

TOYOTA LAND CRUISER- HARD TOP HIGH-ROOF AMBULANCE

Technical Specification of Conversion

Category	Item	Specification
Patient's compartment materials	Side walls, Ceiling	Utilization of fire-retardant materials to achieve maximum adiabatic and acoustic environment inside the patient's cabin. Constructed from GRP, ABS, and PVC foam sheets for cabinets and partitions (100% waterproof), as well as aluminum sheets
Installation preparation for compartments	Reinforcement	Aluminum and galvanized steel for installation of interior body Medical and non-medical compartments according to EN 1789
Floor	Washable floor	Covered with medical grades, anti-static and anti-bacterial PVC
Communication	Sliding window	on the partition
	Intercoms	Speaker / Mic for communicating between Driver and patient cabin
Furniture	Bench	Metal Structure and P.V.C foam sheet with cushion and two-point seatbelts. Also, Providing extra storage place
O2	O2 Cylinder	2 x 10 lit O2 cylinders
	O2 distribution system	O2 cylinder management and changeover of two high-pressure cylinders.
	O2 outlet	2 x O2 quick coupling outlet for most demanding O2
Climate control	A/C and heating	Separate A/C and heater in patient cabin
Electrical system	Control panel	control panel with variation of switches to control A/C, heater, interior lights, intercom system, spotlight, etc.
	Illumination	LED lights and spotlight to provide min 100 lux illumination on patient's area. Night light (Blue)

Dual action roof fan	Provide min 20 times air change in patient's cabin
Electricity outlets	- 2 x 12 V outlets
	- 2x 230 V outlets
Invertor	230 V / Inventor
Charger	1 x Battery charger
Offshore Power Plug	1 x Offshore Power Plug 230V
External lighting	light bar, Siren, Amplifier and Microphone
Spotlight	At rear door for out sides illumination
Fire and Safety tools	Emergency hammer
	Seat belt cutter
	Fire extinguisher
Exterior body strips and marking	Symbol: Based on the End-user guideline
	Ambulance: To the right - left – rear and roof
	Lettering: The mirror image of the word (ambulance) located in the front
	Colorful decoration sticker: Based on the End-User guideline
Front Bumper Protection	Bul Bar with flashing lights + Front winch
Wheels	All-Terrain wheels

Technical Specification of Medical Equipment

Category	Item	Details of specification
Main Stretchers	Roll-in stretcher	Royax roll-in Chair-able stretcher, ARSH
	Scoop stretchers	Royax scoop stretcher elliptic
	Spinal board	Royax X-ray translucent, MRI compatible so as compatible with all kinds of head immobilizers. + Spinal Straps
Loading Platform	Basic platform	Loading basic platform for fixing the roll in stretcher
Short Spinal Board KED	KED	Royax immobilize for patient's head and spine.
CPR Kit	CPR and trauma kit	C.P.R Case, Class II
Alcohol Test	Alcohol Ignition Interlock Device	Dräger Interlock® 7500
Respiratory	Suction machine	Portable suction pump Model V7 Hersill
Defibrillator s Monitoring	Portable Defibrillator + Monitoring	Manual/Automatic Defibrillator, Monitoring ECG, HR, Spo2, NIBP Model Reanibex 700
Ventilator	Ventilator machine	Most advanced ventilator technology Model VITAE®40 by Hersill
Oxygen cylinder	2 x Oxygen Cylinders, Steel, 10L with Valve	2 x 10 lit O2 cylinders O2 cylinder management and changeover of two high-pressure cylinders. 2 x O2 quick coupling outlet for most demanding O2

Medical equipment description **CHAIRABLE STRETCHER ARSH**

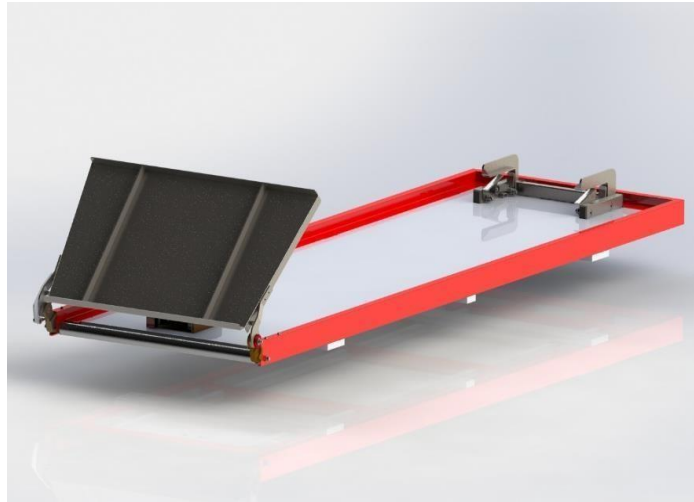


Royax Chair-Able Stretchers “Arsh”

