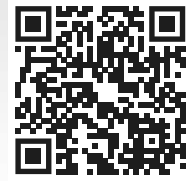


**turkey**

Discover  
the potential



**Savema**  
Marking and Coding Machines



### Company Profile:

SAVEMA Marking and Codig Ltd.Sti has been founded in 2010 in order to make production of Thermal Transfer Overprinters based on business partners and customer satisfaction all over the world. Savema is the first and only Turkish company that manufactures thermal transfer overprinters. Electronic, mechanical, software and machine design has being carried out in the company. With an experienced technical team, Savema will continue to be a leader of the most efficient implementations and technological innovations in the marking and coding industry.

Savema has been always given importance to Research and Development, made investments to this field and has the best experts in its team. Savema has been produced high performance, low cost thermal transfer printers and the units are suitable for all intermittent and continuous applications within the food, pharmaceutical cosmetics and automobile spare parts industries has the capability to code all kinds of 1D barcodes and 2D datamatrix codes.

### Vision:

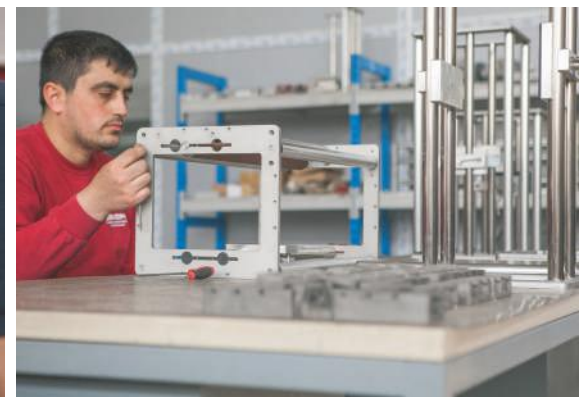
To be the company that best understands and satisfies the customer requests on marking and coding business and supply best quality products for the needs. By adopting a continuous improvement and high quality service so that has become a leader and a permanent company in the industry.

### Mission:

According to the needs of our customers to produce machines that gives the highest level of satisfaction, and minimum maintenance and support.

### Quality Policy:

- Always working with customer-oriented.
- Producing printers with maximum performance but less maintenance.
- Provide fast and effective after sales support.
- Keeping always stock available.
- As a final stage, get maximum customer satisfaction.



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 32\*40 I 53\*40 I Magnetic



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

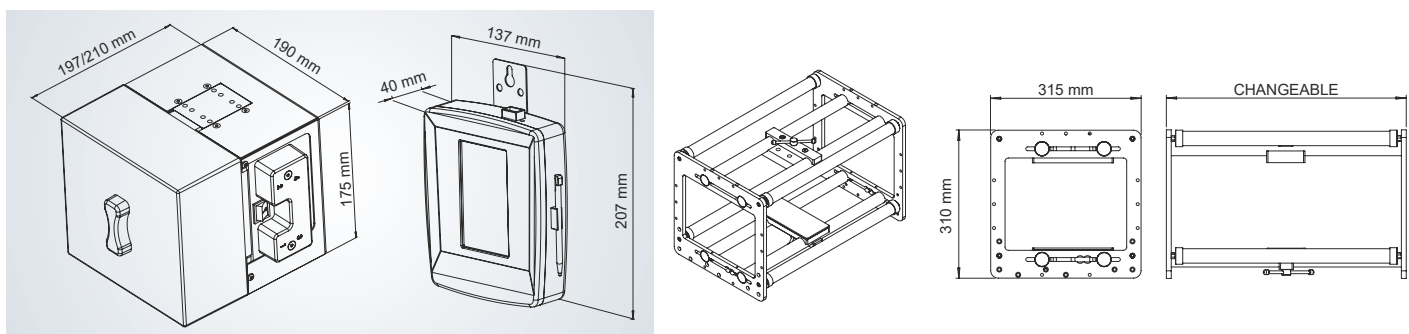
**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support

| Specifications         | 32*40 I (Intermittent)  | 53*40 I (Intermittent)   |
|------------------------|---|--|
| Print Area             | 32mm x 40mm   | 53mm x 40mm  |
| Print Speed            | 50 - 300 mm/sec   |  |
| Production             | Max. 100 prints/min.  |  |
| Ribbon Widths & Length | 22mm, 35 mm (0,9" - 1,4") & 600 meters (656yards) loaded ribbon (max outer dia 75mm)  | 35mm, 55 mm (1,4" - 2,2") & 600 meters (656yards) loaded ribbon (max outer dia 75mm) |
| Power Supply           | 100/240V 50/60 Hz   |  |
| Air Supply (Bar)       | Magnetic / Don't Need Air   |  |
| Input/Outputs          | Print signal / Fault signal, Busy signal.   |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  |  |
| Connection Types       | Relay(NPN, PNP) - Photocell (NPN, PNP)  |  |
| Communications         | RS-232, Ethernet, USB   |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   |  |
| Advanced Control       | 4.3" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |  |
| Operator Interface     | 4.3" 272x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |
| Weight (Printer)       | 5,6 Kg.   | 5,8 Kg.  |
| Dimensions             | 175mm H x 190mm W x 197mm D   | 175mm H x 190mm W x 210mm D  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

32\*50 I  
53\*50 I  
32 C



## Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Datatar Barcodes)

