# TAS

**SCREEN PRINTING MACHINES**



# PRODUCT BROCHURE

# COMPACT CX - SERIES

## Lightweight and Compact

| COMPACT CX SERIES - SPECIFICATIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL:** | **CX-6** | **CX-8** | **CX-10** | **CX-12** | **CX-14** | **CX-16** | **CX-18** | **CX-20** |
| Colours | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| Pallets Station | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| Standard Pallet Size (incl. with machine): | 470MM X 610MM (18.5" X 24") | | | Standard Print Area: | | 460MM X 510MM (18" X 20") | | |
| Maximum Pallet Size: | 520MM X 610MM (20.5" X 24") | | | Maximum Print Area: | | 510MM X 510MM (20" X 20") | | |
| Maximum OD Frame Size | 610MM X 762MM (24" X 30") | | | | | | | |
| Machine Diameter (mm) Approx. | 3452 | 3926 | 4360 | 4750 | 5200 | 5850 | 6500 | 7066 |
| Weight of Machine (Approx. Kgs) | 1000Kg | 1300Kg | 1700Kg | 2200Kg | 2800Kg | 3500Kg | 4400Kg | 5700Kg |
| Air Consumption (l/sec/cfm) | 3/6.6 | 3.5/7.5 | 4.2/8 | 5.8/11 | 7/14 | 9/16 | 11/19 | 13/21 |
| Rotation / Print Head Drive | A/C Electric | | | | | | | |
| Power Consumption@ 1 Phase / 220V | 16amps | 18amps | 20amps | 22amps | 24amps | 26amps | 28amps | 30amps |
| Power Consumption @ 3 Phase / 220V | 13amps | 15amps | 17amps | 19amps | 21amps | 23amps | 25amps | 27amps |
| Power Consumption@ 3 Phase / 380V / 415V | 11amps | 13amps | 15amps | 17amps | 19amps | 21amps | 23amps | 25amps |
| FLASH CURE UNIT - MAXICURE D - CX , 415V 3 PHASE | | | | FLASH CURE UNIT - MAXICURE D - CX , 220V 3 PHASE | | | | |
| FLASH CURE UNIT—SMARCURE - CX , 415V 3 PHASE | | | | FLASH CURE UNIT—SMARCURE - CX , 220V 3 PHASE | | | | |

## All machine Features:

- ✓ SQUEEGEE PRESSURE REGULATORS
- ✓ SQUEEGEE CYLINDERS KNURLED KNOBS
- ✓ AC ELECTRIC ROTATION AND PRINT HEADS
- ✓ CENTRAL OFF CONTACT
- ✓ ROTO PRINT PROGRAM

- ✓ PNEUMATIC SCREEN CLAMPING
- ✓ INDIVIDUAL HEAD OFF CONTACT
- ✓ FRONT, CENTRE AND REAR MICRO REGISTRATION
- ✓ MULTI- FUNCTIONAL FOOT SWITCH
- ✓ LED PRINTHEAD LIGHTING

# HAWK HX - SERIES

## Intermediate Size Machine

| HAWK HX SERIES - SPECIFICATIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL:** | **HX-6** | **HX-8** | **HX-10** | **HX-12** | **HX-14** | **HX-16** | **HX-18** | **HX-20** |
| **Colours** | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| **Pallets Station** | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| **Standard Pallet Size (inc. with machine)** | 470MM X 762MM (18.5" X 30") | | | | **Standard Print Area:** | 460MM X 635MM (18"X 25") | | |
| **Maximum Pallet Size** | 520MM X 762MM (20.5" X 30") | | | | **Maximum Print Area:** | 510MM X 635MM (20" X 25") | | |
| **Maximum OD Frame Size** | 660MM X 940MM (26" X 37") | | | | | | | |
| **Machine Diameter (mm) Approx.** | 4278 | 4332 | 4792 | 5250 | 5700 | 6150 | 6650 | 7300 |
| **Weight of Machine (Approx. Kgs)** | 1300Kg | 1700Kg | 2100Kg | 2500Kg | 2900Kg | 3400Kg | 3800Kg | 4200Kg |
| **Air Consumption (l/sec/cfm)** | 4/10 | 4.5/10 | 5.5/12 | 6.4/14 | 8/17 | 10/19 | 12/21 | 14/24 |
| **Rotation / Print Head Drive** | A/C Electric | | | | | | | |
| **Power Consumption @ 1 Phase / 220V** | 16amps | 18amps | 20amps | 22amps | 24amps | 26amps | 28amps | 30amps |
| **Power Consumption @ 3 Phase / 220V** | 13amps | 15amps | 17amps | 19amps | 21amps | 23amps | 25amps | 27amps |
| **Power Consumption @ 3 Phase / 380V / 415V** | 11amps | 13amps | 15amps | 17amps | 19amps | 21amps | 23amps | 25amps |
| **FLASH CURE UNIT - MAXICURE D - HX , 415V 3 PHASE** | | | | **FLASH CURE UNIT - MAXICURE D - HX , 220V 3 PHASE** | | | | |
| **FLASH CURE UNIT—SMARCURE - HX , 415V 3 PHASE** | | | | **FLASH CURE UNIT—SMARCURE - HX , 220V 3 PHASE** | | | | |

