

SCAPE SLIDING SCANNER RECOGNITION - PORTAL

**SAVE INSTALLATION TIME
AND GUARANTEE THE
OPTIMAL SCANNING
PERFORMANCE**



The Portal for the SCAPE Sliding Scanner Recognition™ is specifically designed to be the simplest choice and best option for all SCAPE systems with the SCAPE Sliding Scanner. The Portal guarantees the highest stability and best scanning performance of the SCAPE Sliding Scanner.

Together with the SCAPE Sliding Scanner, even very large parts can be easily handled in the Bin-Picking Application.

The Portal can be scaled for your needs and is available as a stand alone Scape product.

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SCAPE

THE BIN-PICKING COMPANY

GENERAL INFORMATION



With the SCAPE Sliding Scanner you can scan many bins with one scanner, and you can scan extremely large objects. It is even possible to share the SCAPE Sliding Scanner between two or more bin-picking robots. The scanner is mounted on a linear axis above the bin(s).

Two lasers project lines which are recorded by the camera in real-time as the unit moves. By triangulation 3D points are extracted from each image of the laser line. To avoid problems with the laser line being obstructed by bin-sides, the unit has two lasers with different projection angles.

Specifications of the SCAPE Sliding Scanner (OP14-11/13/14):

Field of View	Near: 250x250 mm Far: 600x600 mm
Working distance	280-290 mm
Resolution in X-Y plane	2.7-5.7 mm
Depth uncertainty RMS	0.3-3.1 mm
Depth range	Near: 345 [280;410] mm Far: 548 [372;920] mm

Both the SCAPE Sliding Scanner and the sliding Scanner Portal typically come in three sizes:

Stroke 2500 mm
Stroke 3500 mm
Stroke 6000 mm

Both the height and length of the portal are scalable.

- ✓ **Standardized for the SCAPE System**
- ✓ **Scalable and Flexible**
- ✓ **Saving Development & Implementation Time**
- ✓ **Reliable and Sturdy Design**