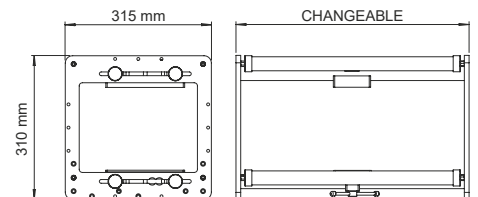
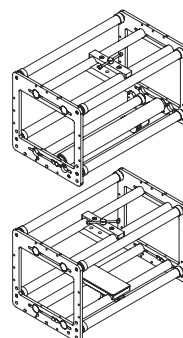
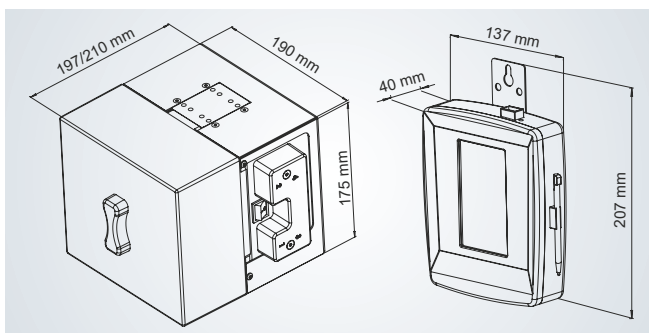
**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support



| Specifications         | 32*50 I (Intermittent)  | 53*50 I (Intermittent)   | 32 C (Continuous)  |
|------------------------|---|--|--|
| Print Area             | 32 mm x 50 mm   | 53 mm x 50 mm  | 32 mm x 125 mm   |
| Print Speed            | 50 - 400 mm/sec   | 50 - 400 mm/sec  | 10 - 550 mm/sec  |
| Production             | Max. 320 prints/min   |  | Max. 500 prints/min  |
| Ribbon Widths & Length | 22mm, 35 mm (0,9" - 1,4") & 600 meters (656yards) loaded ribbon   | 35mm, 55 mm (1,4" - 2,2") & 600 meters (656yards) loaded ribbon  | 22mm, 35 mm (0,9" - 1,4") & 600 meters (656yards) loaded ribbon  |
| Power Supply           | 100-240V 50-60 Hz   |  |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute |  |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |  |
| Communications         | RS-232, Ethernet, USB   |  |  |
| Ribbon Save Modes      | Vertical and Horizontal Ribbon Save Modes   |  | Vertical Ribbon Save Mode  |
| Advanced Control       | 4.3" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |  | 4.3" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 4.3" 272x480 pixels resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |  |
| Weight (Printer)       | 5,6 Kg.   | 5,8 Kg.  | 5,1 Kg.  |
| Dimensions             | 175mm H x 190mm W x 197mm D   | 175mm H x 190mm W x 210mm D  | 175mm H x 190mm W x 197mm D  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 32\*70 I 32 CK



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

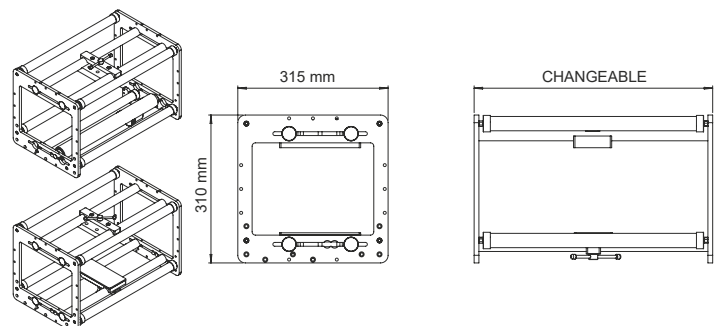
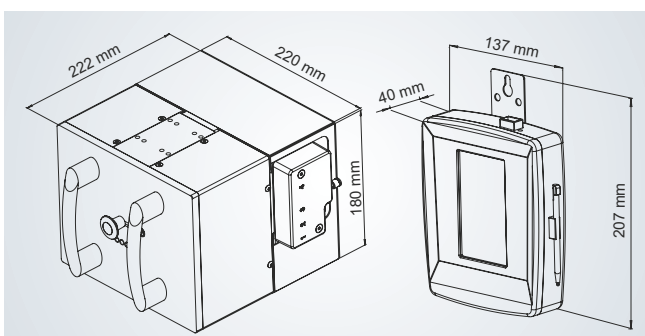
**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Datatar Barcodes)

**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support

| Specifications         | 32*70 I (Intermittent)  | 32 CK (Continuous with Cassette)   |
|------------------------|---|--|
| Print Area             | 32 mm x 76 mm   | 32 mm x 125 mm (Standard)<br>32 mm x 250 mm (Optional 1)<br>32 mm x 500 mm (Optional 2)  |
| Print Speed            | 50 - 500 mm/sec   | 10 - 1000 mm/sec   |
| Production             | Max. 330 prints/min   | Max. 500 prints/min  |
| Ribbon Widths & Length | 22mm, 35 mm (0,9" - 1,4") & 600 meters (656yards) loaded ribbon   |  |
| Power Supply           | 100-240V 50-60 Hz   |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                       |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |
| Communications         | RS-232, Ethernet, USB   |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   | Vertical Ribbon Save Mode  |
| Advanced Control       | 4.3" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation | 4.3" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 4.3" 272x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |
| Weight (Printer)       | 9,4 Kg.   | 8,9 Kg.  |
| Dimensions             | 180mm H x 220mm W x 222mm D   |  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 32\*70 I XL 32 CK XL



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

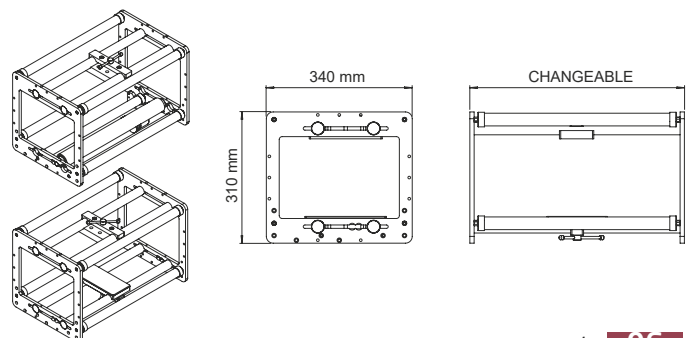
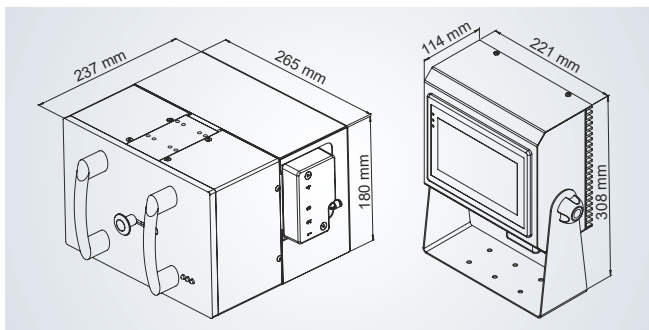
**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support