Dual-usage stretchers with legs folding option for use as cot or chair. A gas spring is integrated to allow stretcher Arsh to adjust infinite position until reaching the sitting position, discharging the operator from any sort of effort.

- The device can hold the rated load capacity in all positions.
- The lying area has adjustable backrest (countless positions from 0 to 90 using a gas spring)
- The device is fitted with four wheels. There are two 360° swivel wheels at the foot end fitted with brakes.
- The frame is of sturdy lightweight non twisting construction.
- The thorax area is manufactured of sturdy lightweight material which allows cardiopulmonary resuscitation without acting as a spring.
- All corners of the frame are radiused for greater safety.
- Metal frame construction has water and scratches resistant paint finish unaffected by disinfectants.
- The patient restraint system has a quick release system.
- Pilot restraint system (optional)
- Mattress is divided into four separate sections.
- Loading capacity: 250 KG
- Dimensions: L 199 cm / W 61 cm / H 89 cm
- Straps: restrain system included
- Weight: 42 KG
- Material: Aluminum in proper grade according to the stretcher loading capacity

BASIC PLATFORM I



Designed for loading and unloading the ambulance stretcher smoothly. Stainless steel surface and flops.

The aluminum alloy structure increases its resistance against rust and corrosion.

- Easy to install.
- Aluminum Main chassis
- Stainless steel tray
- Stainless steel ramp
- Suitable for most stretchers in the world

Spinal Board



- Design provides the optimal combination of rigidity, x-ray translucence and MRI compatibility.
- Smooth High Density Polyethylene material, Special, unique design reduces the weight and increases the stiffness and durability.
- 100% X-ray translucent and MRI compatible
- No foam filled.
- Easy to clean and disinfect.
- A fully sealed construction makes it fluid resistant.
- Ergonomic hand holes at both ends and sides provide the best possible transport.
- Meets national and international guidelines for immobilization.
- Where time saving is your goal.

Scoop Stretcher Elliptic



Improved features due to the elliptical shape of the tubes allow higher load capacity and lower weight of the product. Simply slides under body without the need for rolling or lifting to reduce the risk of further injury as it uncouples at either end or both ends.

Industrial-strength lightweight and durable structure

- Combination of aluminum, polymers, and composite
- Oval aluminum tubes bring higher loading capacity.
- Telescopic tubes allow length adjustments to fit patients of various heights.
- Secured locking system.
- Folding in half
- Three nylon fixing straps

ROYAX CPR KIT

ROYAX medical cases and kits have been designed and produced with the purpose of providing durability.

The most important comfort criterion of these products is to offer quick access to all chambers, sections, and medical instruments.

Made of high-quality material Waterproof and anti-sweat fabric Lightweight

Four exterior pockets with interior compartments for easy access Interior compartments adjustable based on Velcro system

Easy access to all contents

Inner straps to fix 2l oxygen cylinder and resuscitation bag. Easily han ways: hand & shoulder.



Respiratory



Suction Pump V7 Hersill

High quality and high-performance portable suction units.

Due to their versatility, they can be used in hospitals, ambulances, home-care therapies, and other emergency services. Suitable for surgery, gynecology and ORL.

High vacuum suction units: high flow (30 L/min), low flow (14 or 20 L/min) depending on the model. Low vacuum suction unit: V7g Continuous-Intermittent (5 L/min). Specifically developed for gastric and wound drainage, and therapies requiring precise low vacuum conditions. V7 plus b, V7 plus b emergency and V7 mx are specifically designed for ambulance, patient transport, and useable at scene.

ABS ergonomic case.

Rear fixing system for wall brackets tested to resist accelerations and decelerations of 10g in longitudinal, transverse, and vertical direction (according to European Norm UNE-EN-1789: 2000).

