

viprotech

Vipro Horizon Mk-II



The Vipro Horizon Mk-II is not just "grand" because of its printing size but also for the robust way it is built, for its safety and its friendliness in operating. The Vipro Horizon Mk-II is provided with horizontal lifting of the screen which, mechanically driven by a very powerful motor and with a unique constructed lifting system, makes an utmost controlled lifting movement. The lifting arms are placed that far at the rear so that, in opened position, the material can be laid in or taken out free from the side. The aluminium printing table is provided with a positive action X-Y-Z micro registration and very silent vacuum motors.

Standard equipment: adjustable squeegee speed, superior sequence of the squeegee, pneumatic squeegee change-over and squeegee pressure, electrical adjustable off-contact height, contactfree adjustment of the print stroke, and many other options, which lead to the printing of large sizes with optimum quality.

Viprotech
keeps
screen
printing
moving

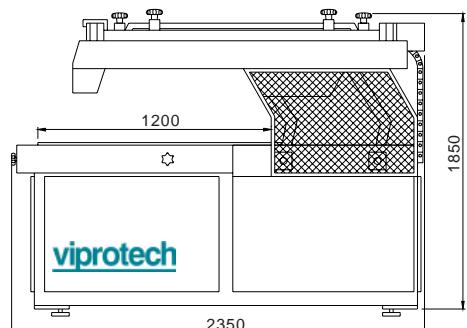
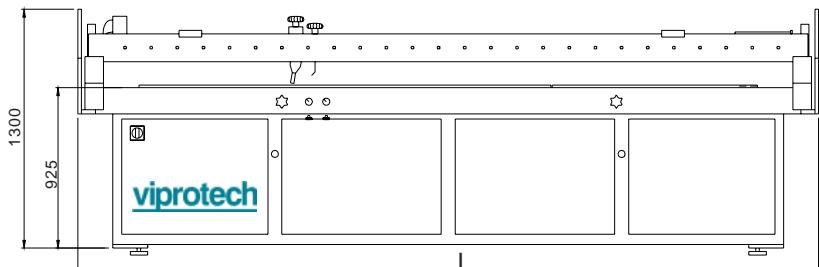


An accurate adjustable lift-off system is very important for printing large sizes. The lift-off system of the Vipro Horizon Mk-II is driven by a separate pneumatic circuit so it can lift accurate and steady, free from the movement of the squeegee carriage. The screenholders can be adjusted independently up to the maximum screensize; standard they have a quick locking system. As an option pneumatic locking of the screens is possible.

The squeegee carriage is driven by a vibration free toothbelt and has a linear bearing system. This, together with the independant adjustable pneumatic squeegee and floodcoater pressure, takes care of a perfect printing quality. The pneumatic squeegee pressure is adjustable and can be read out. Because of the special shape of the floodcoater an ink reservoir is created between squeegee and floodcoater. As an option the squeegee system can be provided with a dripless system to prevent ink from dripping during flooding.



Left side view with the masterframe in upper position. Because of the special lifting construction it is possible to create a broad space to load or unload from the side (maximum 47"), which is very important when printing heavy materials or using a take-off system for connection to a conveyor dryer. The upper frame, which is provided with an optical and mechanica safetybar, positions itself immediately in the upper free position when danger is signalized. The screen can be slid in from the front of the machine.



Sizes in mm

Maximum printing size	1220x1600	1220x2000	1220x2450	1220x3050	1220x3650	1620x2450	1620x3050	1620x3650
L	2600	3000	3450	4250	4850	3450	4250	4850
Maximum frame size	1750x2250	1750x2650	1750x3100	1850x3900	1850x4500	2250x3100	2250x3900	2250x4500
Maximum stock thickness				25				
Off-contact variable				3 - 28				
Fine registration adjustment				+20 / -20				
Squeegee speed per second				0,15 - 1,3 mtr				
Squeegee angle				75 - 90°				
Machine weight in kg	900	1050	1300	1500	1700	1350	1550	1750
Air consumption				6 bar, 25 nl/min				
Electrical connection				230 / 400 V, 50 Hz, 3ph+N+Pe, 3 kW				

Technical changes reserved

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