| Specifications         | 32*70 I XL (Intermittent)   | 32 CK XL (Continuous)  |
|------------------------|---|--|
| Print Area             | 32 mm x 76 mm   | 32 mm x 125 mm (Standard)<br>32 mm x 250 mm (Optional 1)<br>32 mm x 500 mm (Optional 2)  |
| Print Speed            | 50 - 500 mm/sec   | 10 - 800 mm/sec  |
| Production             | Max. 330 prints/min   | Max. 400 prints/min  |
| Ribbon Widths & Length | 22mm, 35 mm (0,9" - 1,4") & 1.000 meters (1.093yards) loaded ribbon   |  |
| Power Supply           | 100-240V 50-60 Hz   |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                     |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |
| Communications         | RS-232, Ethernet, USB   |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   | Vertical Ribbon Save Mode  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |
| Weight (Printer)       | 9,4 Kg.   | 8,9 Kg.  |
| Dimensions             | 180mm H x 265mm W x 237mm D   |  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS



**53\*70 I**  
**53\*125 I**  
**53 C**



## Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

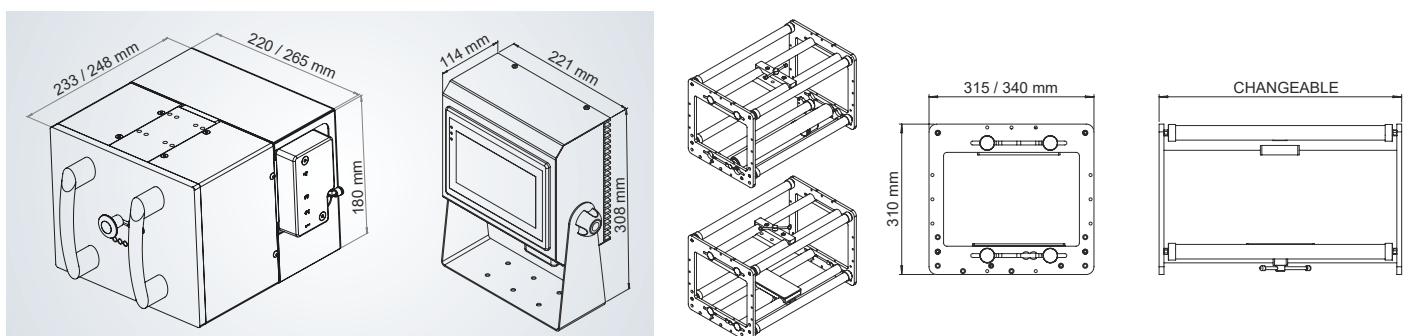
**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support

| Specifications         | 53*70 I (Intermittent)  | 53*125 I (Intermittent)  | 53 C (Continuous)  |
|------------------------|---|--|--|
| Print Area             | 53 mm x 76 mm   | 53 mm x 125 mm   | 53 mm x 125 mm (Standard)<br>53 mm x 250 mm (Optional 1)<br>53 mm x 500 mm (Optional 2)  |
| Print Speed            | 50 - 500 mm/sec   | 50 - 500 mm/sec  | 10 - 1000 mm/sec   |
| Production             | Max. 330 prints/min   |  | Max. 500 prints/min  |
| Ribbon Widths & Length | 35mm, 55 mm (1,4" - 2,2") & 600 meters (656yards) loaded ribbon   |  |  |
| Power Supply           | 100-240V 50-60 Hz   |  |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute |  |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |  |
| Communications         | RS-232, Ethernet, USB   |  |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   |  | Vertical Ribbon Save Mode  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |  | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |  |
| Weight (Printer)       | 9,4 Kg.   | 11 Kg.   | 8,9 Kg.  |
| Dimensions             | 180mm H x 220mm W x 233mm D   | 180mm H x 248mm W x 265mm D  | 180mm H x 220mm W x 233mm D  |





# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 53\*70 I XL 53 C XL



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

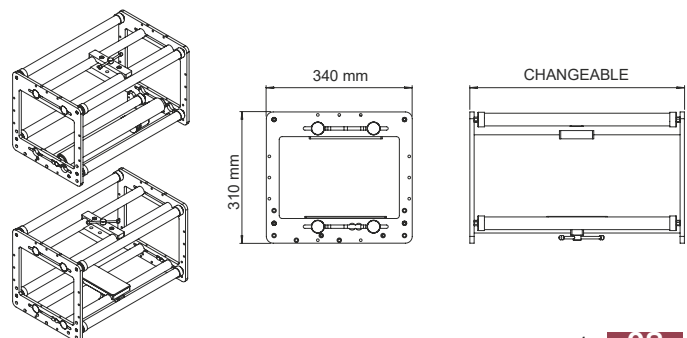
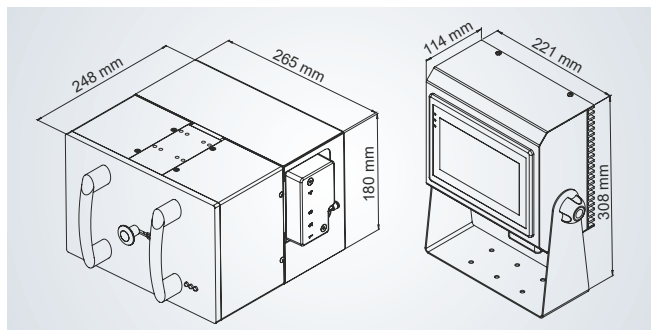
**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support



| Specifications         | 53*70 I XL (Intermittent)   | 53 C XL (Continuous)   |
|------------------------|---|--|
| Print Area             | 53 mm x 76 mm   | 53 mm x 125 mm (Standard)<br>53 mm x 250 mm (Optional 1)<br>53 mm x 500 mm (Optional 2)  |
| Print Speed            | 50 - 500 mm/sec   | 10 - 800 mm/sec  |
| Production             | Max. 500 prints/min   | Max. 400 prints/min  |
| Ribbon Widths & Length | 35mm, 55 mm (1,4" - 2,2") & 1.000 meters (1.093yards) loaded ribbon   |  |
| Power Supply           | 100-240V 50-60 Hz   |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                     |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |
| Communications         | RS-232, Ethernet, USB   |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   | Vertical Ribbon Save Mode  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |
| Weight (Printer)       | 11 Kg.  | 10,5 Kg.   |
| Dimensions             | 180mm H x 248mm W x 265mm D   |  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