Piston type suction pump (V7g: membrane type suction pump). All models are oil-free and maintenance-free.

Vacuum control knob (V7g: intermittent programmer control knob and vacuum control knob).

Vacuum gauge from / to: 0-100 kPa / 0-760 mmHg. (V7g: vacuum display from/to: 0-20 kPa (0-150 mmHg)). Waterproof ON/OFF switch with guard.

Battery: LED battery level indicator lights (included in all models).

PC1 /PC2 polycarbonate suction jar (1 L / 2 L) with overfilling safety valve: Autoclavable up to 121 °C / 250 °F (Please check our accessory section for further configurations).

Bacteria filter and suction hoses included (PVC tubes 8 x 13 mm). 2 m to patient hose. Yank Auer cannula.

V7g: LED lights: ON, intermittent, vacuum level, vacuum indicator, and battery status.

Intermittence programmer control knobs and vacuum control knob.

Oxygen System



Steel Oxygen Cylinder, + Valve

- Size: 10L Oxygen Medical Cylinders made of Steel,
- Valve comes with safety pin for additional security.
- Supplied with Oxygen Mask and Hoses

Royax KED



The effective use of this device is when applied to securely immobilize the patient's head and spine. In the absence of spinal boards this device is a perfect spinal immobilizer, unlike spinal boards KED folds around the patient and is in place by straps across the forehead and chin and built-in straps across the chest and around the thighs, preventing further injuries.

Ventilator



Oxygen Ventilator VITAE 40, Hersill

The VITAE[®]40 lung ventilator integrates the most advanced technology in a device of less than 1.4 Kg designed to be held in one hand for any emergency and transport stage. Its new and exclusive ergonomic concept, with all the connections aligned in the anchorage axis, allows a minimum occupation in the vehicle and an easy interchange between its wall, ceiling, rail, trolley, and transport cases.

The VITAE[®]40 includes all the advanced ventilation modes (until now only available in some intensive care ventilators), integrates capnography options (including an interface for volumetric capnography) and wireless communications (Bluetooth) for selective download of ventilation records for real-time or remote analysis from the hospital. It also includes specific ventilation modes and exclusive assistant for CPR according to the latest ERC and AHA guidelines.

With the VITAE[®]40, the emergency services, mobile ICUs and all areas of the hospital can be provided, in a single device, of the most modern handheld respirator with intensive care features and CPR wizards, an advanced capnograph and an Oxygen-Air flowmeter blender suitable for a high-flow therapy.

Certified for land and air transport (tested according to the latest IEC, ISO, EN and RTCA standards).

Defibrillation + Monitoring



Manual + AED Defibrillator & Monitoring

The Reanibex 700 is a defibrillator monitor specially developed to respond to out-of-hospital and hospital emergencies. It can monitor the ECG signal, providing non-invasive pacemaker therapy, measuring blood oxygen level, non-invasive blood pressure, and defibrillation all in a single device. It is equipped with a large color screen to clearly display patient information, as well as a printer for printing the monitored information. The Reanibex 700's conventional style makes the healthcare professional feel comfortable with the equipment. The Reanibex 700 is very intuitive, and its simple design enables professionals to provide a quick and effective response in a medical emergency.

- Biphasic technology.
- Universal AED algorithm for adult and pediatric patients.
- Shocks up to 200 J.
- Large high resolution 5.7" and color display for monitoring up to 6+6 channels.
- The screen can be set to high contrast mode.
- Its built-in metronome helps achieve the right rhythm when performing compressions.
- Real-time information about whether compressions are correct or not.
- Non-invasive pacing.
- Pulse oximetry with Masimo Set technology for adult and pediatric patients.
- Non-Invasive blood pressure.
- Synchronized cardioversion.
- Acquisition of 12 ECG leads.
- 50 mm recorder.
- Reusable adult & pediatric external paddles with defibrillator & printer control from the paddles.