# 2000-2X - SERIES

## Adaptable and Robust

| 2000-2X SERIES - SPECIFICATIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL:** | **2X-6** | **2X-8** | **2X-10** | **2X-12** | **2X-14** | **2X-16** | **2X-18** | **2X-20** |
| **Colours** | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| **Pallets Station** | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| **Standard Pallet Size (incl. with machine):** | 570MM X 890MM (22.5" X 35") | | | **Standard Print Area:** | | 560MM X 762MM (22" X 30") | | |
| **Maximum Pallet Size:** | 620MM X 890MM (24.5" X 35") | | | **Maximum Print Area:** | | 610MM X 762M (24" X 30") | | |
| **Maximum OD Frame Size:** | 711MM X 1067MM (28" X 42") | | | | | | | |
| **Machine Diameter (mm) Approx.** | 5050 | 5050 | 5150 | 5650 | 6150 | 6700 | 7400 | 8200 |
| **Weight of Machine (Approx. Kgs)** | 2200Kg | 2500Kg | 2850Kg | 3270Kg | 3500Kg | 3840Kg | 4175Kg | 4500Kg |
| **Air Consumption (l/sec/cfm)** | 4/8 | 5/10 | 6/13 | 8/17 | 9/20 | 10/23 | 11/24 | 12/25 |
| **Print and Rotation and Method** | A/C Electric | | | | | | | |
| **Power Consumption @ 3 Phase / 220V** | 13amps | 15amps | 17amps | 19amps | 21amps | 23amps | 25amps | 27amps |
| **Power Consumption @ 3 Phase / 380 / 415V** | 11amps | 13amps | 15amps | 17amps | 19amps | 21amps | 23amps | 25amps |
| **FLASH CURE UNIT - MAXICURE D - 2X , 415V 3 PHASE** | | | | **FLASH CURE UNIT - MAXICURE D - 2X , 220V 3 PHASE** | | | | |
| **FLASH CURE UNIT—SMARCURE - 2X , 415V 3 PHASE** | | | | **FLASH CURE UNIT—SMARCURE - 2X , 220V 3 PHASE** | | | | |

# 3000-3X - SERIES

## Oversize & all-over prints have never been easier

| 3000-3X SERIES - SPECIFICATIONS | | | | | |
|---|---|---|---|---|---|
| **MODEL:** | **3X06** | **3X08** | **3X10** | **3X12** | **3X14** |
| Colours | 6 | 8 | 10 | 12 | 14 |
| Pallets Station | 8 | 10 | 12 | 14 | 16 |
| Standard Pallet Size (incl. with machine) | 610MM X 1120MM (24" X 44") | | Standard Print Area | 600MM X 1055MM (23.5" X 41.5") | |
| Maximum Pallet Size | 762MM X 1120MM (30" X 44") | | Maximum Print Area | 752MM X 1055MM (29.6" X 41.5") | |
| Maximum OD Frame Size | 865MM X 1430MM (34" X 56.5") | | | | |
| Machine Diameter (mm) Approx. | 5850 | 6000 | 6600 | 7202 | 7800 |
| Weight of Machine (Approx. Kgs) | 2500Kg | 2900Kg | 3300Kg | 3700Kg | 4000Kg |
| Max. Air Consumption (l/sec/cfm) | 4/8 | 5.5/12 | 7.5/16 | 9.5/21 | 11/24 |
| Print and Rotation Method | A/C Electric | | | | |
| Power Consumption @ 3 Phase / 220V | 35.6amps | 38.8amps | 42amps | 45.2amps | 48amps |
| Power Consumption @ 3 Phase/ 380V / 415V | 24.6amps | 27.8amps | 31amps | 34.2amps | 37amps |
| FLASH CURE UNIT - MAXICURE D - 3X , 415V 3 PHASE | | | FLASH CURE UNIT - MAXICURE D - 3X , 220V 3 PHASE | | |
| FLASH CURE UNIT- SMARCURE - 3X , 415V 3 PHASE | | | FLASH CURE UNIT - MAXICURE D - 3X , 2205 3 PHASE | | |

