

ESI

EQUIPMENT INC
APPARATUS

TRANSFORMABLE, MISSION-BUILT, RESPONSE VEHICLES.



2022.RRU.VER.1



PENTHEON

holmatro

ALABAMA
X 24698
April 17, 2019-07

EVIDENT IN EVERY DETAIL, ESI APPARATUS DIVISION'S RESPONSE VEHICLES ARE THE BRIDGE TO THE FUTURE OF AFFORDABLE, RELIABLE, ADVANCED APPARATUS THAT CAN RESPOND TO ALMOST ANY EVENT AND SAVE LIVES. TODAY, WE OFFER OUR OWN GAME-CHANGING LINE OF APPARATUS: ESI RAPID RESPONSE UNITS (RRU) AND OUR NEW MISSION-BUILT, ALL-TERRAIN OFF-ROAD XTREME RESPONSE UNITS (XRU). WELCOME TO THE NEW ERA OF ENDLESS POSSIBILITIES.

THE TOP 10 REASONS CUSTOMERS INVEST IN ESI RAPID RESPONSE UNITS (RRUS):

- | | | | |
|---|---|---|-----|
| 1 | — First responders typically engage ESI Equipment when they are struggling to find a highly effective, cost-efficient way to respond to calls while dealing with less manpower & smaller budgets. | Our customers tell us they can respond to 80% of calls with an RRU, saving wear & tear on the more expensive apparatus | — 6 |
| 2 | — Our customers tell us because of the transferability of our units they have a lower cost of ownership & better response times while increasing the versatility of their fleet | Unlike an SUV response unit, the RRU is fully transferable to a different make and model truck, saving the cost & time of redesign at the time of replacement of the vehicle | — 7 |
| 3 | — Pickup truck-based driver training is much easier than traditional apparatus | The design of the RRU makes separating contaminated PPE & personnel easy | — 8 |
| 4 | — The use of an RRU on mutual aid calls for manpower to keep their Engines & Ladder trucks available in a department's home district | With larger storage area, especially compared to that of an SUV or traditional ARE/Leer Cap, there's no longer a need to store equipment in the backseat preventing a loss of personnel carrying capacity | — 9 |
| 5 | — Having the RRU body on a pickup truck bed will give them a superior payload for equipment & personnel than that of an SUV | ESI's design team can help you create a Unit with custom features and detail-oriented compartments mission-specific for your needs | 10 |



"In 2018 and 2019, my department embarked on a project that would meet the communication needs of complex and evolving incidents. Something that was able to respond quicker than a larger piece of apparatus we already owned and on a much smaller scale. When we found ESI Equipment, we quickly realized they would be able to accomplish this type of project and more. Our sales representative, Tom Erwine, was always willing to accommodate our evolving needs and happy to offer solutions from some of their past builds. The end product far surpassed our initial goals and expectations."

Kevin R., Emergency Communications Division Supervisor

WHY ESI RAPID RESPONSE UNITS

- ALL FIBERGLASS WEATHER-RESISTANT BODY INSERT, CARBON FIBER REINFORCED
- FITS ANY DOMESTIC HEAVY-DUTY SERIES PICK-UP TRUCK WITH A BED SIZE OF 6.5' OR 8'
- COMPLETELY TRANSFERABLE BODY INSERTS USING PATENTED FOUR CORNER ACTUATED TIE-DOWN, ALLOWS QUICK INSERTION OR REMOVAL. TRANSFERRABLE BETWEEN MAKES OF VEHICLES (FORD, CHEVY, DODGE ETC.)
- DOORS HAVE ANODIZED AND COATED HARDWARE, REINFORCED CONTOUR FRAME WITH INTEGRATED RAIN GUTTER
- 40/60 SPLIT REAR DOORS WITH STORAGE POCKETS
- FULL 180° REAR OPENING FOR BETTER ACCESS
- REAR PULL OUT TRAY(S) - FULL OR HALF WIDTHS
- HALF OR FULL SLIDE OUT SIDE TRAY SHELVES
- COMPARTMENT DOOR SLAM LATCHES
- LUMA BAR LED LIGHTING IN REAR AND SIDE DOORS
- EXTERIOR SCENE AND EMERGENCY LIGHTING AVAILABLE
- INTERIOR CAB CONSOLES TO MOUNT CONTROL & DIGITAL RADIO HEADS, SWITCHES, ARM REST, CUP HOLDERS
- CLIMATE CONTROL SYSTEMS AVAILABLE
- CUSTOMER MAY SUPPLY THEIR OWN CHASSIS OR ESI CAN PROVIDE ASSISTANT IN SECURING A VEHICLE
- COMPLETE RAPID RESPONSE BODY CAN BE SHIPPED TO YOUR LOCATION
- PAINT OPTIONS AVAILABLE TO MATCH YOUR CAB COLOR OR WRAP
- AVAILABLE COMMAND CENTER ON REAR OR SIDE OF VEHICLE
- ...AND SO MUCH MORE.