- Operates on mains AC, vehicle battery DC supply or with own battery.
- Compact Flash memory card.
- Self-test at power-up and during operation

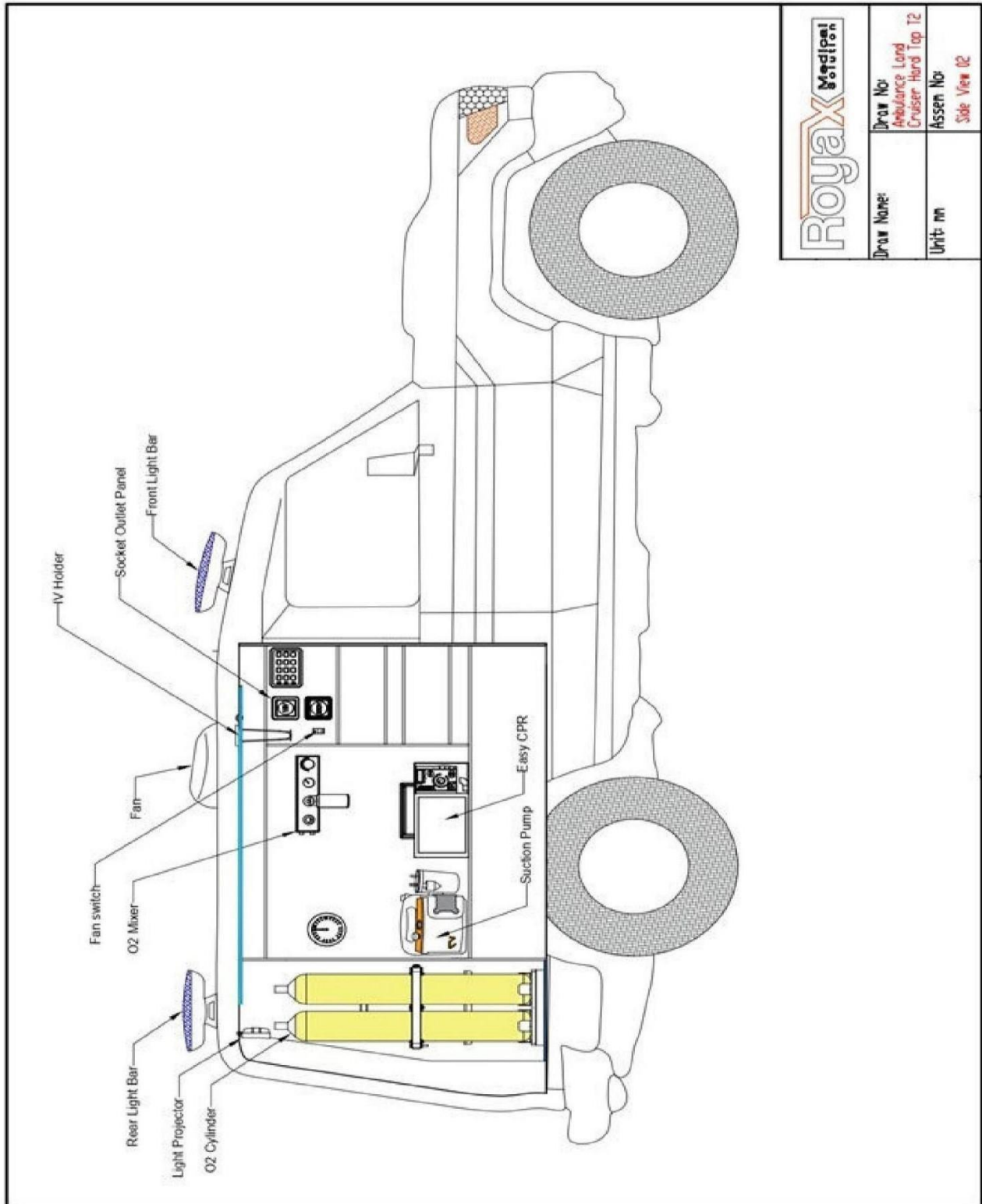
Alcohol Ignition Interlock Device



Dräger Interlock® 7500

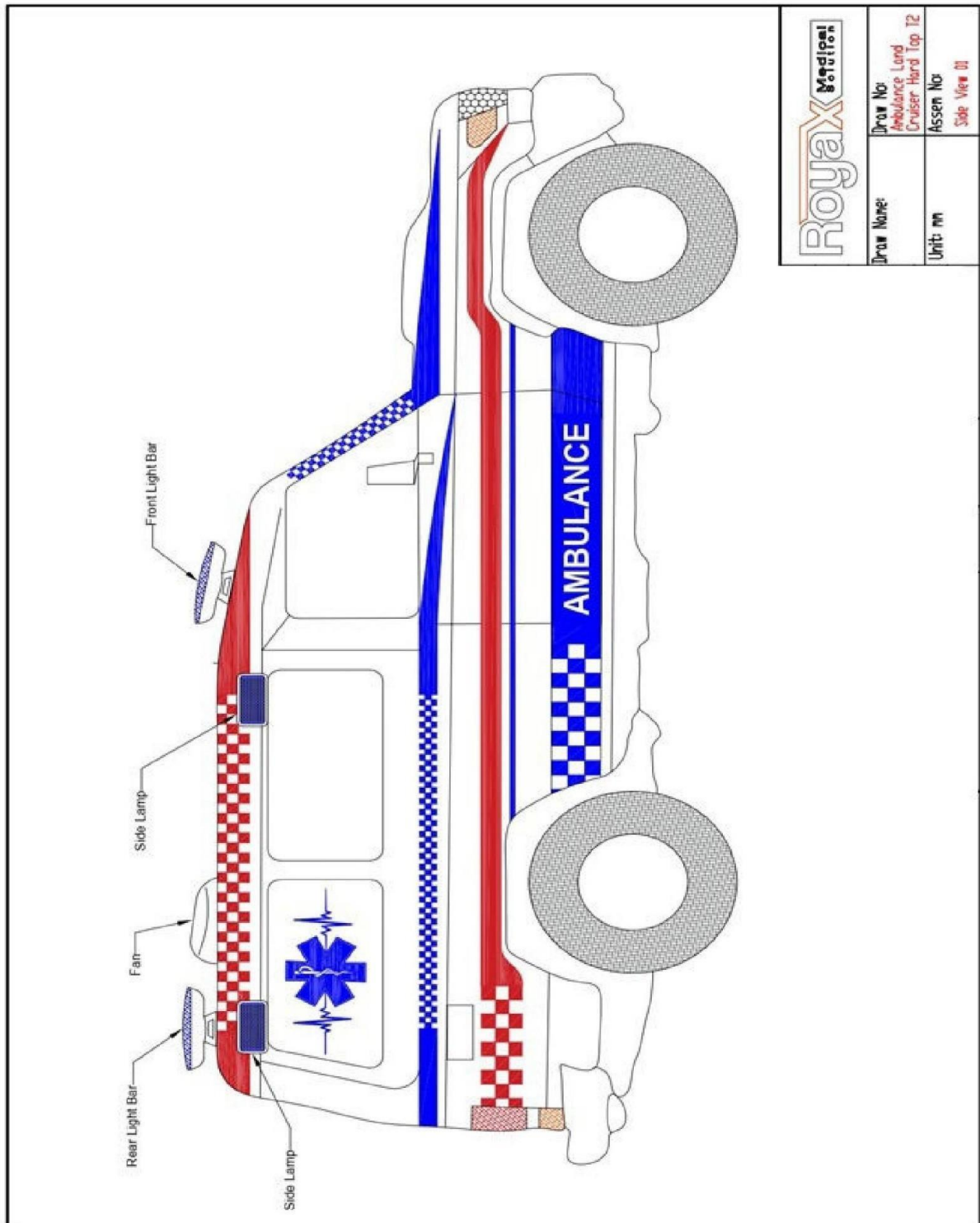
The Dräger Interlock® 7500 is an alcohol ignition interlock device which prevents a person under the influence of alcohol from starting the vehicle. The Interlock® 7500 has a quick start-up time. Additionally, the device can be equipped with a camera, a GPS and/or a mobile data transfer module, according to the specific customer requirements.

