



Scan Van 8585

# ScanVan 8585

## HEIMANN MOBILE X-RAY INSPECTION SYSTEM



### Feature Highlights

- Mobile, flexible system
- Incorporates HI-SCAN 8585
- Heat insulated body
- Air-conditioner (option)
- Integrated power generator (option)
- Penetration up to 30 mm steel (typical)
- Film safe up to ISO 1600 / 33 DIN

ScanVan is a mobile X-ray inspection system using a self-propelled vehicle (van) with special interior fittings. The X-ray inspection system HI-SCAN 8585 is integrated.

The ScanVan has been designed for places where luggage, freight or mail is loaded or unloaded and has to be checked for customs or security purposes.

A heat-insulated body and an optionally installed powerful air-conditioner or heating system ensure optimum operation regardless of the climatic conditions.

To establish operation at AC mains, an integrated power generator is incorporated as an

option to supply the electrical devices independent of a mains source.

Fast and easy loading and unloading of items to be inspected is guaranteed by means of a powerful motorized conveyor at the input side and a heavy duty roller conveyor at the output. Both of them can be folded up into the vehicle. The height is adjustable to adapt both devices to the requirements of the operating area.

The operator space is provided with all necessary equipment to control the scanning process, e.g. monitor, keyboard, control panel with indicators and optionally an intercom system.

## Technical Data ScanVan 8585

### HI-SCAN 8585 General Specifications (refer to sheet 95588231 for more information)

Tunnel dimensions	855 (W) x 855 (H) [mm] • 33.7" (W) x 33.7" (H)
Max. object size	850 (W) x 850 (H) [mm] • 33.5" (W) x 33.5" (H)
Conveyor height <sup>1)</sup>	approx. 300 mm (11.8")
Conveyor speed at mains frequency 50 Hz / 60 Hz	approx. 0.2 / 0.24 [m/s]
Max. conveyor load even distributed over the whole conveyor	200 kg (441 lbs)
Conveyor system	integrated feed-in conveyor (length approx. 1.2 m (47.2")) HD discharge roller conveyor (length approx. 1.2 m (47.2")) fold down in horizontal position for operation standard: 36 AWG (0.13 mm) • typical: 38 AWG (0.1 mm)
Resolution (wire detectability)	standard: 27 mm • typical: 30 mm
Penetration (steel) <sup>3)</sup>	standard: 0.8 µSv (0.08 mrem) • with HI-MAT: 1.6 µSv (0.16 mrem)
X-ray dose / inspection (typical)	guaranteed up to ISO 1600 (33 DIN)
Film safety	100 %, no warm-up procedure required
Duty cycle	

### ScanVan 8585 General Specifications

Vehicle	vehicle DaimlerChrysler 3XX
Body	separated by means of a partition wall
Control	control desk
Safety	indicator X-ray on; emergency stop system
Power supply	external power supply 230 VAC or 110 VAC +10% / -15%; 50 Hz / 60 Hz ± 3 Hz; power cable for external power supply; power distribution
Additional features	accessories
Options	power generator; voltage stabilizer; counter panel; shelf; intercom system; illumination; sun-blind; 19" or 21" monitor; rapid heater; printer; rear view system

### Vehicle DaimlerChrysler Sprinter General Specifications

Standard vehicle <sup>5)</sup>	DaimlerChrysler Sprinter 313 CDI 4x2
Engine	diesel, water cooling system; 4 cylinders
Injection	Common rail; direct injection
Total displacement	2148 cm <sup>3</sup>
Output power • torque power	95 kW at 3800 rpm • 300 Nm at 1600 - 2400 rpm
Gross vehicle weight	3500 kg (7716.2 lbs)
Wheel base	3550 mm (139.8")
Fuel capacity	75 l
Electrical system	12 V
Options	reinforced battery (12 V / 100 Ah; central locking key / wireless controlled; automatic gearshift system; air conditioner / automatic heater control; fog lamps; electric window lift; rear wall door two wings 270°; special export version II (bad roads); laminated wind screen; clearance light front LH / rear RH yellow

<sup>1)</sup> from vehicle floor

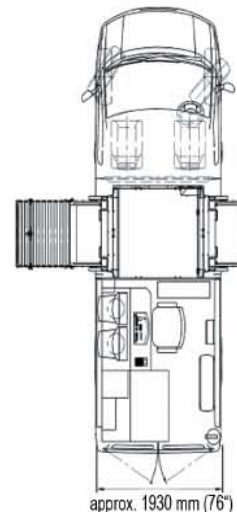
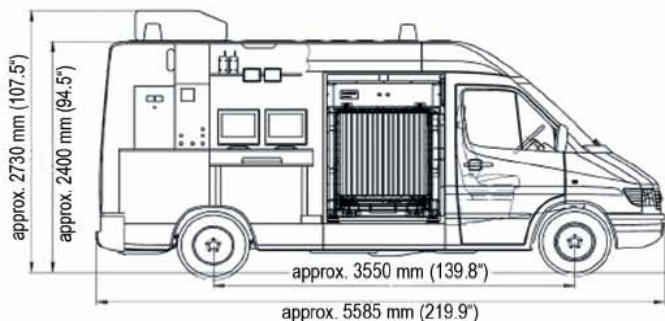
<sup>2)</sup> higher conveyor load at systems with frequency converter

<sup>3)</sup> Conds.: steel step wedge, CU wires, belt speed 0.2 m/s

<sup>4)</sup> extended temperature range on request

<sup>5)</sup> different values / types optional

<sup>6)</sup> without control desk, keyboard, monitor(s) etc.





If you would like further Information about ELAMAN,  
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