**107\*75 I**  
**107\*125 I**  
**107 C**



## Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

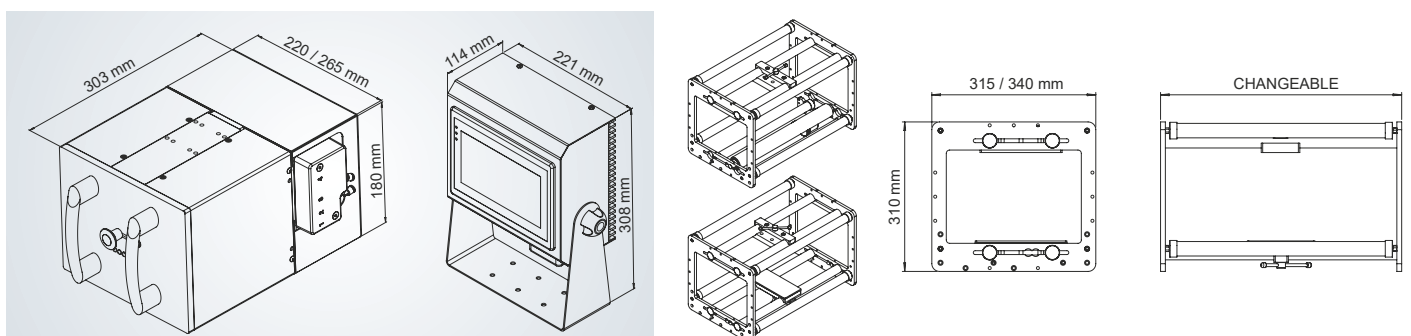
**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support

| Specifications         | 107*75 I (Intermittent)   | 107*125 I (Intermittent)    | 107 C (Continuous)   |
|------------------------|---|-----------------------------|--|
| Print Area             | 107 mm x 76 mm  | 107 mm x 125 mm             | 107 mm x 125 mm (Standard)<br>107 mm x 250 mm (Optional 1)<br>107 mm x 500 mm (Optional 2)   |
| Print Speed            | 50 - 400 mm/sec   | 50 - 400 mm/sec             | 10 - 600 mm/sec  |
| Production             | Max. 320 prints/min   |                             | Max. 300 prints/min  |
| Ribbon Widths & Length | 110 mm (4,28") & 600 meters (656yards) loaded ribbon  |                             |  |
| Power Supply           | 100-240V 50-60 Hz   |                             |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |                             |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |                             |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  |                             | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                     |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |                             |  |
| Communications         | RS-232, Ethernet, USB   |                             |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   |                             | Vertical Ribbon Save Mode  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |                             | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |                             |  |
| Weight (Printer)       | 11,6 Kg.  | 12,6 Kg.                    | 11,1 Kg.   |
| Dimensions             | 180mm H x 220mm W x 303mm D   | 180mm H x 265mm W x 303mm D | 180mm H x 220mm W x 303mm D  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 107\*75 I XL 107 C XL



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

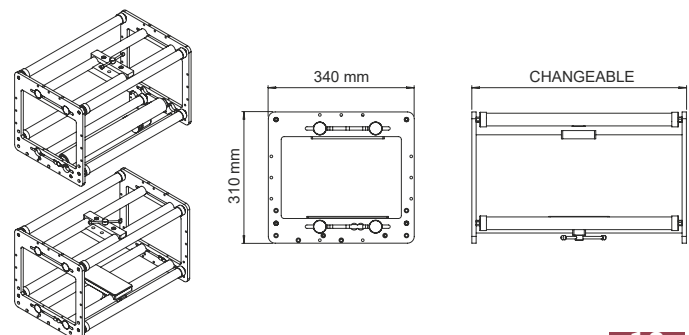
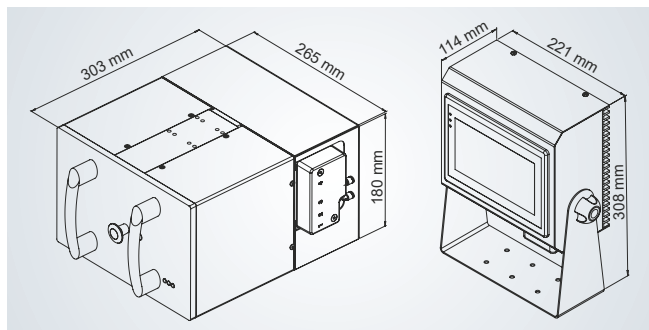
**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support



| Specifications         | 107*75 I XL (Intermittent)  | 107 C XL (Continuous)  |
|------------------------|---|--|
| Print Area             | 107 mm x 76 mm  | 107 mm x 125 mm (Standard)<br>107 mm x 250 mm (Optional 1)<br>107 mm x 500 mm (Optional 2)   |
| Print Speed            | 50 - 400 mm/sec   | 10 - 600 mm/sec  |
| Production             | Max. 320 prints/min   | Max. 300 prints/min  |
| Ribbon Widths & Length | 110 mm (4,28") & 1.000 meters (yards) loaded ribbon   |  |
| Power Supply           | 100-240V 50-60 Hz   |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                     |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |
| Communications         | RS-232, Ethernet, USB   |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   | Vertical Ribbon Save Mode  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |
| Weight (Printer)       | 11,6 Kg.  | 11,1 Kg.   |
| Dimensions             | 180mm H x 265mm W x 303mm D   |  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 128\*125 I 128 C