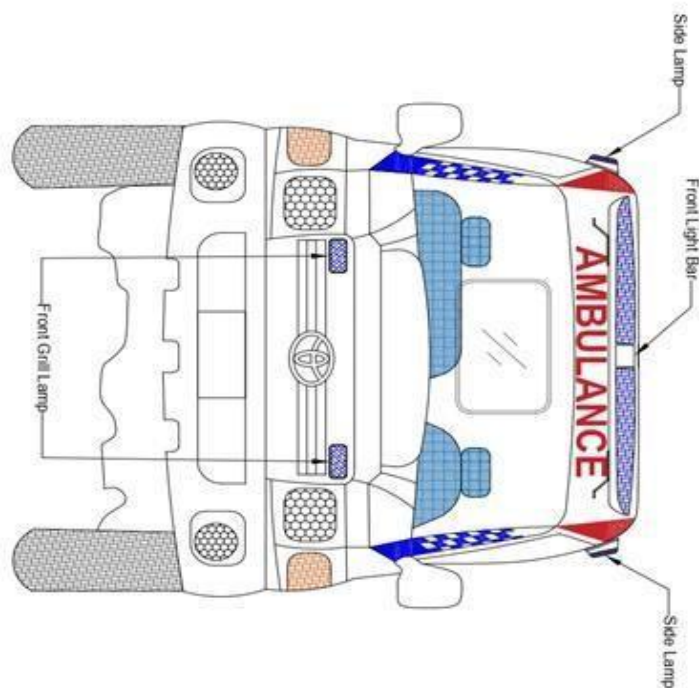
AMBULANCE DRAWING



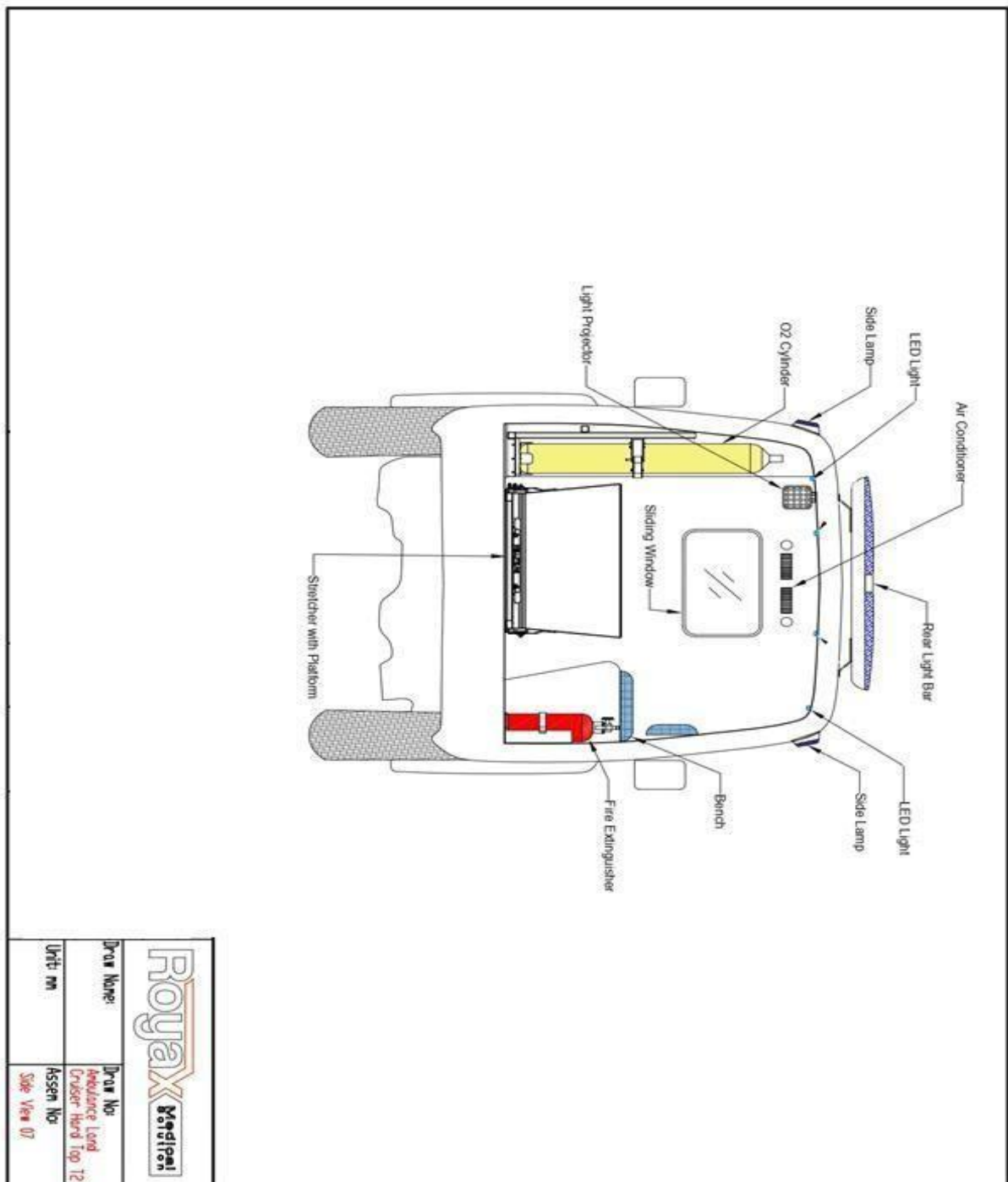
