

TWO POST PILLAR
SEMI AUTOMATIC SCREEN PRINTING MACHINE



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Grafica Flextronica takes pride in introducing the finest, most flexible range of trouble free flatbed screen printing machine. "TWO POST PILLAR" is easy to set up, easy to control, heavy duty and durable construction gives maximum stability at full production speed with top quality prints and with accuracy required for high quality screen printing. Squeegee and head left / right and screen frame up / down movement on solid steel shaft with linear bearing motion equipped with ac motor and ac variable frequency drive, which gives accurate, and vibration free movement. "TWO POST PILLAR" is designed with outstanding features your benefits. Fast set up reliable production : An important factor necessary to achieve high productivity is fast set up times. "TWO POST PILLAR" is designed for fast and easy set up. The machine is designed for easy control & to minimize down time and keep the machine fully operational at all times.

STANDARD FEATURES:

Fully adjustable squeegee and flood have synchronized vertical movement, pneumatically operated. Squeegee pressure and angle is fully adjustable. Perfect print result with accurate squeegee pressure for uniform deposit across the entire printing area. Calibrated air pressure regulator unit with meter

Squeegee pressure equalizer for perfect print result & accurate repeatable ink deposit can be achieved by a pneumatic squeegee pressure equalizer. This device which uses pneumatic pressure to equalize squeegee pressure along the squeegee rubber

Adjustable squeegee & flood stroke two sliding sensors located on top of the machine allow an easy and quick adjustment for squeegee & flood stroke length

Adjustable squeegee & flood speed for a perfect printing result TWO POST PILLAR is equipped with a AC Motor with AC variable frequency drive which offers the possibility of infinite variable and independent print and flood speeds

Choice of flooding the ink on screen before or after each print cycle

Motorized smooth and vibration free screen frame up/down motion which operates with AC Motor with AC variable frequency drive

Hardened shaft with linear bearing for screen frame up/down motion

Stainless steel top honeycomb vacuum bed heavy duty, perfectly flat and rigid vacuum base.

Micro registration for printing table micrometer screws assure accuracy with 3 point control to easily and quickly adjust to copy registration

Cycle Counter to check the print runs with resetting option

Heavy duty and durable construction ensures vibration free operation and accurate printing at full production speed

Peel off system ensures good & sharp print results

Three operating cycles automatic with dwell timer, single cycle and manual

Independent motors for vacuum & printing

Safety bar

Castor wheel for easy mobility

COMPARE THIS HIGH-TECH FEATURE TO THE COMPETITION, WHICH IS INTRODUCED FOR THE FIRST TIME.

Man machine interface with programmable logical controller

With soft touch keyboard

Four lines LCD display

User friendly operating panel with soft touch key board

Multiple printing strokes with flood without flood this feature allows operator to program the cycle for printing more than one time on same object with flood or without flooding screen with ink after every print cycle. Print cycle is programmable from 1 to 9

Flood options this feature allows operator to program flood option i.e. flood screen after every three print cycle or not to flood the screen after three print cycle. Print cycle is programmable from 1 to 9.

OPTIONAL FEATURES:

Auto take off system

TECHNICAL DATA:

	GF-1824 TP
Print Area	18" x 24"
Screen Frame Size	Min 19" x 20" OD Max 30" x 40" OD
Screen Frame Thickness	1" ~ 1.5"
Bed Size	24.4" x 34.25"
Bed Movement	±10 mm
Printable Object Thickness	0 ~ 20 mm
Cycle Speed (Non-Stop)	900 / Hour
Compressed Air	6 Kg cm ² / 5.5 Lt. Per Min
Power Supply (Servo Stabilized)	220 V AC / 16 Amps / 1 PH / 50 Hz
Power Consumption	3.5 HP (2.7 kW)
Overall Dimension(Without Auto Takeoff)	4.1' (L) x 3.2' (D) x 5.2' (H)
Overall Dimension(With Auto Takeoff)	6.7' (L) x 3.2' (D) x 5.2' (H)

Technical data subject to change without notice

We accept any custom sized orders

- Air Compressor, Servo Stabilizer, Squeegee Rubber, Screen Frame and other consumables are not Supplied along with the machine, should be Procure before Installation By the Customer (Cost to Customer Account)

GRAFICA FLEXTRONICA

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