



# ATK™ ACTIVE TAPING KIT™

## INTEGRATED TAPING SOLUTION

The ATK is a finely tuned system based on the patented Active Compliant Technology (ACT) and a tape applicator optimized for robot use. This integrated complete solution automates the industrial taping and masking process with individual control of all process parameters: contact force, cutting, tape consumption. The ATK offers the highest process quality from one source. The system design is compact and light. The enormously durable Active Taping Kit is designed to apply various kinds of tapes on any part or surface with exact repeatability. It delivers perfect results without bubbles or wrinkles, 24/7.

**Function:** High speed quality taping  
**Applications:** Masking, sealing, taping

**PATENTED**  
TECHNOLOGY

**FR**  
**FERROBOTICS**  
perfect feeling

# ATK™ ACTIVE TAPING KIT™

## GLOBAL INNOVATION

### ACTIVE TAPING SOLUTION FOR INDUSTRY 4.0

- User-friendly industrial ready-to-use solution
- Robot-compatible sensitive tape applicator combined with all the benefits of the ACT system cooperation
- Easy tape and blade changing

### QUICK, FLEXIBLE, SAFE

- High performance and functionally optimized system for immediate integration
- Optimal functionality, productivity and process reliability

### CONTROL OF ALL PROCESS PARAMETERS

- Constant contact force regardless of the surface topography (straight + curvatures)
- Sensory check for torn tape or other tape faults
- Cutting
- Tape consumption

### TOP QUALITY

- Precise masking tape applicator thanks to a process-optimized compact and lean design
- No wrinkles and bubbles = flat tape transfer
- Exact repeatability and best accessibility
- Consistent quality level 24/7

COMPACT AND SIMPLE

PRECISE APPLICATION OF FORCE

DEVICES ARE FORCE-CALIBRATED

Control of the contact force on surfaces by ACT

High quality taping head (tape applicator)



Sensory check for torn tape or other tape faults

Control of the cutting and tape consumption

## SPECIFICATIONS

Ordercode	ATK/201
Max. force (push/pull) [N]	100
Stroke [mm]	35.5
Dimensions [mm]	Max. 335 x 290 x 265 - Bolt circle ISO 9409-1-80-6-M8 standard flange ø 80
Dead weight [kg]	~ 8
Power supply	<ul style="list-style-type: none"> <li>• 24 V DC</li> <li>• ø 8 mm air supply, max. 7 bar, 30 µm, ISO 8573-1 KL.3 (oil &amp; water free)</li> </ul>
Max. tape width [mm]	64 (from 6 to 64) - 2.5" (from 0.3" to 2.5")
Max. tape roll diameter [mm]	200 (7.8")
Tape applicator position	left or right
Air consumption [l/min]	5 - 11
Ambient temperature during operation [°C]	+5 ... +45

FerRobotics Compliant Robot Technology GmbH

Altenbergerstraße 69  
Science Park 4 / 5<sup>th</sup> Floor  
4040 Linz, AUSTRIA  
office@ferrobotics.at

FerRobotics Inc.

59 Prairie Parkway | 230 W. Baseline Road, Suite 108  
60136 GILBERTS | 85282 Tempe  
Illinois, USA | Arizona, USA  
office@ferrobotics.com