Royax Medical

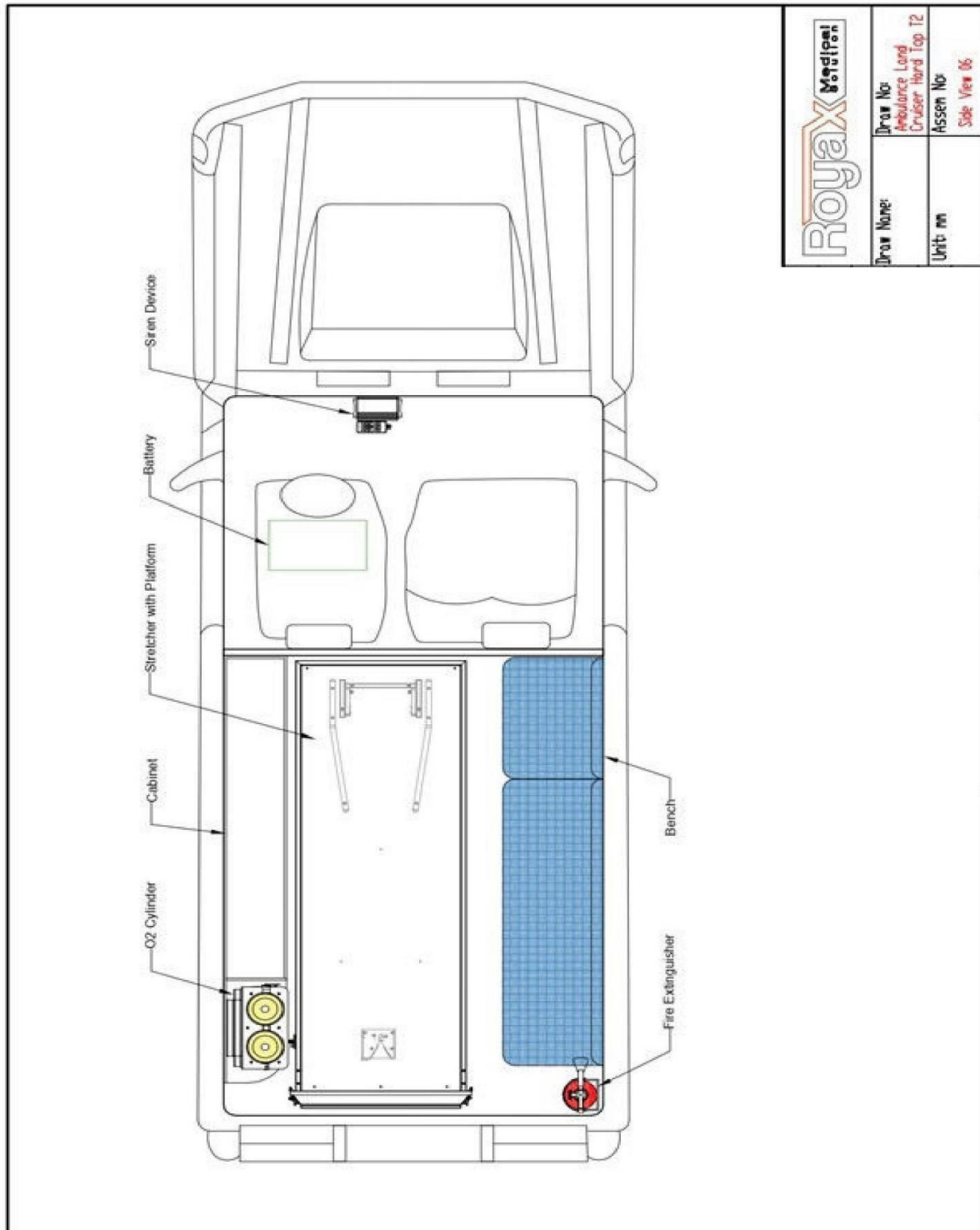
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