# 4000-4X - SERIES

## From Tees to Towels - The Ultimate Machine

| 4000-4X SERIES - SPECIFICATIONS | | | | |
|---|---|---|---|---|
| **MODEL:** | **4X04** | **4X06** | **4X08** | **4X10** |
| **Colours** | 4 | 6 | 8 | 10 |
| **Pallets Station** | 6 | 8 | 10 | 12 |
| Standard Pallet Size (incl. with machine): | 788MM X 1498MM (31" X 59") | | | |
| Standard Print Area: | 762MM X 1372MM (30" X 54") | | | |
| Maximum Pallet Size: | 838MM X 1498MM (33" X 59") | | | |
| Maximum Print Area: | 812MM X 1375MM (32" X 54") | | | |
| Maximum OD Frame Size: | 940MM X 1702MM (37" X 67") | | | |
| Machine Diameter (mm) Approx. : | 6606 | 6606 | 6806 | 7606 |
| Weight of Machine (Approx. Kgs): | 2850Kg | 2925Kg | 3375Kg | 3825Kg |
| Air Consumption (l/sec/cfm): | 7/17 | 7/17 | 8/18 | 11/22 |
| Print and Rotation Method | A/C Electric | | | |
| Power Consumption @ 3 Phase / 220V | 31.6 amps | 35.6amps | 38.8amps | 42amps |
| Power Consumption @ 3 Phase / 380V / 415V | 20.6 amps | 24.6amps | 27.8amps | 31amps |

## KING 4000-4X SERIES
### MACHINE FOR SUPER TOWEL PRINTER

| KING 4X Series | UP TO 10 COLOUR |
|---|---|
| Pallet Size: | |
| Image Print Area: | |

## Optional Extras:

**Load Assist Unit -** Loading of Large,
Heavy Substrates Has Never Been Safer and Easier!

# MINI-MAX - SERIES

## Maximum Applications, Minimum Floor Space

**STANDARD FEATURES:**

The MINI-MAX is designed with flexibility in mind and comes in a 6 or 8 colour version. The machine offers a huge print area but with the minimum floor space possible, offering a low cost, space saving solution to all-over printing.
Designed with the same reliability and simplicity to which TAS have become recognised worldwide, the MINI-MAX offers the following unbeatable qualities…

♦ Versatility........Ability to print designs ranging from sleeves to full garments!

♦ Space Efficiency......Overall diameter of only 5.75m!

♦ Quick Set-Ups......Change from Children's to All over Pallets in minutes!

| MINIMAX—SPECIFICATIONS | | |
|---|---|---|
| **MODEL:** | **MiniMax-6** | **MiniMax-8** |
| **Colours** | **6** | **8** |
| **Pallets Station** | **8** | **10** |
| Standard Pallet Size (incl. with machine) | 838MM X 890MM (33" X 35") | |
| Standard Print Area | 813MM x 762MM (32" X 30") | |
| Maximum Pallet Size | 890MM X 890MM (35" X 35") | |
| Maximum Print Area | 866MM x 762MM (34" X 30") | |
| Maximum OD Frame Size | 1016MM X 1067MM (40" X 42") | |
| Machine Diameter in mm (Approx.) | 5162 | 5762 |
| Weight of Machine (Approx. Kgs) | 2250Kg | 2455Kg |
| Air Consumption (l/sec/cfm) | 4/8 | 5/10 |
| Print and Rotation Method | A/C Electric | |
| Power Consumption @ 3 Phase / 220V | 35.6amps | 38.8amps |
| Power Consumption @ 3 Phase / 380 / 415V | 24.6amps | 37.8amps |

# DEVIL - LABEL PRINTER

This compact, speedy label printer can be adapted to print single colour images on a wide range of substrates. It is ideal for neck labels, sleeves, cosies, drink holders and shorts.

The machine has a standard print area of 7" x 7" (180mm x 180mm) but may be increased upon request.

## Devil Features:

✓ Easy load and removal of squeegee and floodbar
✓ Adjustable pallet height for caps, pens, rulers, sunglasses, boxes, balls, etc…
✓ Comes complete with Standard Squeegee, Floodbar & Pallet
✓ 3 cfm / 80 psi, 110V/ 220V single phase, 0.5 amp
✓ Changeable Pallets
✓ Shirt Counter
✓ 1 or 2 passes
✓ Plug in and Print
✓ Foot Switch
✓ Touchscreen.