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

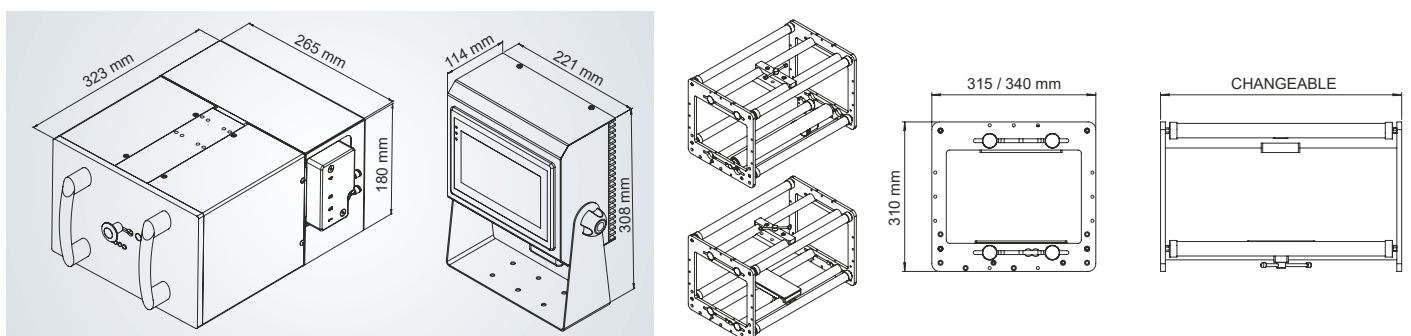
**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Datatar Barcodes)

**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support

| Specifications         | 128*125 I (Intermittent)  | 128 C (Continuous)   |
|------------------------|---|--|
| Print Area             | 128 mm x 125 mm   | 128 mm x 200 mm (Standard)<br>128 mm x 400 mm (Optional)   |
| Print Speed            | 50 - 300 mm/sec   | 10 - 400 mm/sec  |
| Production             | Max. 280 prints/min   | Max. 280 prints/min  |
| Ribbon Widths & Length | 130 mm (5,11") & 600 meters (656yards) loaded ribbon  |  |
| Power Supply           | 100-240V 50-60 Hz   |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute  | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                     |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |
| Communications         | RS-232, Ethernet, USB   |  |
| Ribbon Save Modes      | Vertical & Horizontal Ribbon Save Modes   | Vertical Ribbon Save Mode  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |
| Weight (Printer)       | 13,2 Kg.  | 12,7 Kg.   |
| Dimensions             | 180mm H x 265mm W x 323mm D   |  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

## 53 C AB 107 C AB



### Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

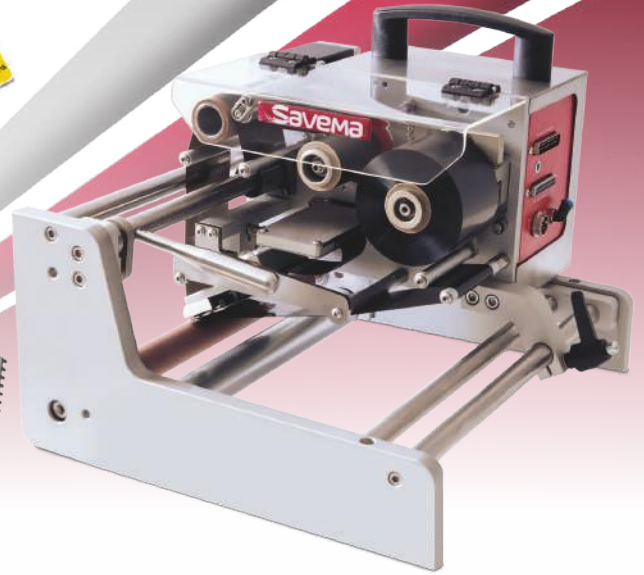
Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Datatar Barcodes)

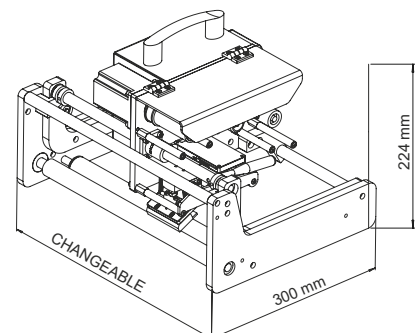
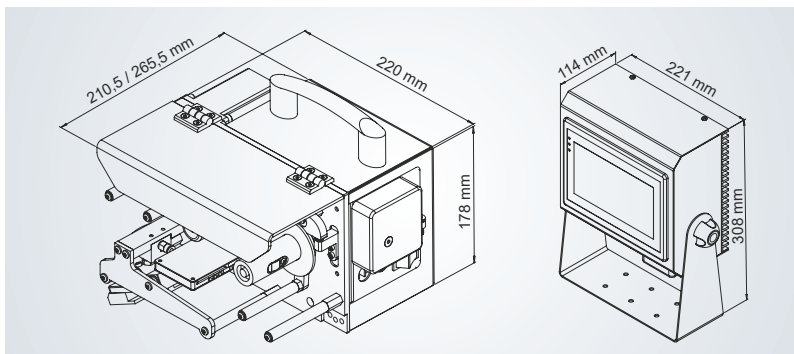
**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support



| Specifications         | 53 C AB (Continuous for Autobag)   | 107 C AB (Continuous for Autobag)  |
|------------------------|--|--|
| Print Area             | 53 mm x 125 mm (Standard)<br>53 mm x 250 mm (Optional 1)<br>53 mm x 500 mm (Optional 2)  | 107 mm x 125 mm (Standard)<br>107 mm x 250 mm (Optional 1)<br>107 mm x 500 mm (Optional 2) |
| Print Speed            | 10 - 800 mm/sec  | 10 - 600 mm/sec  |
| Production             | Max. 500 prints/min  | Max. 300 prints/min  |
| Ribbon Widths & Length | 35mm, 55 mm (1,4" - 2,2") & 600 meters (656yards) loaded ribbon  | 110 mm (4,28") & 600 meters (656yards) loaded ribbon                                       |
| Power Supply           | 100-240V 50-60 Hz  |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar  |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal   |  |
| Output Messages        | Missing Print Error, Encoder Error, Update Error, Contact Error, Ribbon Break / Not Found Error, Remaining Ribbon Quantity, Number of Printed Templates, Number of Prints per Minute                     |  |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)  |  |
| Communications         | RS-232, Ethernet, USB  |  |
| Ribbon Save Modes      | Vertical Ribbon Save Mode  |  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |  |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support   |  |
| Weight (Printer)       | 6 Kg.  | 6,5 Kg.  |
| Dimensions             | 178mm H x 220mm W x 210,5mm D  | 178mm H x 220mm W x 265,5mm D  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

