Technical Characteristics

THE VIDEO SYSTEMS FOR THE CONTROL OF IMPRESSION IN DEFILADING ARE MODULUS, EVOLUTIVE AND SO ECONOMIC

The QUALITY OF THEIR PICTURES is exceptional, without sparkling, thanks to the power of the memory and choice of components. Any function of a system may be integrated in option to a system of inferior range.

◆ CAMERA

2 types of cameras are proposed :
- MONO – CCD SONY RGB in standard.
- TRI- CCD SONY RGB (high definition) in option. Standard in the EVSA 3061" model to visualize very thin texts, mini bar codes, micro writing, very thin frame quadrichromies, …

◆ ZOOM

3 types of zoom are proposed :
- C7D for the basic models
  Magnifying 3.6x30 in MONO-CCD and 4x40 TRI-CCD
- C4D in option
  Magnifying 5x25 in MONO-CCD and 3,5x30 in TRI-CCD
- J4D in option
  Magnifying 2x 20 in MONO-CCD and 2x20 in TRI CCD

◆ SCREEN

3 models of screens are proposed
- 15" SONY SVGA in standard
- 17" and 20" in option
  Possibility to mount 2 screens on the same system.

◆ PICTURE MEMORIES

for the comparison control. At each position memory may be associated to a memorized picture. The memorized picture and defilating picture is viewed on each half-screen.

◆ POSITION MEMORIES

The "EVSA" systems are smallest systems equipped with position memories. By pushing on a key, the camera automatically repositions itself at programmed place.

◆ FLASH

They are adjustable to avoid reflects and to visualize the colorless varnishes. Several possibilities are proposed in option :

◆ VERSO FLASH

It allows controlling the superposition of recto/verso printing by transparency.

◆ DOUBBLE FLASH

It allows avoiding the reflects on bright areas
It allows controlling print of colorless inks.

INSTALLATION

THEY ARE EASY TO SET UP.

- The video screen is put on the electronic box or encastred.
- The command keyboard is mount on the desk of electronic box. It may be aside or built-in.
- All systems are forecast to receive a second aside keyboard.
- The guide block may be mount in overhang or fixed to the two extremities by an included bridle. It is cut on demand.

UTILIZATION

THEY ARE EASY TO USE

- The concise programmation and utilization is effectuated by pushing on the keys of the keyboard.
- There is no menu, nor validation, nor parameter to determine.
- The texts are shown on the screen in the language which you have programmed.

VIDEO SYSTEMS

VIDEO SYSTEMS FOR THE CONTROL OF DEFILADING IMPRESSION

**For Printing
Machines or Reconditioners
OF ANY TRADE MARK**

Find Out Our Scale Of Systems
For Video Control Of Continuous Printing
Convivial and Innovating, Modulus and Evolutive

Easy to set up

GENERAL CHARACTERISTICS

– SVGA 15" or 17" SONY SCREEN not interlaced with protection hood.
– RGB, "SONY", MONO – CCD or TRI – CCD camera (high definition).
– C7D Zoom magnifying 3.5x30.
– Manual or motorized displacement on guide block on X (band direction).
– Electronic displacement on Y (development direction).
– LINEAR SCANNING on X (band), and Y (development) or on Z (X+Y).
– INLAY OF TEXT on screen with CHOICE OF LANGUAGE.
– Main keyboard integrated in the electronic box
– Speed of camera box : programmable from 30 to 200mm/sec.
– Duration of pictures on screen: programmable from 0.5 to 5 sec.
– Adjustable stroboscope to avoid reflects and to visualize varnishes or very bright areas.
– Size of camera box: 480x100x180
– Size of electronic box: 440x370x110

Easy to use

DOUBBLE CAMERA SYSTEMS to control the RECTO/VERSO printing.
All systems of the EVSA scale are equipped for 2 camera boxes.
Possibility to visualize:
– the picture of camera 1
– the picture of camera 2
– the pictures of both cameras on the same screen

MAIN OPTIONS

– VERSO FLASH to control the superposition of recto/verso marks.
– "TRI – CCD" (HIGH DEFINITION) SONY RGB Camera
– 17" – 20" screen instead of 15"
– 2nd 15", 17 " or 20" screen
– Main keyboard aside or built in
– 2nd command keyboard aside
– C4D or J7D zoom magnifying 2,5x25 (pictures of 120x86) or 2x20 (pictures of 160x120)
– Saving jobs on diskette
– Porte cable

EVSA 3021 MANUAL SYSTEM

The Basic Model EVSA 3021 includes:

– 1 Camera box of "MANUAL" type
• Manual displacement on X (band)
• Electronic displacement on Y (development)
• Scanning on Y (development)
• MONO – CCD SONY Camera
• C7D MANUAL ZOOM Magnifying 3.5x30
- **1 SONY SVGA 15" screen not interlaced with protection hood**
- **1 Electronic box which may be used as support of the video screen**
- **1 Main keyboard integrated to the electronic box**
- **1 Connecting cable camera box > electronic box length : 4m50**
- **1 Magnetic captor**
- **1 Guide - block delivered with 2 abutments and 1 short bridle**

EVSA 3031 MOTORIZED SYSTEM

The EVSA 3031 system is complementary to the "EVSA 3021" model:

– **Motorized camera box**
• Motorized displacement on X (band)
• Electronic displacement on Y (development)
• Automatic scanning on X (band) on Y (development) or on S (X+Y)
• C7D motorized zoom manipulated by the keyboard

EVSA 3041 MOTORIZED SYSTEM

4 position memories/2 groups of pictures

The "EVSA 3041 system is complementary to the "EVSA 3031" model:

– 2 PICTURE MEMORIES on divided screen for the control in comparison
– 4 POSITION MEMORIES : on X (band) and on Y (development)
• Of MARKS or of EDGES of band to replace the mechanical abutments
• Of the 2 memorized pictures
• Eventually of VERSO FLASH
– SCANNING X and Y in S BETWEEN THE EDGES OF MEMORIZED BAND

EVSA 3051

4 groups of 12 picture memories
4 groups of 12 position memories

The "EVSA 3051" system is complementary to the model "EVSA 3041"i It includes:

– **4 GROUPS OF 12 PICTURE MEMORIES:**
  on divided screen for the control in comparison
– **4 GROUPS OF 12 POSITION MEMORIES:**
  on X (band) and on Y (development)
– **CYCLICAL COMMMUTATION**
  of each group of memory (positions and/or pictures)

EVSA 3061 (THE MOST COMPLETE)

4 groups of 12 memories (position-pictures-zoom) memories of works
The EVSA 3061 system complete the "EVSA 3051" model.

It includes:
• **1 Camera box TRI CCD** Camera (high definition) SONY
• **Motorized Zoom C7D** magnifying 4x40
• **1 SVGA SONY 17" SCREEN** with protection hood
• **MEMORIES OF POSITIONS**: on X (band) and on Y (development)
• **MARKS or EGGES OF BAND** to replace the mechanical abutments.
– Eventually of VERSO FLASH.
– X and Y scanning in S between the memorized edges of band.
• **4 groups of 12 MEMORIES.** Each memory includes :
– THE POSITIONS on X and on Y of the camera box
– THE POSITIONS OF THE ZOOM (magnifying and luminosity)
– ONE MEMORIZED PICTURE for comparison control on divided screen
• **CYCLICAL COMMUTATION** of the positions
  of each group of memories (positions and/or picture)
• **SAVE OF WORKS**: Pictures, positions and parameters on disks
• **1 PORTE CABLE CHAIN** with supports