BODY STYLES & SIZES

TWO STYLE LENGTHS: 6.5' OR 8' // TWO STYLE HEIGHTS: 44" OR 53"
RRU 644, RRU 844, RRU 653, RRU 853



BASELINE OPTIONS:

- SIDE COMPARTMENT, SMOOTH ALUMINUM:
 - FULL OR HALF WIDTH
 - 9", 15", 23" OR CUSTOM DEPTH
- SIDE SLIDE-OUT TRAY STYLES:
 - ANGLED OR STRAIGHT WITH RETRACTABLE LOCKING SLIDES
 - DOUBLE STACKED TRAYS AVAILABLE FOR RIU 653 & RRU 853 ONLY
- REAR FLOOR TRAY STYLES:
 - FULL, HALF OR 60% WIDTH FOR 6.5' OR 8' BODY
 - 100% PULL-OUT, 2000LB CAPACITY
- STORAGE CHUTES FOR TENTS, TRAFFIC CONES, ETC.
- REAR FACING EQUIPMENT CABINETS FOR TOOLS, POWER UNIT, HOSES, MEDICAL GEAR, ETC.
- REAR VERTICAL SLIDE-OUT WALL
- BACKBOARD STORAGE SLEEVE HOLDS 1 OR 2 BACKBOARDS
- INCIDENT COMMAND CONSOLE: FIXED OR PIVOTING
- STANDARD EMERGENCY LIGHTING PACKAGES AVAILABLE

CUSTOM EQUIPMENT MOUNT & DESIGNS ARE AVAILABLE
FIND ADDITIONAL FEATURES AND OPTIONS ONLINE AT WWW.ESIAPPARATUS.COM



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ESI RAPID RESPONSE UNITS

RESPONSE SOLUTION

A responder vehicle solution with capabilities that overcomes the refinements faced today - reduced workforce and budgets, aging apparatus, and increased calls. Capable of housing your mission-specific equipment to maximize performance and deployment efficiency needs, whatever they may. Armed with everything needed for immediate rescue/assist capabilities all located inside a weather-resistant, time-tested, transferable cap on any 6ft or 8ft Pick-Up Truck bed giving you a superior payload for equipment /personnel compared to that of an SUV while relieving the workload of the larger, more expensive, apparatus. With the ability to combine equipment from several existing apparatus to allow for more efficient operations , the RRU concept, designed purposefully, can reduce operating costs for a department and save the big trucks for the big jobs where they will always be needed.



TRANSFERABLE

Our customers tell us due to the transferability, they have a lower cost of ownership and better response times while increasing the versatility of their fleet. ESI Rapid Response body-inserts fit any domestic heavy-duty pick-up truck bed (6.5' or 8') including Ford, Chevrolet/GMC, and Dodge, AND are completely transferable. Our unique Shim Kits allow you to transfer your RRU body between truck manufactures (from Dodge to Ford, etc.), taking transferability to a whole other level. The he expected lifespan of the RRU body is 15 to 25 years, exceeding the life of 2, sometimes 3 pickup trucks. Once you're finished with the pickup truck, the user can slide the RRU body off and transfer it to another truck OR reuse the untouched pickup bed for utility purposes.

PLUG-AND-PLAY

Specifically engineered to outlive the life of multiple pick-up trucks, ESI Rapid Response Units are purposefully designed to be Plug-and-Play. The Power System includes new lithium-ion battery technology and upgraded Inverter technology featuring PDC Exterior Annunciator and intelligent battery charging system. All wiring (Lighting, Radios, Monitors, HVAC Units, etc.) for the power system is neatly contained in our custom-built PDC boards (Power Distribution Center) mounted inside the body. The PDC board is connected to the truck with one single wiring harness, giving you the ability to simply "unplug" the Cap and transfer it to the next truck, quickly and easily.

ECONOMICAL ADVANTAGE

Departments typically engage with us when they are struggling to find a highly effective, cost efficient way to respond to calls while dealing with less manpower and smaller budgets. Smaller rescue vehicles are filling the need for many departments where a larger truck is above budget restraints and staffing requirements. Less expensive to operate and capable of carrying everything needed for ever-changing responder needs, Rapid Response Unit decreases the number of crew members required and leaves the larger, more expensive truck for a call that requires its use, extending the life of your larger trucks with less wear and tear. The fast and easy transfer of the cap allows the vehicle to be back in service quickly. These units serve as a more economical and efficient response to motor vehicle crashes with lower cost of ownership, better response times, and increased fleet versatility



FLEET VERSATILITY

ESI Rapid Response Units are purpose-built to reduce your operating costs while increasing the versatility of your fleet. Fully Enclosed to ensure maximum protection from the elements, made with lightweight fiberglass to maximize fuel efficiency, and maximized specifically for your performance and deployment needs, however specialized they may be. With endless detail-oriented custom equipment compartments and available cutting edge automation, ESI Rapid Response Units are capable of housing your mission-specific equipment all inside a weather-resistant, time-tested, transferable cap that fits on any 6ft or 8ft Pick-Up Truck bed. Once you're finished with the pickup truck, the user can slide the RRU body off and transfer it to another truck OR reuse the untouched pickup bed for utility purposes, making ESI Rapid Response Units fit almost anywhere in a fleet.

