

AIRSKIN® ENABLES AN OPEN WORLD FOR ROBOTS

AIRSKIN® unleashes the full power of industrial automation by helping our customers to realize open and flexible robot applications. AIRSKIN® guarantees applications with the highest **SPEED**, smallest floor **SPACE**, maximum **FLEXIBILITY**, and highest **SAFETY** with PLe / Cat. 3 certification.

With AIRSKIN® the whole range of KUKA robots, from 6 kg to 300 kg payload, becomes available for safe fenceless applications.

AIRSKIN® EQUALS HIGHEST SAFETY

AIRSKIN® consists of soft and robust air-filled pads mounted on the robot. The embedded redundant safety electronics monitors internal air pressure and instantly react to contact anywhere on the robot. AIRSKIN® is certified according to **ISO 13849** with the highest safety performance level **PLe / Cat.3** and meets all industrial requirements, including high durability and IP54 rating.



Andreas Baldinger (CEO) and Petra Kaindlstorfer (CPO) at automatica 2023 next to AIRSKIN® KUKA Quantec

BENEFITS WITH AIRSKIN®

Speed	2 m/s - up to 6x faster than applications with cobots						
Flexibility	Safety system mounted on robot - flexible in location and task						
Space	Optimizing installation footprint up to 90%						
Payload & Reach	<table border="0"> <tr> <td>Agilus</td> <td>up to 10 kg and 1.1 m</td> </tr> <tr> <td>Cybertech</td> <td>up to 22 kg and 2.0 m</td> </tr> <tr> <td>Quantec</td> <td>up to 300 kg and 3.1 m</td> </tr> </table>	Agilus	up to 10 kg and 1.1 m	Cybertech	up to 22 kg and 2.0 m	Quantec	up to 300 kg and 3.1 m
Agilus	up to 10 kg and 1.1 m						
Cybertech	up to 22 kg and 2.0 m						
Quantec	up to 300 kg and 3.1 m						
Precision	Highest accuracy, repeatability and path consistency						
Durability	Trusted KUKA quality						
Risk Assessment	Prepared safety concept for easier application assessments						

EOAT-SAFETY WITH AIRSKIN®

With 10+ years of industry experience with fenceless and collaborative applications, AIRSKIN® offers proven solutions for all End of Arm Tools (EOAT).

AIRSKIN® SAFETYFLANGE	Compliant robotic collision sensor in PLe / Cat.3 for universal EoAT safety
AIRSKIN® MODULES	Modular AIRSKIN®- Pads fit together for one flexible solution to your custom automation
AIRSKIN® CUSTOMIZED	Any 3D form possible



CUSTOMERS, REFERENCES AND SUCCESS STORIES

AIRSKIN® has been successfully deployed in several industries such as automotive, FMCG and logistics. We have very satisfied customers in different markets worldwide with 200+ installations. If you are interested in AIRSKIN® applications and success stories, you can find them at airskin.io or contact our sales team directly.



AIRSKIN® PRODUCTS

KUKA AGILUS-2 AIRSKIN®

Type: KR 6/KR 10
 Range: R900-R1100
 optional with Safetyflange 10 or Pro
 \$9,450 to \$9,950 USD

KUKA QUANTEC-2 AIRSKIN®

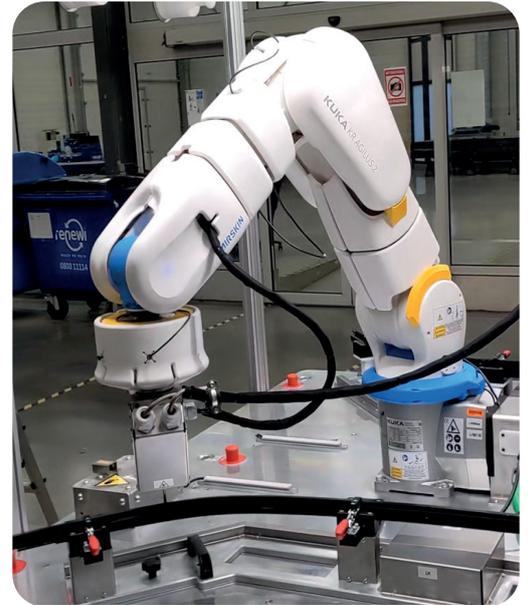
Type: KR 120 - KR 300
 Range: R2700 - R3100
 \$25,450 to \$31,450 USD

KUKA CYBERTECH-2 AIRSKIN®

Type: KR 12-KR 22
 Range: R1610-R2010
 optional with Safetyflange 20 or Pro
 \$16,950 to \$17,950 USD

AIRSKIN® SAFETYFLANGE (COMPLIANT ROBOTIC COLLISION SENSOR)

Payload: 10 - 20 kg.
 Weight: 0.7 - 4.2 kg.
 Compliance: 11 - 30 mm / 10°
 \$1,995 to \$5,795 USD



AIRSKIN® KUKA Agilus-2 for Assembly - Rail Greasing

APPLICATIONS



Pick & Place



Palletizing



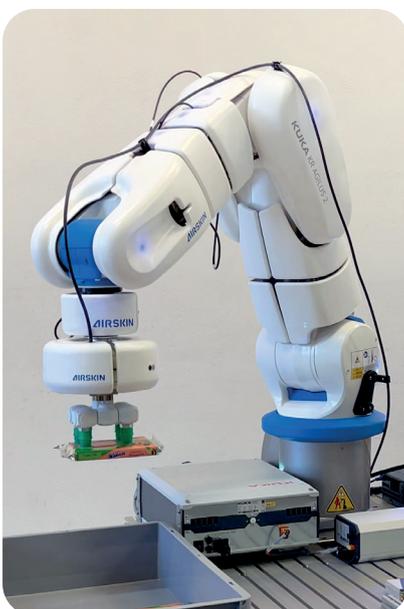
Assembling



Machine
Tending



Quality
Inspection



YOUR WAY TO KUKA FENCELESS WITH AIRSKIN®

- ▼ Contact DuroByte, KUKA or AIRSKIN®
- ▼ Feasibility and Concept
- ▼ Project Planning
- ▼ Ordering Process
- ▼ Installing at customer's site

DuroByte Inc.
 875 Foster Avenue, Unit #112,
 Windsor, Ontario N8X 4W3
 T: +1 519 250 1551
 M: info@durobyte.com

Blue Danube Robotics GmbH
 Niedermoserstrasse 14,
 1220 Vienna | Austria
 T: +43 1 890 86 97
 M: sales@airskin.io