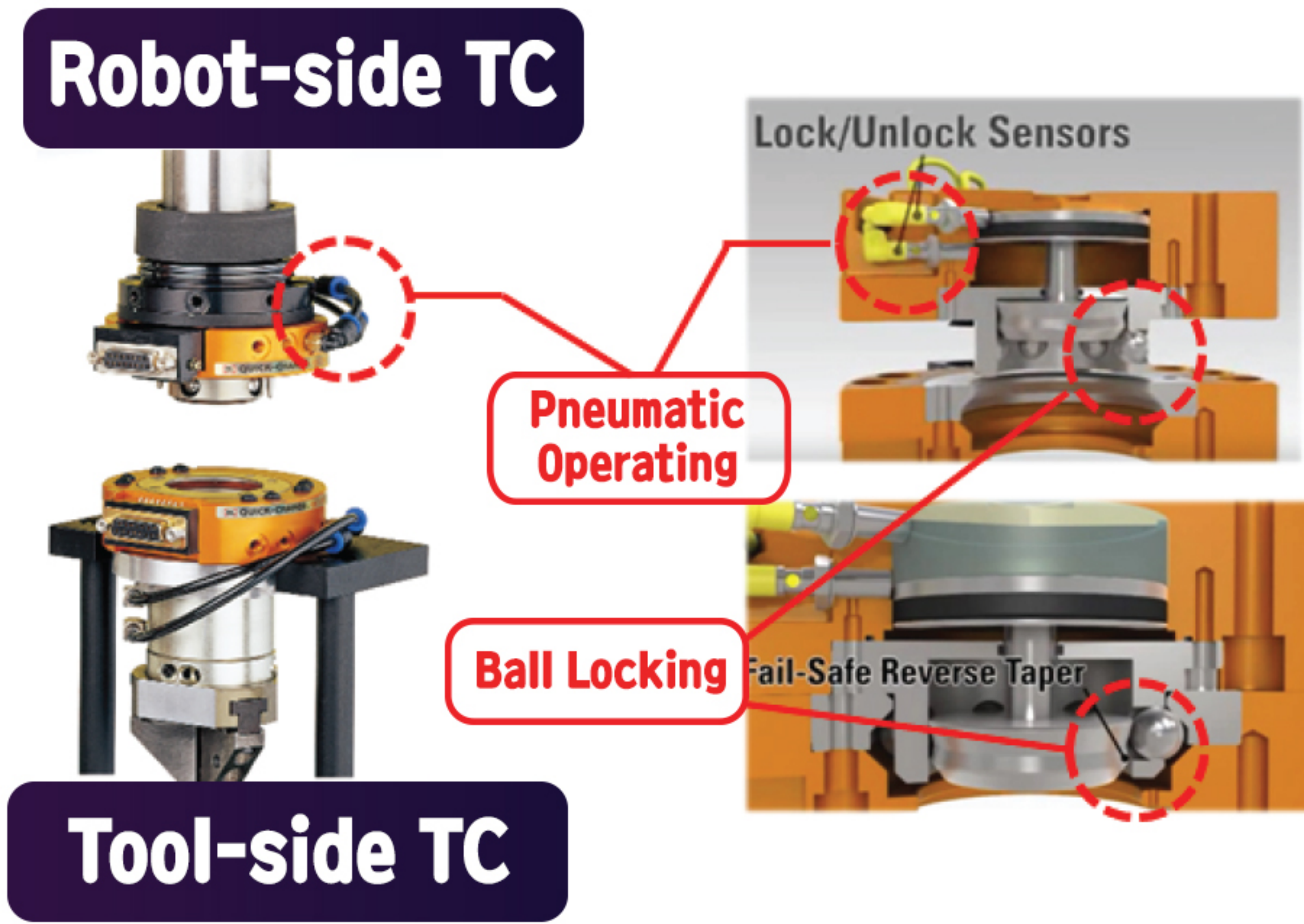


# Competitor's Robot Automatic Tool Changer



**TO-BE**

**UND Switching Magnetic Tech**  
**Fully Wireless-Structure**  
**Price Competitiveness**



**AS-IS**

**Pneumatic/Mechanical Tech**  
**Complicated Wired-Structure**  
**Expensive Changing System**

- Pneumatic/Mechanical Tech
  - all ATC makers in the world use the same Tech.
- Expensive System
  - Must use the air-compressor, air-cables, high-precision process
- Decrease the process efficiency
  - Complicated Wired-structure, worn ball, worn O-ring
- Robot's value down
  - Low expandability of Tool-side TC

# Competitiveness for Robot user's Value-up

	<b>Competitor Pneumatic &amp; Mechanical Ball-Locking System</b>	<b>UND Switching Magnetic Technology</b> Ultra-power, Ultra-fast, Ultra-simple changing system	
	Complicated Pneumatic Wired-Structure Must have Air-compressor and pneumatic wired-system	Completely Wireless Changing Structure	
	Vulnerable durability & Quality Issue Worn Balls, worn O-ring, air leakage	High Reliability and Durability	
	Expensive Changing System High-precision Ball Locking & Unlocking, Pneumatic system	Strong Price Competitiveness	
Expensive Tool-side Tool Changer Lower customer's tool expandability	Maximize the expandability for Robot Tools		

Magbot ATC provides innovative value to customer by expanding it not only as a ATC but also as **Magnetic Gripper** for pick & place process



2020 \*  
대한민국  
시식채널스튜디오

(주)유엔디 UND Co., Ltd.



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세계 최초  
완전 무선 로봇 자동 물체인저



Completely Wireless  
Automatic Tool Changer

Fully Wireless  
Magnetic Dropper



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The World's 1st





완전 무선 로봇 자동 물체인저



무선 도구 Value 100만원 상당



TCV3  
TCV2  
TCV1





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TCV1



TCV2



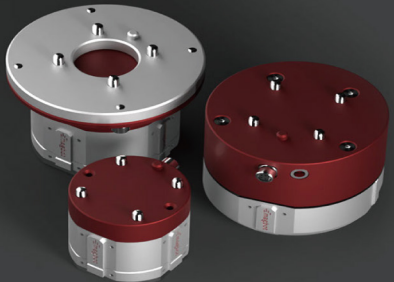
TCW1

**SUPER-FAST** | **SUPER-POWERFUL** | **SUPER-SIMPLE**

The World's **1**st

Completely **Wireless**  
**Automatic** Tool Changer

Fully **Wireless**  
**Magnetic** Gripper



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A new standard  
of robot automatic tool changer



**UNIVERSAL ROBOTS+**  
Certified

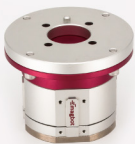
Accelerating the future of robotics for humans

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*Robot Automatic Tool Changer*

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The World 1st Fully Wireless  
Robot Automatic Tool Changer



Completely **Wireless**  
**Automatic** Tool Changer

Fully **Wireless**  
**Magnetic** Gripper