**32\*400 TR**  
**53\*400 TR**  
**107\*400 TR**  
**128\*400 TR**



## Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

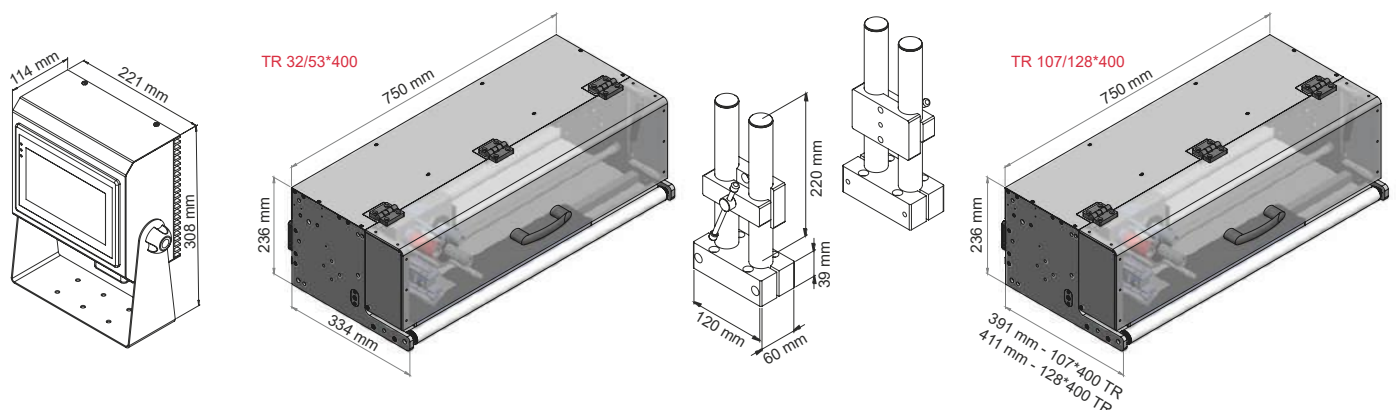
**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support

| Specifications         | 32*400 TR (Traverse)  | 53*400 TR (Traverse)   | 107*400 TR (Traverse)  | 128*400 TR (Traverse)  |
|------------------------|---|--|--|--|
| Print Area             | 32mm x 125mm<br>(in one print standard)<br>32mm x 400mm<br>(in one print optional)  | 53mm x 125mm<br>(in one print standard)<br>53mm x 400mm<br>(in one print optional) | 107mm x 125mm<br>(in one print standard)<br>107mm x 400mm<br>(in one print optional) | 128mm x 125mm<br>(in one print standard)<br>128mm x 400mm<br>(in one print optional) |
| Print Speed            | 50 - 400 mm/sec   |  |  |  |
| Ribbon Widths & Length | 22mm, 35 mm, 55mm, 110mm (0,9" - 1,4" - 2,2" - 4,28") & 600 meters (656yards) loaded ribbon   |  |  |  |
| Power Supply           | 100-240V 50-60 Hz   |  |  |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  | Min. 2 bar - Max. 4 bar  |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Number of Printed Templates, Number of Prints per Minute   |  |  |  |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |  |  |
| Communications         | RS-232, Ethernet, USB   |  |  |  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |  |  |  |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |  |  |
| Weight (Printer)       | 23 Kg.  |  | 25 Kg.   |  |
| Dimensions             | 236mm H x 334mm W x 750mm L   |  | 236mm H x 391mm W x 750mm L  |  |



# SAVEMA 20 i&c&tr SERIES THERMAL TRANSFER OVERPRINTERS

**32\*600 TR**  
**53\*600 TR**  
**107\*600 TR**  
**128\*600 TR**



## Common Specifications for All Printers

**Software:** SAYASIS Template Design (Date and Time, Custom Formatted Date and Time, Text, Text Block, Merge Fields, Database Support, Counter, Logo, 1D / 2D Barcodes, GS-1 Barcodes, Table Creation Support and User-Friendly Interface)

Windows Driver Support, Teklynx Software (Code-soft, Labelview and Label Matrix Support), Emulator Support, Printer Management with SPPL (Savema Protocol) Commands, Printer Control with Remote Control)

**Barcodes:** 1D Barcodes (EAN-13, EAN-8, CODE 128, CODE 39, CODABAR, ITF 2of5, ITF 14, UPC-A, UPC-E ...), 2D Barcodes (Datamatrix, QR Code, PDF417, Aztec code...), GS-1 Barcodes (GS1-128, GS1-Datamatrix, GS1-Databar Barcodes)

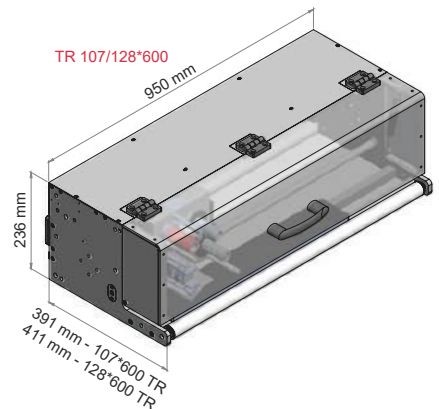
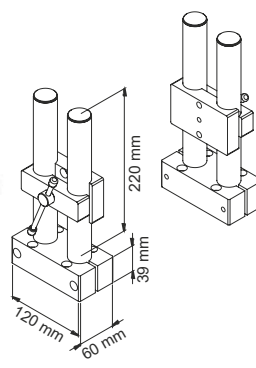
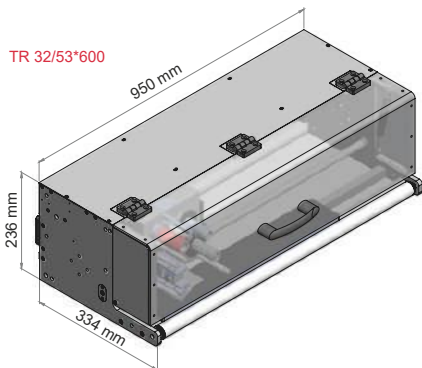
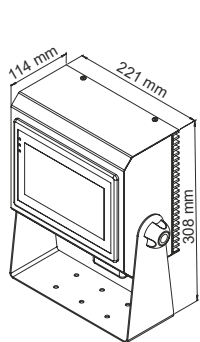
**Resolution:** 300dpi (12 dots/mm) horizontally and vertically

