

EOD



ARIOTEK® X-Ray Detection System



Key Features

- High-End Processor Technology
- Luggage Counter
- Previous Visible Image Recall
- Dual-Direction Scanning, 10 minutes Ready to Work
- Full Reverse Mode
- Time/Date Displaying & Marking
- Bi-directional scanning, 10 minutes standby
- counter of passing people and the number of alarms
- Can be used in high traffic environments
- Scan a wide range of objects
- The ability to penetrate steel up to a depth of 30 mm
- Extremely high sensitivity in the detection of small metals
- Insulation and air conditioning
- Multiple language interface (Persian, English, Arabic)

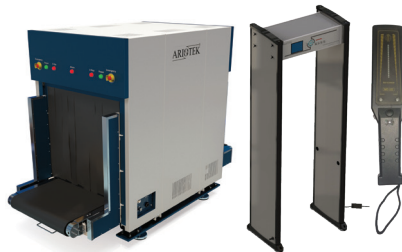
Rayan Roshd Afzar Company (Ltd) is a manufacturer of a complete neutral check workshop equipped in an Isuzu truck. This system is a mobile and independent system for immediate and flexible identification and diagnosis, which is ideal for on-site security identification. Ports and borders, airports, sports arenas, conference centers, universities, parks, etc. At its core, the vehicle has a powerful X-ray scanner to check a wide range of objects such as cargo, electronics, boxes, backpacks, suitcases, baby carriages and more. Also, metal detector gate and manual metal detector inspection racket are part of this inspection system.

General Specifications

Model	NPR75M
Allowed weight	8400 kg
Gear box	MY6S
Clutch	Dry single plate with diaphragm spring
Tank capacity	100 liters
Tire	14PR-16-7.5 or R17.5/75/215
Suspension	Multi-layer flat spring equipped with shock absorber
Steering system	Direct injection equipped with turbo charger
Beam Angel	Hydraulic steering wheel
Engine	
Type	Inline 4 cylinder high valve, 4HK E4N, intercooler
Injector	Shared channel
Engine volume	5193 (cubic centimeters)
Maximum power	150/2600 (horsepower / revolutions per minute)
Maximum torque	402 (Nm/rpm)/1500
Chassis	
Type	ladder
Dimensions	6 x 850 x 7735 mm
Kind	SAPH440
The number of crossbars	7
Electric	
dynamo	50A-24V
battery	2x (65A-12V)
Brake system	
Type	Anti-lock with electronic controllers, Dual, hydraulic
Brake booster model	HBB
Rear and front axle brakes	Dum(320x120)
Hand brake	Mechanical from the end of the gearbox
Function	
Maximum speed with load	90 kilometers per hour
Maximum power uphill	35 percent
Minimum turning radius	8 meters

Inspection equipment

- X-Ray inspection system model RU985
- Gate metal detector 33 zones
- Hand-held metal detector inspection racket



Specifications of the 8-ton rear room

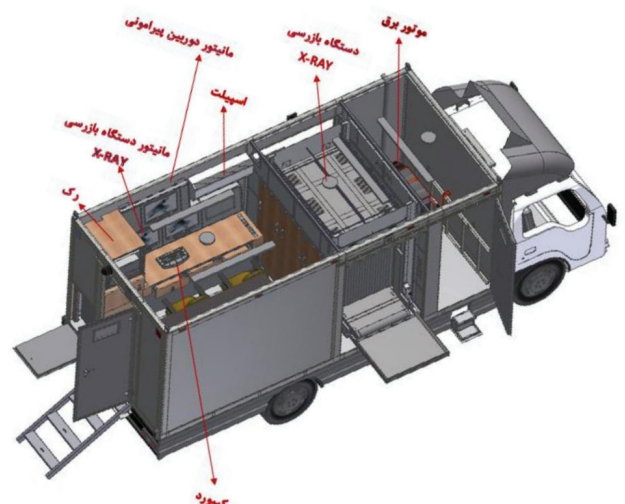
- Air-dry hardener epoxy exterior coating in white color
- Portable cabin with dimensions of 2200 x 2300 x 5150 mm
- 40 mm thick body with 1 mm galvanized steel sheet
- Structure of the floor of the room with a 6 mm thick corner coil
- A 10 ton oil jack for changing tires
- Installation of a hinged ladder on the canopies behind the driver's
- Wind deflector on the top of the car in the same color as the car
- Nine surveillance cameras for day and night vision
- Three 50W LED projector lights
- Earthing system with 10 meter grade earth wire and 50 earth nails
- Image Review
- Three phone sockets
- AC control box with miniature fuses with label
- Four voice iPhones to communicate with operators
- Environmental and individual dosimetry equipment
- Electricity and lighting supply and stabilization equipment

Operator's cabin equipment

- Two beds for resting and sitting, foldable
- A 12V LED light next to the lower bed
- Space under the bed to place a refrigerator and tool box
- CO2 fire extinguisher with a capacity of 4 kg
- One LG - NP126SK2 split
- Console with three 22-inch MSI brand monitors
- Two chairs equipped with rail movement with the ability to be fixed
- A DVR in the rack of the operator's room
- Camera recording events
- A fixed telephone set on the operator console
- Digital receiver and corresponding antenna to connect to the monitor

Electronic and telecommunication equipment

- City electricity 220 volts
- Generator electricity 220 volts
- 12 V external battery power
- 24 volt car battery power
- Super Silent Honda electric motor with a tank capacity of 16/5 liters



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Knowledge-Based Product