



HSS Falcon

The Next-Generation Screening Technology

HSS Falcon

A Revolutionary Solution

Apstec's next-generation screening technology, Human Security Scanner (HSS) Falcon delivers a quantum leap in security screening as the first solution able to screen people and their hand-carried / body-worn bags for explosives. The comprehensive, smart solution uniquely detects explosives, weapons, and narcotics on people and in bags.

Using a unique combination of detection technologies and sophisticated algorithms, HSS recognizes a wide spectrum of threats to provide a higher degree of security assurance. In contrast to walk-through metal detectors and weapon detection systems, HSS is NOT dependent on metallic content to detect threats such as low-metallic or non-metallic IEDs.



One Comprehensive, Smart Solution for People & Bags

The system's breakthrough ability to screen hand-carried and body-worn bags as well as people for multiple threats and substances enables customers to streamline their security technology deployments while providing a seamless security experience for visitors, staff and the public.

Highly mobile, HSS is designed for rapid installation, relocation or removal and can be installed indoors or outdoors. A cost-effective solution, deployed in minutes, with the ability to detect threats unlike any other technology, HSS enables organizations to significantly elevate their screening operations providing paramount security assurance, exceptional agility and a superior screening experience.

Customer Applications

Specifically designed for high-throughput, non-invasive screening of threats at publicly accessible locations such as:

- Entertainment Venues
- Sports Stadia
- Shopping Malls
- Places of Worship
- Exhibition & Conference Centres
- Tourist Attractions
- Theme Parks
- Corporate Headquarters
- Critical Infrastructure
- Hotels
- Mass Transport

People per hour

>2500

- AI-driven detection
- High-throughput
- Seamless, non-invasive, walkthrough
- Detects explosives, weapons & narcotics

See How It Actually Works

Scan the QR-code to learn more about HSS Falcon and what it does, how it detects threats, and how it can improve security and the screening experience. The future of security screening is here – learn how it can be beneficial for your business.



HSS Falcon Highlights

Placement	Indoor & outdoor
Throughput	2500 people/hour
Detection	Explosives, weapons, and narcotics
Screening	People and their hand-carried or body worn bags
Setup	Mobile
Installation	Quick



Specifications

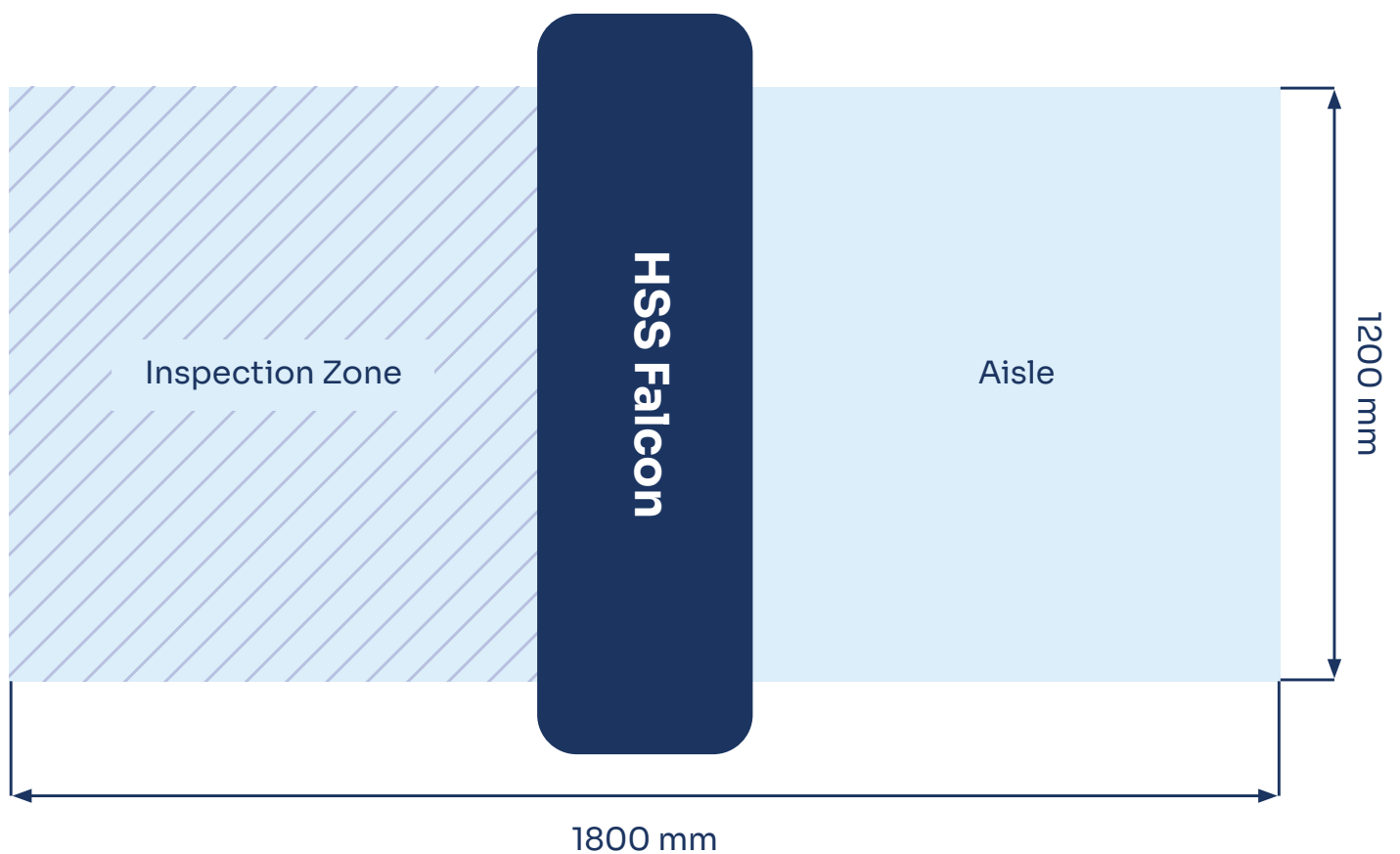
Width	134 cm
Height	239 cm
Depth	62 cm
Free passage	120 cm
Weight	130 kg (2 pillars)

Installation & Operation

Minimum space needed	150 cm width, 180 cm depth and 300 cm height
Power	200W / 220V / 50Hz
Works in temperature	-10°C to +55°C
Humidity conditions	5-90%, non-condensing

HSS Falcon may be deployed using a battery power source.

Setup





About us

Apstec® is a Swedish owned company with a global mission to make the world a safer place by developing innovative, AI-driven screening technology.

We're a leader in security solutions, specializing in advanced security screening technologies. With a commitment to providing safe, efficient, and cost-effective solutions, our products are trusted by clients worldwide.

Contact

If you want more information about our products, and more about us, visit **apstecsystems.com** or contact us at **info@apstecsystems.com**

Book a demo

If you're interested to learn more about how the products work and how they can help your organization, you can book a demo and we'll demonstrate it for you. Drop us a line at **info@apstecsystems.com** and we'll get back to you.

The Future of Security Screening