**Operating Temperature:** 1 °C - 55 °C (34°F-131°F)

**Memory:** Max. 5000 Template Storage Capacity, 1GB Internal Memory, Up to 16GB SD Memory Card Support, Up to 32GB USB Memory Support



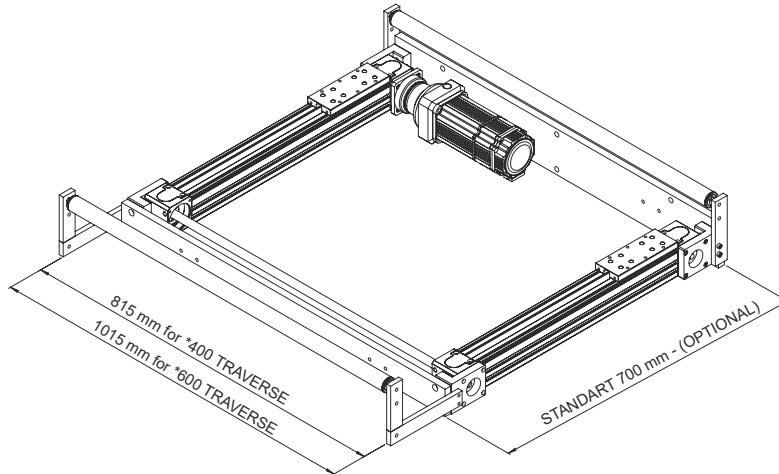
| Specifications         | 32*500 TR (Traverse)  | 53*600 TR (Traverse)   | 107*600 TR (Traverse)  | 128*600 TR (Traverse)  |
|------------------------|---|--|--|--|
| Print Area             | 32mm x 125mm<br>(in one print standard)<br>32mm x 500mm<br>(in one print optional)  | 53mm x 125mm<br>(in one print standard)<br>53mm x 500mm<br>(in one print optional) | 107mm x 125mm<br>(in one print standard)<br>107mm x 500mm<br>(in one print optional) | 128mm x 125mm<br>(in one print standard)<br>128mm x 400mm<br>(in one print optional) |
| Print Speed            | 50 - 400 mm/sec   |  |  |  |
| Ribbon Widths & Length | 22mm, 35 mm, 55mm, 110mm (0,9" - 1,4" - 2,2" - 4,28") & 600 meters (656yards) loaded ribbon   |  |  |  |
| Power Supply           | 100-240V 50-60 Hz   |  |  |  |
| Air Supply (Bar)       | Min. 1 bar - Max. 4 bar   |  | Min. 2 bar - Max. 4 bar  |  |
| Input/Outputs          | Print Signal/Fault Signal, Busy Signal  |  |  |  |
| Output Messages        | Update Error, Contact Error, Ribbon Break / Not Found Error, Number of Printed Templates, Number of Prints per Minute   |  |  |  |
| Connection Types       | Relay(NPN, PNP) - Photocell(NPN, PNP)   |  |  |  |
| Communications         | RS-232, Ethernet, USB   |  |  |  |
| Advanced Control       | 7" Touch Screen Control, Template Changing while Running, Print Position Adjustment, Contrast, Print Delay, Template-Specific Adjustment, Internal Contact Signal, Multi-print Contact Signal, Template Shifting, Template Rotation |  |  |  |
| Operator Interface     | 7" 800x480 Pixels Resolution, Full-color display, Password protection on menus, Multi-language(18) support  |  |  |  |
| Weight (Printer)       | 25 Kg.  |  | 26 Kg.   |  |
| Dimensions             | 236mm H x 334mm W x 950mm L   |  | 236mm H x 391mm W x 950mm L  |  |



## XY MOVEMENT MECHANISM for TRAVERSE PRINTER



| Specifications        | XY Movement Mechanism For Traverse Printer |
|-----------------------|--|
| Horizontal Movement   | Min. 350 mm Max. 850 mm                    |
| Vertical Movement     | It depends on Traverse printer             |
| Max. Width of Product | 900 mm                                     |
| Control Type          | Servo Motor Control                        |
| Power                 | 100-120V 50-60 Hz<br>200-240V 50-60 Hz     |
| Weight                | 20 Kg (CHANGEABLE)                         |
| Dimensions            | 815 / 1015 W X 700 D (options)             |





# SAVEMA 20 f SERIES FEEDER & CONVEYOR BELT

## SVM 100-A1 FRICTION FEEDER SVM 100-A2 VACUUM FEEDER SVM 100-B CONVEYOR BELT



**SVM 100 - B  
CONVEYOR BELT**



**SVM 100 - A1  
FRICTION FEEDER**

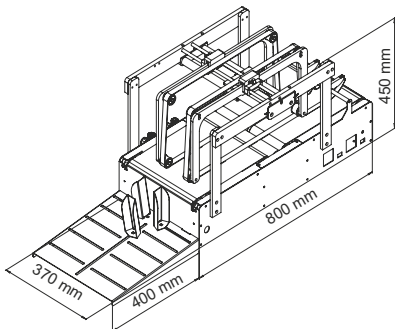


**SVM 100 - A2  
VACUUM FEEDER**



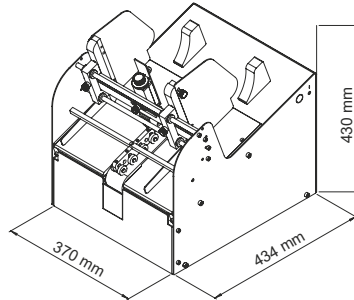
### Conveyor Belt Specifications

|                       |  |
|-----------------------|--|
| Min. Width of Product | 50mm (W) x 80mm (L)                    |
| Max. Width of Product | 300mm (W) x 400mm (L)                  |
| Belt Speed            | 50-500 mm/sec.                         |
| Power                 | 100-120V 50-60 Hz<br>200-240V 50-60 Hz |
| Weight                | 55 Kg                                  |
| Operation Mode        | Intermittent/Continuous                |



