



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

foot pedal with pre-vacuum

ink reclaim system

side gripper "take-off"

The kpx 2000T SEMI AUTOMATIC WITH "TAKE-OFF" OPTION

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... loaded with

standard features at

an affordable price

KPX

- **The patented Thieme High Tech Squeegee System* (Supplied under Licence)**
Finally, a simple method to control ink deposit thickness, with fewer adjustments
- **Front screen frame loading**
Easy insertion and removing of all popular frames . . . reduces set-up time
- **Up-front, moveable control panel**
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 floodcoaters**
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 situations
- **Programmable stroke length**
Squeegee carriage stops precisely . . . no more guessing the final resting point
- **Foot pedal cycle operation with pre-vacuum integration**
Inspect or set-up under full sheet control before the print head comes down



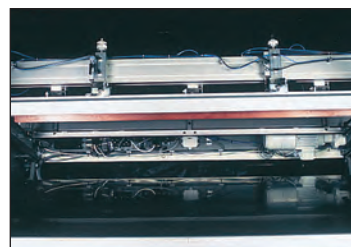
- **Powerful table vacuum**
... Yet it operates at a low decibel level with inbuilt blowback
- **Alluminium table bed, with fine pitch x-y register**
Annodised alluminium surface on a honeycombe alluminium interior
- **Simultaneous parallel table off-contact lowers to 1.5 inches, 38mm**
Ultrafast adjustment eliminates the need to deal with separate corner corrections
- **Multi-microswitch activated print head protection**
Effective "spring-back" system keeps the operator out of harm's way (Security System)
- **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 rear of the screen
- **PLC memory storage**
Machine settings can be saved and later reloaded. Ideal for repeat work

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



Control panel with PLC



Print head



"Take-off" gripper



Print base x-y registration



Without Conveyor

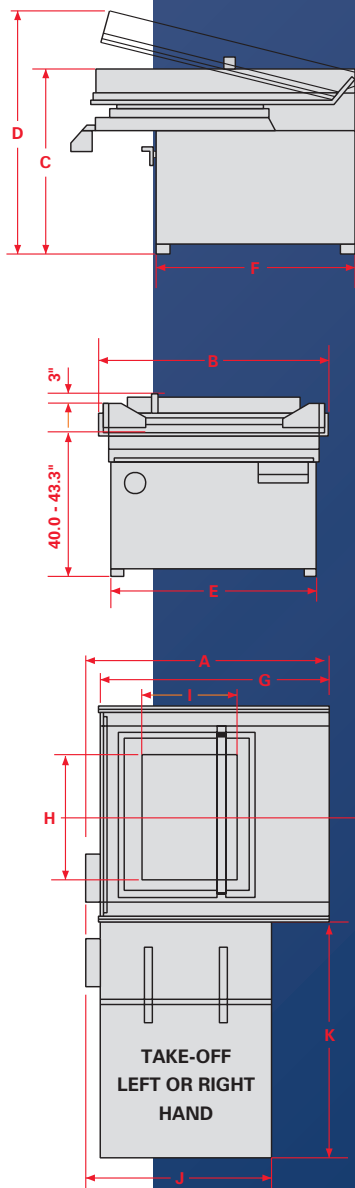
With Conveyor

OPTIONS

- pneumatic screen frame clamping
- sheet register lay on pins (1-4-1)
- heavy substrate lifting pins
- diagonal squeegee adjustment
- anti-drip system
- 90° print head rotation for easy squeegee fitting
- PLC controlled print pressure



Model	2518T	3224T	4030T	4832T	6348T	7248T
A	67" 170cm	73" 185cm	79" 200cm	81" 205cm	97" 246cm	97" 246cm
B	51" 130cm	58" 147cm	66" 168cm	74" 188cm	89" 226cm	98" 249cm
C	50" 127cm	50" 127cm	50" 127cm	50" 127cm	50" 127cm	50" 127cm
D	79" 200cm	79" 200cm	79" 200cm	79" 200cm	79" 200cm	79" 200cm
E	44" 112cm	51" 130cm	59" 150cm	67" 170cm	82" 208cm	91" 231cm
F	41" 104cm	47" 119cm	53" 135cm	55" 140cm	71" 180cm	71" 180cm
G	61" 155cm	67" 170cm	73" 185cm	75" 190cm	91" 231cm	91" 231cm
H	27" 69cm	34" 86cm	42" 107cm	50" 127cm	65" 165cm	75" 190cm
I	20.5" 52cm	26.5" 67cm	32.5" 83cm	34.5" 88cm	50.5" 128cm	50.5" 128cm
J	40" 102cm	46" 117cm	52" 132cm	54" 137cm	70" 178cm	70" 178cm
K	72" 183cm	78" 198cm	86" 218cm	94" 239cm	109" 277cm	118" 300cm



