ul style="list-style-type: none"> • 21" LED Touch Screen (Side Mount) • Mounting Parts
	CAMERA SYSTEM	720p Camera System	
	SIMULATOR PC	CPU: Intel i7 3.6GHz	
		RAM: 16GB	
		Graphics Card: NVIDIA Chipset 8GB RAM	
HDD: 120Gb SSD			
OS: Windows 10			
POWER	Power: 850W 80+		
2. STEERING SYSTEM	STEERING	Force Feedback with Electric Servo Engine (1.5Kwa)	
		Auto calibration	
		1.5 cycle left / 1.5 cycle right	
		Airbag unit	
		Steering wheel clock spring	
		Torque control over speed	





ANGRUP CORP.

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