

# Product brief

# **EVK ABAS ThinLine**

Vo2-22-EN



Product specifications and descriptions are subject to change without prior notice. © EVK 2022

**EVK DI Kerschhaggl GmbH**

[www.evk.biz](http://www.evk.biz)

Europe, Americas:  
Raaba, Austria  
+43 316 461 664  
[office@evk.biz](mailto:office@evk.biz)

Asia pacific:  
Seoul, South Korea  
+82-10-5046-8141  
[youngsoo.lee@evk.biz](mailto:youngsoo.lee@evk.biz)



# EVK ABAS ThinLine

## Smart metal scanner

- Detection of ferrous, non-ferrous metals, stainless steel
- Direct steering of the ejection unit
- GigE Vision interface
- Working widths from 600 mm to 3000 mm

**Description** The EVK ABAS ThinLine (TL) is an inductive metal scanner for use in sensor-based sorting machines for detection and sorting of metals.

The sensor can be mounted under a conveyor belt and delivers spatially resolved information of conductive material in the material flow. The metal scanner produces binary information that drives a corresponding I/O module and subsequently ejection units.

In combination with an EVK proprietary I/O system, EVK ABAS TL offers a complete solution to machine builders for detection and sorting of metal particles.

**Key features**

- Real-time detection of ferrous and non-ferrous metal particles
- Available for working widths from 600 mm to 3000 mm
- EVK ABAS TL can be combined with EVK proprietary I/O module for driving ejection units

**Client benefits**

- In-line detection of metal objects in real-time
- Supports commonly used machine working dimensions
- Easy and fast integration
- Designed for use in harsh environments

**Typical applications**

- Recovery of metals in automotive scrap
- Recycling and recovery of metals in bulk material
- Recovery and elimination of metals in polymer sorting
- Recovery and elimination of metals in glass sorting
- Foreign body detection in wood
- Recycling of C&D waste

EVK DI Kerschhaggl GmbH

[www.evk.biz](http://www.evk.biz)

Europe, Americas:  
Raaba, Austria  
+43 316 461 664  
[office@evk.biz](mailto:office@evk.biz)

Asia pacific:  
Seoul, South Korea  
+82-10-5046-8141  
[youngsoo.lee@evk.biz](mailto:youngsoo.lee@evk.biz)

