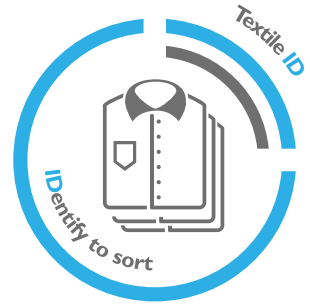


# ANTENNA “Tunnel” A-STI360 TUN

HF - multi read



## Customer benefits

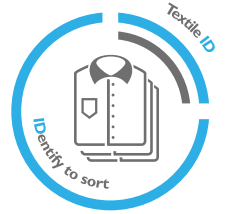
- Patented, fully ISO 15693 compliant bulk reading system for industrial laundries
- Fast and reliable identification of entire laundry bags on a conveyor belt
- Highest accuracy rates also as check-out solution for stacks of textiles
- Reads entire DATAMARS HF tag family (11mm - 15mm - 22mm)
- Reads up to 100 chips in 18 sec. and up to 50 chips in 9.5 sec (T-BTI315 HT)
- Available without transportation system (A-STI360TUN TOP) for easy integration into existing laundry structures

## Product description

Industrial laundries are now increasingly using tunnel antennas in order to solve the difficulty posed by transponder's position when used for dynamical industrial applications on conveyor belt systems. The tunnel antenna can identify textiles in soil bags or read textiles in bulk after bags have been unloaded on belt conveyor. Having a modular concept, the industrial RFID tunnel antenna can be easily integrated into existing laundry infrastructures. Thanks to a specific anti-collision algorithm the A-STI360 Tunnel antenna prioritises the reading accuracy in comparison to the reading speed.

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## Technical Data

### Antenna

Dimensions:	External: 150 × 82 × 80 cm Internal: 150 × 50 × 47 cm
Temperature:	Storage: -20°C – + 70 °C ( - 4°F – +158°F ) Operating: -15°C – + 60°C ( - 5°F – +140°F )
Humidity:	Up to 95% non-condensing
Connection:	3 coaxial cables supplied, Control cable
Operating frequency:	13.56 MHz
Power supply:	Through reader R-INI 300 MC
Operating Power:	Up to 50 cm with Transponder T-BT I 320
Reading speed:	1 - 4 W at 50 Ω

### Transportation System

Powered with 220V AC, variable speed (up to 0.3 m/s). Electronic cabinet.

Weight:	Antenna: 150 kg, Transportation system: 150 kg
Casing:	Stainless steel
Ordering information:	A-STI360 TUN (with transportation system) A-STI360 TUN TOP (without transportation system)

Subject to change without notice

DATAMARS, the inventor of the LaundryChip™, offers innovative RFID-based solutions which are the result of 20 years of industry experience that have enabled the company to establish itself as the global market leader in the textile identification market, with more than 700 clients in 24 countries and over 75 million RFID chips in use. DATAMARS RFID solutions are renowned for their accuracy and reliability by all equipment manufacturers serving the textile service industry. These solutions can be tailored to specific customer requirements and are completed by attractive service & support offerings.