



Thieme High-Tech pneumatic squeegee system  
(Supplied under licence)

fast effortless adjustments without tools

three function "peel-off" system

PLC control with programmable parameters

front screen loading

pneumatic screen clamping

ink reclaim system

side gripper take-off

The kpx 2000TPS "PARAMATIC" JUMBO SEMI AUTO WITH "TAKE-OFF" OPTION

**KPC**

The kpx 2000TPS "PARAMATIC" JUMBO SEMI AUTOMATIC WITH "TAKE-OFF" OPTION

# The kpx 2000TPS "PARAMATIC" JUMBO SEMI AUTOMATIC WITH "TAKE-OFF" OPTION



*... loaded with  
standard features at  
an affordable price*

**KPX**

- **Horizontal screen frame at all times**  
Positive electro mechanical screen frame action
- **The patented Thieme High Tech Squeegee System (Supplied under licence)**  
Finally, a simple method to control ink deposit thickness with fewer adjustments, print stroke from left to right
- **Front Screen frame loading**  
Easy insertion and removing of all popular frames  
. . . reduces set-up time
- **Up-front, movable control panel, 3 positions**  
Never in the way of the stockpile, and user friendly for left or right-handed operators
- **Digital display of important operation functions**  
Squeegee speeds, print-flood / flood-print, dwell times multiprint, squeegee travel length . . . and more
- **Effortless insertion and removal of squeegees and flood coaters**  
Snap-in contour is extremely fast and secure, with push-button retraction of both mounts from the mesh
- **Individual command of all press movements**  
Simple solutions to aid in set-up, screen cleaning, inspection and other functions
- **Programmable stroke length**  
Squeegee carriage stops precisely . . . no more guessing the final resting point



- **Control panel**  
With easy-use man/machine interface featuring large display panel, numeric keypad and function keys
- **Pneumatic frame clamping**  
Just push one button to lock the screen frame into position
- **Powerful table vacuum**  
. . . Yet it operates at low decibel level with in-built blow-back
- **Dent and solvent resistant table bed, with fine pitch x - y register**  
Modern electronic-grade polyphenol surface or anodised aluminium
- **Simultaneous parallel table off-contact lowers to 2.75 inches (70mm)**  
Ultrafast adjustment eliminates the need to deal with separate corner corrections
- **Photo electric cell print head protection**  
By breaking the beam, machine is instantly inoperative until re-set
- **Three function screen peel-off system**  
As always, peel rate and starting point are adjustable with parallel screen flooding action
- **Programmed ink recapture**  
Every 4 prints the squeegee goes 2" (50mm) further to reclaim ink at the end of the screen
- **PLC memory storage**  
Machine settings can be saved and later reloaded. Ideal for repeat work

#### OPTIONS

- Sheet register lay on pins (1-6-1)
- Heavy substrate lifting pins
- Diagonal squeegee adjustment
- Anti-drip system
- 90° print head rotation for easy squeegee fitting
- PLC control of print pressure
- Motorised off-contact
- Print direction standard is left to right
- Right to left can be offered
- Air floatation

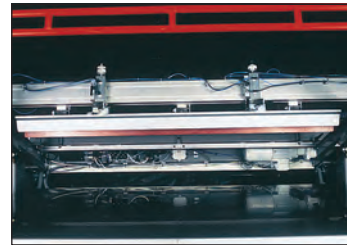
- Ball or belt transfer system (rigid materials)
- Large substrates can overhang the machine

#### OPTIONAL SIDE GRIPPER "TAKE-OFF" SYSTEMS

- Variable speed conveyor
- Variable speed "take-off" gripper
- Adjustable gripper pressure
- Minimum gripper pick up width 1/4" (7mm)
- Maximum substrate thickness 3/8" (9mm)
- Choose between a built-in conveyor or a bridge unit over your existing dryer belt or spade "take-off" for rigid's