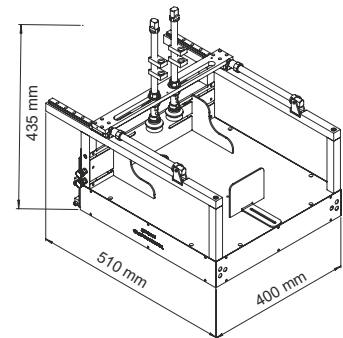
### Friction Feeder Specifications

|                           |  |
|---------------------------|--|
| Min. Width of Product     | 50mm (W) x 80mm (L)                    |
| Max. Width of Product     | 300mm (W) x 400mm (L)                  |
| Min-Max Product Thickness | 0,1 - 4 mm<br>(depend on product type) |
| Belt Speed                | 600 mm/sec.                            |
| Power                     | 100-120V 50-60 Hz<br>200-240V 50-60 Hz |
| Weight                    | 20 Kg                                  |



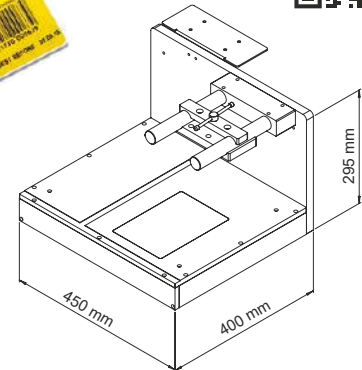
### Vacuum Feeder Specifications

|                       |  |
|-----------------------|--|
| Min. Width of Product | 100mm (W) x 100mm (L)                  |
| Max. Width of Product | 300mm (W) x 320mm (L)                  |
| Power                 | 100-120V 50-60 Hz<br>200-240V 50-60 Hz |
| Weight                | 14 Kg                                  |



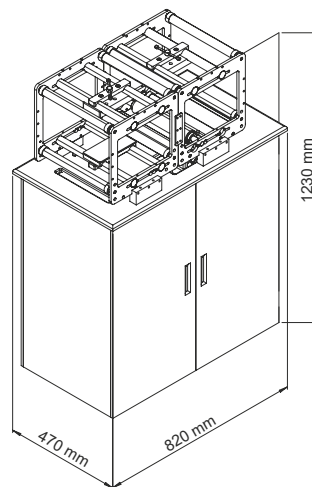
# SAVEMA 20 f SERIES FOOT PEDAL & DEMO STAND

## FOOT PEDAL SYSTEM



| Specifications        | Foot Pedal System   |
|-----------------------|---|
| Min. Width of Product | Depend on printer type and print area location of the product   |
| Max. Width of Product | All packages that can be hand-held, provided that they are greater than the specified minimum dimensions. |
| Integrable Printers   | 32mm, 53mm, 107mm, 128mm Intermittent Printers  |
| Control Type          | Pedal (Manual) Control  |
| Weight                | 24 Kg   |
| Dimensions            | 295mm H x 450mm W x 400mm D   |

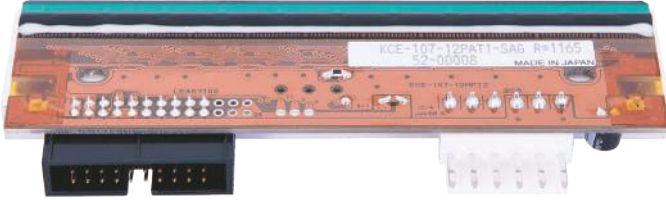
## DEMO STAND



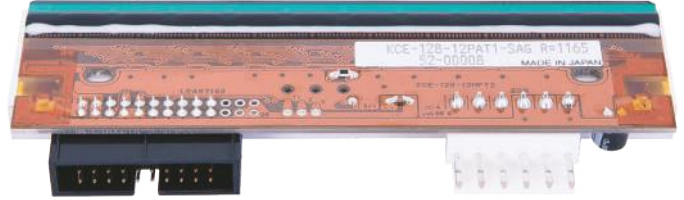
| Specifications        | Demo Stand  |
|-----------------------|---|
| Min. Width of Product | 80 mm   |
| Max. Width of Product | 140 mm  |
| Max. Film Diameter    | 300 mm  |
| Belt Speed            | 50-800 mm/sec   |
| Power                 | 100-120V 50-60 Hz<br>200-240V 50-60 Hz  |
| Weight                | 100 Kg  |
| Dimensions            | 1230mm H x 820mm W x 470mm D  |
| Advanced Control      | Intermittent and Continuous Mode, Changeable Contact Quantity, Changeable Speed |

# CONSUMABLES

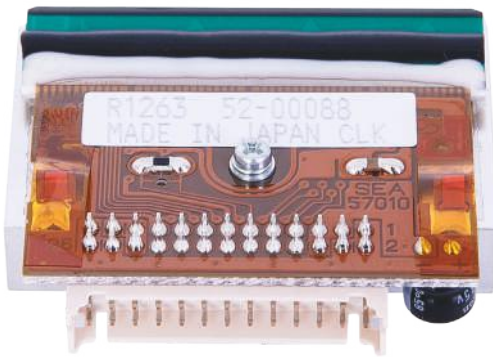
NEAR EDGE KCE 107 THERMAL PRINT HEAD



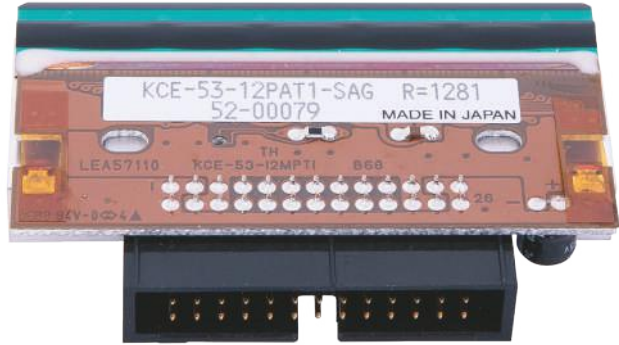
NEAR EDGE KCE 128 THERMAL PRINT HEAD



NEAR EDGE KCE 32 THERMAL PRINT HEAD



NEAR EDGE KCE 53 THERMAL PRINT HEAD



## NEAR EDGE THERMAL RIBBONS



- Wax/Resin Grade
- Premium Wax/Resin Grade
- Resin Grade



