# Two Pillar Semiautomatic Screen Printing Machine

## Standard Features

* Adjustable squeeze & food speed via AC geared motor (pre-lubricated) coupled with AC frequency inverter.
* Infinite variable and independent print and flood speeds adjustable from 0 to max speed.
* Squeeze carriage on Hard Chrome Plated solid steel shaft with linear bearing motion (IKO Japan)
* Pneumatically adjustable squeezee & flood pressure, Fine Pressure adjustments with dial indicators.
* Adjustable squeezee angle from 0 to 30o
* Aluminum extruded squeezee holder & coater for even pressure
* Bed movement for registration X,Y, & Rotary (+-) 10 mm
* Selectable Print Cycles Flood First & then Print or Print First & then Flood
* Emergency Rod/Stop for safety of operator
* Castor wheels for easy mobility
* Printing operation by foot switch of automatic cycle with dwell time 0~10sec

### Optional Features

* Auto take off system
* PLC (Programmed Logic Controller) with man machine interface

## Technical Data

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Verti Print - 1520** | **Verti Print - 1824** | **Verti Print - 2030** |
| Print Area | 15” x 20” (381mm x 508mm) | 18” x 24” (457mm x 610mm) | 20” x 30” (508mm x 762mm) |
| Screen Frame Size Max. (OD) | 24” x 36” (610mm x 914mm) | 29” x 39” (736mm x 990mm) | 32” x 44” (813mm x 1118mm) |
| Screen Frame Size Min. (OD) | 18” x 24” (457mm x 610mm) | 22” x 26” (558mm x 660mm) | 26” x 30” (660mm x 762mm) |
| Vacuum Bed Size | 23” x 28” (584mm x 711mm) | 26” x 32” (660mm x 812mm) | 28” x 38” (711mm x 965mm) |
| Bed Movement | +/- 10mm | +/- 10mm | +/- 10mm |
| Substrate Thickness (Printable) | 10mm | 10mm | 10mm |
| Impressions/Hour | 900/Hour | 900/Hour | 840/Hour |
| Power Supply | 230 V AC/1Ph/50 Hz | 230 V AC/1Ph/50 Hz | 230 V AC/1Ph/50 Hz |
| Power consumption | 2 HP/2.3 Kw | 3 HP/2.3 Kw | 3 HP/2.3 Kw |
| Overall Dimensions | 32”(W) x 50”(L) x 68”(H)  | 37”(W) x 55”(L) x 68”(H)  | 39”(W) x 66”(L) x 68”(H)  |