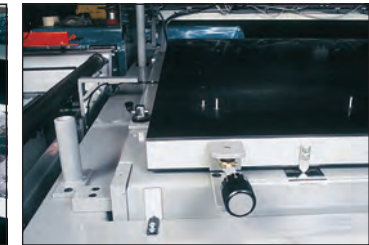
Control panel with PLC



Thieme print head



"Take-off" gripper

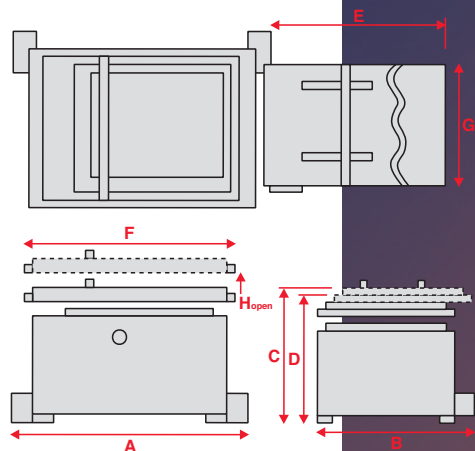


Print base x-y registration



2000TPS with Take-off unit on right

MODEL	7248TPS	8648TPS	9848TPS	12048TPS	12060TPS	14460TPS	18060TPS	18080TPS
<b>A</b>	136" 345cm	150" 381cm	162" 411cm	184" 467cm	184" 467cm	208" 528cm	244" 612cm	244" 612cm
<b>B</b>	115" 292cm	115" 292cm	115" 292cm	115" 292cm	127" 322cm	127" 322cm	127" 322cm	177" 450cm
<b>C</b>	67" 170cm	67" 170cm	67" 170cm	67" 170cm	67" 170cm	67" 170cm	67" 170cm	71" 180cm
<b>D</b>	49" 124cm	49" 124cm	49" 124cm	49" 124cm	49" 124cm	49" 124cm	49" 124cm	49" 124cm
<b>E</b>	114" 290cm	128" 325cm	140" 355cm	162" 411cm	162" 411cm	186" 472cm	222" 563cm	222" 563cm
<b>F</b>	132" 335cm	146" 370cm	158" 401cm	180" 457cm	180" 457cm	204" 518cm	240" 609cm	240" 609cm
<b>G</b>	70" 177cm	70" 177cm	70" 177cm	70" 177cm	82" 208cm	82" 208cm	82" 208cm	102" 259cm
<b>H</b>	173/4" 45cm	173/4" 45cm	173/4" 45cm	173/4" 45cm	173/4" 45cm	173/4" 45cm	173/4" 45cm	173/4" 45cm



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MODEL	7248TPS	8648TPS	9848TPS	12048TPS	12060TPS	14460TPS	18060TPS	18080TPS
<b>Max print area</b>	72" x 48" 183cm x 125cm	86" x 48" 219cm x 125cm	98" x 48" 250cm x 125cm	120" x 48" 305cm x 125cm	120" x 60" 305cm x 155cm	144" x 60" 360cm x 155cm	180" x 60" 460cm x 155cm	180" x 80" 460cm x 204cm
<b>Max screen frame</b>	96" x 68" 243cm x 175cm	110" x 68" 279cm x 175cm	122" x 68" 310cm x 175cm	144" x 68" 365cm x 175cm	144" x 80" 365cm x 205cm	168" x 80" 426cm x 205cm	227" x 90" 580cm x 231cm	227" x 110" 580cm x 280cm
<b>Max frame thickness</b>	2 1/2" 63mm	2 1/2" 63mm	2 1/2" 63mm	2 1/2" 63mm	2 1/2" 63mm	2 1/2" 63mm	2 1/2" 63mm	2 1/2" 63mm
<b>Vacuum area</b>	74" x 51" 187cm x 129cm	88" x 51" 223 x 129cm	100" x 51" 255cm x 130cm	122" x 51" 310cm x 130cm	122" x 63" 310cm x 157cm	146" x 63" 365cm x 157cm	182" x 63" 462cm x 157cm	182" x 83" 462cm x 210cm
<b>Print base size</b>	84" x 60" 213cm x 152cm	98" x 60" 249cm x 152cm	110" x 60" 280cm x 155cm	132" x 60" 335cm x 155cm	132" x 71" 355cm x 182cm	153" x 71" 336cm x 182cm	204" x 81" 518cm x 206cm	204" x 100" 518cm x 255cm
<b>Off contact adjustment</b>	2 3/4" 70mm	2 3/4" 70mm	2 3/4" 70mm	2 3/4" 70mm	2 3/4" 70mm	2 3/4" 70mm	2 3/4" 70mm	2 3/4" 70mm
<b>Max squeegee stroke</b>	78" 198cm	92" 233cm	104" 265cm	126" 320cm	126" 320cm	150" 381cm	186" 470cm	188" 477cm
<b>Max squeegee length</b>	50" 130cm	50" 130cm	50" 130cm	50" 130cm	62" 157cm	62" 157cm	62" 157cm	82" 208cm
<b>Machine weight</b>	1800 kg	2050 kg	2300 Kg	2806 Kg	3010 Kg	3612 Kg	4300 Kg	5600 kg
<b>Print base height</b>	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm	35 1/2" x 32 1/2" 90cm x 82cm
<b>X-Y register adjustment</b>	± 9/16" ± 15mm	± 9/16" ± 15mm	± 9/16" ± 15mm	± 9/16" ± 15mm	± 9/16" ± 15mm	± 9/16" ± 15mm	± 9/16" ± 15mm	± 9/16" ± 15mm
<b>Noise leve dBA</b>	70	70	70	70	70	70	70	70
<b>Air consumption</b>	1.5 cfm @ 100 psi 30 litres / min. @ 7 bar 11 Us Gal / min. @ 100 psi							
<b>Voltage (3 phase)</b>	380 / 415v, 50 / 60 Hz, 208 - 60 Hz, 240 - 60 Hz, 480 - 60 Hz							
<b>Power</b>	4.1 Kw	4.1 Kw	4.1 Kw	4.1 Kw	4.1 Kw	4.1 Kw	9.0 Kw	9.0 Kw

TAKE-OFF UNIT	7248TPS	8648TPS	9848TPS	12048TPS	12060TPS	14460TPS	18060TPS	18080TPS
<b>Conveyor belt width</b>	51 1/4" 130cm	51 1/4" 130cm	51 1/4" 130cm	51 1/4" 130cm	63 1/4" 160cm	63 1/4" 160cm	63 1/4" 160cm	83 1/4" 210cm
<b>Gripper margin</b>	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm	1/4" - 3/8" 6 - 10mm
<b>Max substrate thickness</b>	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm
<b>Max substrate weights</b>	Sample rigid materials must be trialed as different gripper heads can be used							
<b>Voltage (3 phase)</b>	380 / 415v, 50 / 60 Hz, 208 - 60 Hz, 240 - 60 Hz, 480 - 60 Hz							
<b>Power (Kw)</b>	0.5 Kw	0.5 Kw	0.5 Kw	0.5 Kw	0.5 Kw	0.5 Kw	0.5 Kw	0.75 Kw

NB: These are approximate and may vary according to individual substrate characteristics. Test job materials before proceeding.  
Note: H. G. Kippax & Sons Ltd reserves the right to continuous machinery improvement, and so specifications may change without notice.