

### The New High Performance Standard for Printing Variable Data On Flexible Packaging Materials.

Diagraph, a multi-technology supplier of inkjet marking/coding printers and labeling systems, also offers a high-performance thermal transfer overprinter that is ideal for flexible packaging applications. The Norwood 55sst offers customers more flexibility, more resolution and more profits!

#### More Flexibility

Multiple interface options include an easy-to-use handset device that brings the controls to the operator's level. Software-enabled "Instant Change" option provides quick and easy change from continuous to intermittent motion. Patented ribbon management system provides better acceleration response, better registration, and less wear and tear on motors.

#### More Resolution

The 55sst prints high resolution, high quality images at 300 dpi (12 dots per mm), both horizontally and vertically.

#### More Profits

Consistently clear imprints allow flexibility and reduce inventory of pre-printed films. Printing speeds meet production requirements. Complete product traceability with real time/date coding. Reliable performance and minimal maintenance improve your bottom line.

#### Features & Benefits

- High speed thermal printing
- Three interface choices (two with full color displays)
- Quickest conversion from intermittent to continuous motion
- User-definable multi-level password protection
- Unlimited font choices and wide range of font sizes
- Fully scaleable text & graphics
- Superior graphics resolution
- Minimal maintenance requirements



### Dimensions

Print Engine 7.16" (182 mm) H; 7.9" (203 mm) W; 7.6" (192 mm) D  
 Control Unit 6.49" (165 mm) H; 9.3" (237 mm) W; 3.6" (92 mm) D

### Weight

18 lbs. (8 kg)

### Electrical Standard

110/220/240 V; 50/60 Hz; 400 watts (CE certified)

### Air Supply

(Typical cfm at recommended pressure)

Intermittent Motion 25 cfm (7 lpm); 40-60 psi (0.25-0.4 Mpa)

Continuous Motion 1.25 cfm (35 lpm); 75-90 psi (0.5-0.6 Mpa)

### Print Area

Intermittent Motion 2.05" (52 mm) W; 3.15" (80 mm) L

Continuous Motion 2.05" (52 mm) W; 4.92" (125 mm) L

### Printhead Dot Density

12 dots/mm (300 dpi) horizontal & vertical

### Print Speed

(Dependent on image size and print-to-substrate compatibility)

Intermittent Motion Up to 400 mm per second

Continuous Motion Up to 1,000 mm per second

### Ribbon Length

Cassette holds roll up to 1,970 ft. (600 m)

### Operating Modes

Color touch screen; color handset; connect directly to PC

### Outputs

Printer ready/not ready; low ribbon; broken ribbon/ribbon out; cassette out; end of print cycle

### Character Sizes

6-72 point font size (width scaleable)

### Functions

Fixed and/or variable text; full clock/calendar functions; graphics; lines and frames; 0, 90, 180, 270 fields/image rotation; shift codes; up/down serialization; printer resident variables; paragraphs; database (import user data); multi-language interface support

### Text

4 resident fonts (width scaleable); ability to upload 4 user-selected fonts

### Bar Codes

RSS14; RSS14 truncated; RSS14 limited; RSS14 stacked; RSS14 stacked omni-directional; EAN-8; EAN-13; EAN-128; Code 128; Code 39, 1-2 of 5; Code 93; DUN 14; ISBN; UPC-A

### Connectivity

RS-232 (PC); USB; Ethernet

### Options

PR4 color touch screen operator interface; PR3 color handset operator interface; remote image loading with memory card; 3-tier light tower

### Dimensional Views