**Optional Features:-**

Label printer also comes complete with optional Vacuum System

Label Printer with Vacuum System

# FLASH CURE UNIT SERIES



**MAXICURE-D - FLASH CURE UNITS:-**

## Model Available as followings:

- Maxicure D- CX
- Maxicure D- HX
- Maxicure D- 2X
- Maxicure D- 3X

**SMARTCURE - FLASH CURE UNITS:-**

## Model Available as followings:

- SmartCure CX
- SmartCure HX
- SmartCure 2X
- SmartCure 3X



### FEATURES:

- ✓ Ergonomic Design
- ✓ Solid Construction
- ✓ Fully Height Adjustable Stand
- ✓ Rapid & Efficient Heat Transfer
- ✓ Photo Sensor Detection
- ✓ Fully Adjustable Fan Speed Setting
- ✓ Auto/Manual Mode
- ✓ Adjustable Lamp Temperature Control
- ✓ Three Independently Controlled Curing Zones
- ✓ Adjustable Timer
- ✓ High Quality, Lockable Castors for easy positioning
- ✓ Integrated with Automatic or Manual Screen Printing

**INFRA-RED FLASH CURE UNIT**

## Model Available as follows:
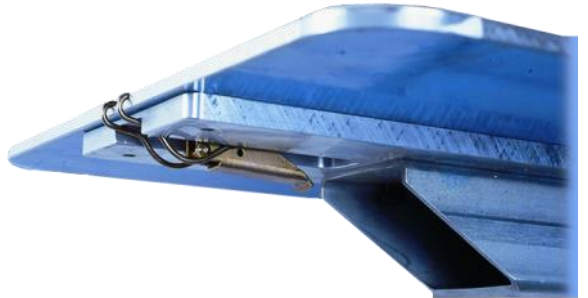
(These units attached to the Print Head)

- ♦ FC 1822 , FC 2126, FC 2432
- ♦ FC 2440 AND FC 3248

# STANDARD MACHINE ACCESSORIES

## THE FOLLOWING ARE SUPPLIED WITH ALL TAS MACHINES:

- ✓ **Quick Release, Hardened & Ground Aluminium Pallets**
- ✓ **Squeegees & Flood Bars**
- ✓ **Skip Shirt and Pause Pedal**
- ✓ **Pneumatic Screen Clamps on all models**
- ✓ **Front, Centre and Rear Micro - Registration adjustment**
- ✓ **Central and individual Off Contact**
- ✓ **Touch Panel Control with Roto-Multi Flash Print Program**
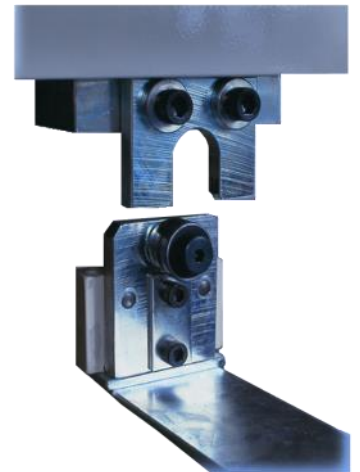- ✓ **AC Electric Rotation and Print Heads.**

## QUICK RELEASE PALLET

- ✦ Single clip technology make changing pallets extremely easy and time saving.

## DIGITAL TOUCH PANEL CONTROLLER

Designed with the operator in mind with the following functions as standard:-

- ✦ Auto diagnosis of machine faults
- ✦ Independent head control with multiple pass function
- ✦ Instant machine status recognition
- ✦ Audible feedback from beeper
- ✦ Sequential start/stop with print head auto operation sequentially
- ✦ Test print facility
- ✦ 'Roto' Program.

## REGISTRATION SYSTEM

- ✦ All print heads registered by roller contact registration.
- ✦ Accuracy guaranteed for a life time.

## CENTRAL OFF-CONTACT

- ✦ By turning a single handle you can increase the off-contact for all print heads. This is extremely important for saving you time when changing from T-shirts to Sweats or Neoprene. The central off-contact maintains constant registration for all screens.

***ON REQUEST***:

*TAS have the flexibility with some models to offer a wider print area than is stated as standard. In all cases where a print area is requested that is larger than the standard print area, TAS will approve and notify the distributor or client first. In the interest of technical development TAS reserves the right to make changes without notification. All specifications are approximate and the machines are protected by the following US patents: 4962702, 4974507, 5031527, 5189950, 4934263 and in other countries patents granted and pending. Special Safety devices required under foreign national laws are not standard with TAS machines unless expressly requested and agreed on by TAS at the time of machine order. TAS screen printing machines are fitted with a safety device designed to protect TAS against Customer non performance of agreed purchase contract..*

*Whilst every care is taken to prepare the above specifications, the company reserve the right to improve or modify the designs as circumstances demand and without notice.*

# OPTIONAL ACCESSORIES

## EZY- REG PRE-REGISTRATION PALLET WITH LIGHT BOX

It's a simple system that enables quick and easy set-up to be performed on your TAS Automatic machine.
Size available up to 762mm, 890mm and 1120mm.

**Light Box**

**Ezy-Reg Pallet**

## GRAPHIC TESTER (G.T)

Single Colour Prints, Quick Release
Pallet, Floodbar  & Squeegee.

All sizes available upon request.