MODEL	2518T	3224T	4030T	4832T	6348T	7248T
Max Print Area	25" x 18" 64cm x 46cm	32" x 24" 80cm x 60cm	40" x 30" 101cm x 76cm	48" x 32" 121cm x 81cm	63" x 48" 160cm x 122cm	72" x 48" 182cm x 122cm
Max Screen Frame	38" x 35" 99cm x 91cm	45" x 41" 115cm x 105cm	53" x 47" 135cm x 120cm	61" x 49" 154cm x 124cm	76" x 65" 193cm x 167cm	85" x 65" 215cm x 167cm
Max Frame Thickness	2 1/4" 57mm	2 1/4" 57mm	2 1/4" 57mm	2 1/4" 57mm	2 1/4" 57mm	2 1/4" 57mm
Vacuum Area	27" x 20 1/2" 69cm x 52cm	34" x 26 1/2" 86cm x 67cm	42" x 32 1/2" 107cm x 83cm	50" x 34 1/2" 127cm x 88cm	65" x 50 1/2" 165cm x 128cm	74" x 50 1/2" 187cm x 128cm
Print Base Size	33" x 28 3/4" 83cm x 73cm	40" x 34 3/4" 101cm x 88cm	48" x 40 3/4" 121cm x 103cm	56" x 42 3/4" 142cm x 108cm	71" x 58 3/4" 180cm x 149cm	80" x 58 3/4" 203cm x 149cm
Off Contact Adjustment	0 - 1 1/2" 0 - 40mm	0 - 1 1/2" 0 - 40mm	0 - 1 1/2" 0 - 40mm	0 - 1 1/2" 0 - 40mm	0 - 1 1/2" 0 - 40mm	0 - 1 1/2" 0 - 40mm
Max Squeegee Stroke	24" 60cm	30" 76cm	36" 91cm	38" 96cm	54" 137cm	54" 137cm
Max Squeegee Length	27" 68cm	34" 86cm	42" 106cm	50" 127cm	65" 165cm	74" 187cm
Squeegee Speed	0 - 49 ins/sec 0 - 1.25 m/sec	0 - 49 ins/sec 0 - 1.25 m/sec	0 - 49 ins/sec 0 - 1.25 m/sec	0 - 49 ins/sec 0 - 1.25 m/sec	0 - 49 ins/sec 0 - 1.25 m/sec	0 - 49 ins/sec 0 - 1.25 m/sec
Machine Weight	1232lbs 560Kg	1331lbs 605Kg	1480lbs 673Kg	1661lbs 755Kg	2096lbs 953Kg	2251lbs 1023kg
Print Base Height	39 1/4" x 40 3/4" 99 - 103cm	39 1/4" x 40 3/4" 99 - 103cm	39 1/4" x 40 3/4" 99 - 103cm	39 1/4" x 40 3/4" 99 - 103cm	39 1/4" x 40 3/4" 99 - 103cm	39 1/4" x 40 3/4" 99cm x 103cm
x-y Register Adjustment	± 3/8" ± 9mm	± 3/8" ± 9mm	± 3/8" ± 9mm	± 3/8" ± 9mm	± 3/8" ± 9mm	± 3/8" ± 9mm
Noise Level, dBA	62	62	62	62	62	62
Air Consumption	1 c.f.m @ 100psi, 20 litres/min @ 7bar, 7.5 US Gals/min @100psi					
Voltage (3 Phase)	380 / 415v - 50/60Hz, 208 - 60Hz, 240 - 60Hz, 480 - 60Hz					
Power (Kw)	2.4kw	2.4kw	2.4kw	2.4kw	3.1Kw	3.1kw

"TAKE-OFF" UNIT	2518T	3224T	4030T	4832T	6348T	7248T
Conveyor Belt Width	21 1/4" 54cm	27 1/4" 69cm	33 1/4" 84cm	35 1/4" 90cm	51 1/4" 130cm	51 1/4" 130cm
Gripper Margin	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" x 3/8" 6 - 10mm
Max Substrate Thickness	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm
Max Substrate Weight	Sample rigid materials must be trialed as different gripper heads are available					
Voltage (3 Phase)	380/415v - 50/60Hz, 208v - 50/60Hz, 240v - 50/60Hz, 480v - 60Hz					
Power (Kw)	0.4kw	0.4kw	0.4kw	0.4kw	0.4Kw	0.4kw



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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.

Designed and Produced by Gable Lake Design: www.gablelake.co.uk