

BST eltromat France SARL

Impasse de la Noisette – CE 402
F-91374 Verrières le Buisson cedex

bstfrance@bstfrance.net

Sarl au capital de € 207630
RC Corbeil B91645 – NAF : 4652 Z

+33 169 200741
+33 169 207808

Siret : 329 210 322 000 15
NIF : FR 64 329 210 322

Relations bancaires

BNP PARIBAS Verrières le Buisson

Agence 01326
Cpte 2701563733

BIC : BNPA FR PP MAS
IBAN : FR76 3000 4013 2600 0270 1563 733

Amcors Flexibles Sarrebourg

48 route de Sarreguemines,
F-57400 Sarrebourg

Mr. Bernard KERN
cc: Jerome VAZ

Quotation no: AQ0008264_MOD 1

Verrières, le 14/04/2022

Item	Quantity	Description	Price
I.	1	TubeScan XL Wide Web 100% VIEWING, COUNTING and PRINT INSPECTION SYSTEM with specific SLITTER Package for HIGH SPEED applications <u>for machine type:</u> Slitter <u>for the following technical data :</u> <u>max. web width:</u> 1200 <u>max. printing width:</u> 1200 <u>max. machine speed:</u> 400 <u>Material:</u> papier film ----- opaque translucent transparent reflective The TubeScan XL is designed as an optical quality assurance system for quality printing in the flexible packaging market . The intelligent combination of imaging technology and the strobe principle allows a simple and reliable quality check during processing. The system consists of a modular designed, highly integrated PC system and a digital camera unit. High-level camera technology and advanced operating elements are used together with the latest	

microelectronics.

The system performs a mark less synchronization and allows a digital ZOOM within the whole print development.

The TubeScan XL with its SLITTER package is specifically adapted for the inspection within slitting and finishing applications and includes the following functions:

- Counting and completeness
- Fine print inspection
- Turbo Speed Extension
- Placement Queue
- Dynamic Roll Map
- SLITTER PDF Print Report Manager
- Alarm Set

1 1 **TubeScan Digital Strobe XL
1400/6000 SLITTER**

100% high speed print image control for web widths up to 1400 mm consisting of:

- 1 TubeScan camera unit with digital HD cameras
- High power illumination with LEDs
- Power supply with wide voltage range
- Rotary encoder with spring suspension, incl. measuring wheel and cable
- 1 TubeScan Digital Strobe Software with graphical user interface, menu-driven, for intuitive touch control
- maximum observation speed: 800 m/min
- automatic image synchronization via reference image
- no additional print mark sensor necessary
- 15" touch screen

for program operation

- 32" 4k Full HD screen
for live image display
- 1 desktop PC with Intel i7 CPU
or better
- Windows 10 (64 bit operating system)
- 4k graphics card
- Backing Bar
incl. backlight
with translucent cover and
black/white acrylic contrast plate
- Universal mounting frame UMF
 - for mounting the
Tubescan XL camera housing
 - Web guiding by means of two rollers
diameter 100 mm
length 1450 mm
 - Traverse for encoder mounting
- Installation: LB_RB
- Encoder mounted at side: LB



- Electrical control cabinet, incl.:
 - mounting plate
 - cable duct
 - UPS, 230 V
 - Wiring, internal
 - Binary I/O module
 - Cooling fan
 - Cable set 4 m, external
 - Alarm set (red/green traffic light)
 - Base for floor mounting
 - Color: RAL 7035

**Note: The maximum distance
between the Tubescan camera housing
and the control cabinet is 4 m**

mounting way:
base mounting

Positions of cable glands:

Camera: RT (Right Top)
Monitor: LT (Left Top)
Alarm Set: RT (Right Top)
LAN: LT (Left Top)
I-O: LT (Left Top)

Power supply: LB (Left Bottom)

Function modules integrated into the TSDS XL SLITTER:

- ++ Version print image control
- Placement control for rewinders
- Control via SlowDown/FinalStop or DefectFound signals
- Configurable signal delay
- Dynamic Roll Map
 - Dynamic roll map
 - Storage of all detected defects per lane
 - Graphical display with zoom function
- Slitter PDF Print Rapport Manager
 - PDF error log
 - Display of reference image
 - Graphical display of the detected defects per web and linear meter
 - Output to printer possible
- Error memory with adaptive speed adjustment

Attention: Please note that the machine must be equipped for the stop signals and that the stop distance is sufficient.

Technical Information 'TubeScan Digital Strobe XL':

- Standard Inspection width: 1400 mm
- Max. theoretical physical inspection width (upon request, after verification): 1400 mm
- Camera housing width: 1560 mm
- Selected option concerning resolution: 6000
- Camera housing height: 290 mm
- Max. speed for inspection: 500 m/min
- Max. speed for 100% VIEWING: 800 m/min
- Resolution per square pixel: 0,25 mm
- Resolution in Pixel/mm²: 16
- Number of Cameras 100 % View: 3
- Stripe height in mm (only as indication): 6 mm
- Rough indication about detectable defect size: 0,9 x 0,9 mm

- 2 1 **Cable length 10 m**
for monitor cable
- 2 x HDMI
 - 1 x USB
 - 2 x Power supply
 - Protective hose

- 3 1 **Qlink SLITTER XL**
requires TSDS XL in ++ version
(SERVER Package: 1 NAS + 1 License RT - EDITOR GUI
+ 1 License DAM (DATA ARCHIVER MANAGEMENT))
BST part no. 1SOFT344686

- 4 1 Special Adaption to AMCOR specific IT GRID power
supply

Total price, ex works..... € 41 563,00

On the mentioned price we grant you
an OEM discount of 15 %

Total net price..... € 35 328,55

II. **Service flat rate for commissioning and basic training
of a TSDS XL on a Slitter (TSDS has to be pre-
installed)**

Based on a mechanical installation executed by amcor we
suggest to execute a 2 days on site start- up and training
including a SW update and performance check of the first
TSDS XL .
comprising:

- 952 km journey allowance
10 h travel time
16 h working time
2 Hotel package
2 Daily expenses

Total price, ex works..... € 3 326,40

On the mentioned price we grant you
an AMCOR discount of 10 %

Total net price..... € 2 993,76

Terms of payment:

First Down Payment with the order: 15000 €
Final payment 30 days net
suitable to positive credit check.

Delivery time after drawing confirmation:

10-12 weeks

An indicated delivery date is understood as outgoing BST
GmbH.

Validity of quotation:

30 days after date of quotation.

Our deliveries and services are based on our general sales
conditions. In particular, we refer to the reservation of
property in all its forms. Our general sales conditions will be
submitted on request.

Amcor Flexibles Sarrebourg

Quotation no: AQ0008264_MOD 1



With best regards
BST eltromat - International

Euro. - Ing. Martin BETTING

< Document created electronically, valid without signatures
>