MISSION-BUILT

ESI Designs, fabricates, and installs equipment & accessories to maximize performance and deployment through well thought out and proven, mission-built features and detail-oriented compartments for ever-changing responder needs, arming you with everything needed for immediate rescue and assist capabilities. With a reinforced roof to accommodate such features as light towers, drone launch pads, along with internal structural additions specific to your needs, these units upfitted with custom, mission-specific compartments will maximize response and deployment needs. Increase your efficiency and be readily deployable with affordable, reliable, and mission-built response vehicles.

X TREME RESPONSE UNIT

ESI Apparatus division, dominant in the field of custom purpose-built first responder apparatus, is adding a new and unique innovation to their Rapid Response Unit (RRU) line. Introducing, XRU (Xtreme Response Unit), a highly functional off-road rescue response vehicle designed by TOMCAR to be easy to operate with limited training. The four-wheel independent suspension allows a smooth and comfortable ride over the most rugged terrain and can travel up to 65 MPH. The XRU is transformable to be mission-built for the ever-changing responders' specific needs.

THE ENGINE

YOUR CHOICE OF GAS, ELECTRIC OR HYBRID. TOMCAR is equipped with a rear-mounted gas, diesel or electric engine.

GAS – 1.5L four-cylinder 16 valve engine providing enough power and range for days of work in the field.

ELECTRIC – A fully electric model is available with up to 90KW (120 HP) and optional diesel engine range extenders.

HYBRID – Parallel power train combining 160 HP, 2.1L turbo diesel engine and a 96V, 60HP electric motor.

THE SUSPENSION

Taking you anywhere and back.

Heavy payload? Going over harsh terrain? It's nothing our adjustable

Racing Shocks and Eibach Springs with Bump stop can't handle. With a long travel, 4-wheel independent suspension, specifically designed to prevent roll-over and absorb the harshest terrain for extended periods of time.



LOW CENTER OF GRAVITY

Thanks to its unique design, only TOMCAR gives you a very low center of gravity combined with the highest ground clearance of any off-road utility vehicle available.



FORESTRY



URBAN

THE LAST THING YOU NEED TO WORRY ABOUT, IS GETTING THERE.

THE FRAME

AN ARMORED "COCOON." TOMCAR's frame is made of over-sized, high grade steel, which is fully welded to create an armored "cocoon" that protects occupants from injury. The undercarriage skid plates are made from aircraft grade aluminum allowing the TOMCAR to glide over the largest of obstacles. All TOMCAR frames come with a lifetime warranty for decades of reliable service.

*Engineered to meet Roll Over Protection Standards of ISO 3471:2008 & compliant with ANSI ROHVA-12011



SAFETY

DESIGNED FOR POWER, ENGINEERED FOR SAFETY.

Beyond its tough steel frame, all TOMCAR models include 4-wheel disk brakes, emergency parking brakes and 4-point safety harnesses. Additional options include; full coverage windshield, a soft canopy top, full or half doors, LED Lighting, a 9,500-pound winch, fire extinguisher, tow bar and aftermarket suspension seats.

GROUND CLEARANCE

AN INDUSTRY LEADING 17" OF GROUND CLEARANCE. With TOMCAR's whopping 17" of ground clearance, this vehicle is tall enough to float over rocks and debris yet still agile enough to scale stony hillsides. TOMCAR's drive components are shielded by a single piece high grade aluminum skid plate which protects the entire underside of the vehicle.

PAYLOAD

CARRY THE COMPETITION, LITERALLY. TOMCAR boasts a class leading payload of up to 2,700 pounds over 100% standard without compromising the stability, smoothness and safety of the ride.

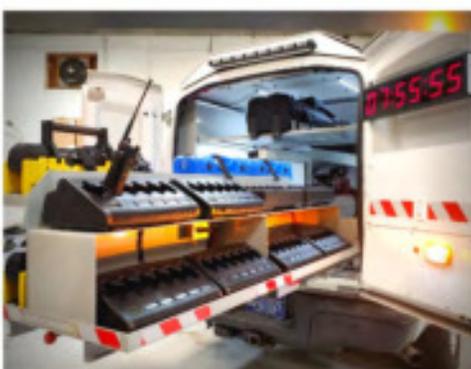


FIRE/EMS



MEDICAL

WELCOME TO THE NEW ERA



OF ENDLESS POSSIBILITIES



