



Flexible tyre-labelling machine for handling or truck-loading processes

**ASUN.T**



## ASUN.T inline tyre labelling



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A most versatile tyre-labelling print & apply machine which enables labels to be applied at any stage of the tyre production or storage process – and in truck-loading telescopic conveyors.



## #1 in Productivity

In case of failure, the main block can be replaced by a back-up block in 30 seconds – with no tools required!

## Precise and Reliable Label Adhesion

Progressive variable pressure application system. This ensures a durable adhesion of the label to most uneven surfaces (4x4 tyres, winter tyres, etc.).

## Quality Control

Online reports and checks on production, maintenance, etc.

## Automatic Adjustment of Label-application Height

Each label is applied centered on the tread of each tyre.

## Cut Down Technical Work at Plant by 98%

The number of technical interventions required at the plant is drastically cut down thanks to our telemaintenance application and the easy replacement of the main items, thereby increasing substantially the effective work hours of the machine.



## Main features

- 1 360° video camera
- 2 User-friendly interface with different language settings. Video tutorials are available for operators and maintenance personnel to solve eventual problems on the spot.
- 3 Protection cap with over-pressure system preventing dirt from entering.
- 4 Main module. Printer engine, bobbin holder and used liner collector in one single block.
- 5 Mono-block label applicator module.
- 6 Main dashboard. Main items (Automaton, speed variators, etc.) are adapted to the functional requirements of each tyre manufacturer.

## Telemaintenance

The ASUNT's telemaintenance application enables the machine operator to request remote technical assistance by simply pressing a button. In a matter of seconds our technical experts will take care of and solve the problem – no matter where your plant is located!

This is made possible by the following:

- All the key (speeds, temperature, position references of mechanical elements, pressures, cycle times, etc.) are measurable and can be monitored.
- Real-time high-quality monitoring of the details of the labelling process.
- Remote control by Albeniz's Technical Assistance Service.
- Multi-language interface.
- Online troubleshooting handbooks and videos.
- Preventive maintenance measures are automatically proposed and spare part can be ordered online.

Worldwide Support

Telemaintenance  
in one click.



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## Specifications

Specifications	Value
Simultaneous diferent label format-size aplication	NO
Real time label print	YES
Automatic label heigth position to center it in each tire	YES
Machine standby required to change consumables (labels and ribbon)	YES

## Printing engines

### Interfaces:

Centronics bi-directional acc. IEEE 1284	YES
RS232 C 1.200 up to 230.400 Baud/8 Bit	YES
USB 2.0 High Speed Slave for pc conection	YES
Ethernet 10/100 Base T, LPD, RawIPPrinting,ftp-Printing, DHCP, HTTP,SOAP FTP,SMTP, SNMP, TIME, Zeroconf, mDNS,	YES
RS422, RS485,1.200 up to 230.400 Baud/8 Bit	YES
WLAN card 802.11b/g WEP/WPA, PSK (TKIP)	YES
2x USB Master for external operation panel, keyboard, scanner or service key	YES

### Settings:

Internal time	YES
Internal date	YES
Digital or analog clock	YES
25 language settings	YES
System settings	YES
Print parameters	YES

### Monitoring:

Warning near end of labels	YES
Warning near end of ribbon	YES
End of ribbon	YES
End of roll	YES

### Productivity tools :

Integrated industrial touch screen	YES
Visibility of industrial PC interface screen from any angle (360°)	YES
360° video camera	YES
EAN 13 barcode checking reader	YES

### Machine interface:

Multilanguage interface	YES
Operator and maintenance user identification with password	YES
Production and Quality ONLINE reports	YES

### Operator interface:

Machine status messages	YES
Automatic delivery "near label and ribbon end" messages to other devices	YES
Operator manuals accessible in machine interface screen	YES
Machine problems sort-out videos accessible in machine screen	YES
Preventive maintenance operations proposal and status control system	YES

### Maintenance interface:

Maintenance manuals accessible in machine interface screen	YES
Machine problems sort-out videos accessible in machine screen	YES
Spare part stock control module (spare part automatic order to defined E-mails)	YES
Machine auto check option	YES
Telemaintenance request	YES
Preventive maintenance operations proposal and status control system	YES

### Temaintenance. Machine remote control level:

Automation devices (engines, pressure air elements...)control	YES
Machine label application real time images	YES
Camera remote control	YES
PLC parameters control	YES
Printer parameters control	YES
24 hours availability	YES

### Main block protection systems:

Protection cover with air overpressure "no dust" device	YES
Label - ribbon temperature control	YES

### Backup mainblock quick replacement system:

Sliding guides	YES
Label unwinder - printer - Liner rewinder replaced in a unique block	YES

### Label application belt device quick replacement system

YES

