

VIKING XLS

LONG STROKE PRINTERS



Model XLS54-225 (3 post) shown

Designed with the most stringent quality LARGE FORMAT applications in mind, American M&M's *Viking XLS Graphic Screen Printers* offer the perfect combination of highly versatile production, state of the art technology, and user friendly, tool free, operation.

Built to withstand years of continuous high performance production, the Viking XLS graphics printers have firmly established themselves as the industry standard.

Made in America, the Viking XLS is a high quality machine tool with unparalleled accuracy and dependability.

There are no better long stroke printers made in the world.

- Two (or three) post vertical steel columns
- Ball bearing machine tool ways
- Ball screw motorized power jacks
- Power off caliper brake for sure stop
- All metal 3" thick printing table
- Micro-registered adjustable table
- Dwell location choice – left or right
- Computerized production monitor
- Programmable extended stroke
- Programmable double vacuum system

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- **Micro-Registration:** Available with manual or optional motorized controls, the three way micro-registration system allows for quick and easy job setups.
- **Stroke Length:** Easily accessible front mounted electronic sensors allow the operator to set the necessary carriage travel length to the specific production requirements, thereby lessening printing time and avoiding overworking the ink.
- **Off-Contact Peel Adjustment:** Single point, front mounted peel adjustment is provided for adapting the peel rate to the different job conditions. Ideal system for printing long parallel lines, banners, etc.
- **Machine Tool Ways:** Ball bearings and machine tool ways are utilized throughout these long stroke machines, for moving the carriage in any direction accurately and efficiently.
- **PLC Controller:** Built in microprocessor allows for "customizing" the programming functions, production monitoring, and on-board diagnostics programming.
- **Tool Free:** These presses were designed and manufactured to provide tool free adjustment and setup.



Heavy duty squeegeelizer cylinders and adjusting position control



Operator's control panel and air controls

SPECIFICATIONS

Viking XLS Model	XLS 54-126	XLS 54-150	XLS 54-225	XLS 62-150	XLS 76-150
Vacuum Print Area in.	54 x 126	54 x 150	54 x 225	62 x 150	76 x 150
Table Size in.	60 x 150	60 x 174	60 x 249	68 x 174	52 x 174
Print Table Height in.	41	41	41	41	41
Number of Posts	2	2	3	2	2
Screen Frame Size Max.	70 x 165	70 x 189	72 x 264	78 x 189	92 x 189
Speed Cycle IPH	500	450	400	450	450
Machine Width O.A. in.	86	86	92	92	106
Machine Length O.A. in.	200	224	300	224	224
Machine Height O.A. in.	92	92	96	92	92
Standard Electricals	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60

Our policy is one of continuous improvement and we therefore reserve the right to change specifications without prior notice.

FEATURES:

- Programmable timed blow-back
- Adjustable bleed vacuum & blow back
- Exclusive parallel screen flood system
- Independent print and flood speeds
- Adjustable head lift height, for production
- Automatic head lift lock out, in high position
- Patented "squeegeelizer" air controls
- Hardened V-track carriage system ways
- Reliable AC inverter motor controls
- Pulse free print carriage drive
- Adjustable holders for narrow stock
- Squeegee angle adjustment
- Tool free stroke adjusting controls
- Synchronized and adjustable peel system
- Safety bars and photoeye protection
- Air screen frame clamps
- Screen holder capacity 3 in.
- On-board diagnostics
- All digital display functions
- All up-front controls

OPTIONS

- Printing table prepped for take-off device
- Adjustable air gripper style automated take-off.
- Registration guide pins with on/off controls
- Motorized table adjustment with remote controls
- Automatic table locks, with motorized table



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