

HP25/35 SERIES INK DISPENSER

Suitable for all high viscosity materials
Dispensing Offset & other Paste Inks

A dispensing & color management system engineered to produce special colors from UV and conventional offset inks, concentrates, plastisols, and other high viscosity materials.

FOR ACCURATE, REPEATABLE, NO-WASTE, SPOT COLOR-ON-DEMAND PRINTING, THIS DISPENSING SYSTEM DELIVERS IN FULL.



Easy fill vessels

How does a system with such a small footprint offer so many unprecedented advantages? Simple. The HP25/35 Inplant Ink Dispenser is a smart, modular design developed with a singular purpose: to meet the highly demanding requirements of a printing operation for special colors while accommodating the very practical functions of running an efficient business. It joins the right technology with the best-engineered equipment to keep the quality of your product meeting your demanding expectations for accurate color.

Exacting Results

For professional printing operations, the HP series is known to produce results of exceptional accuracy—far superior to any automated dispensing system in the industry. At the heart of the HP series dispenser, you'll find precision manufactured dispensing valves accurate to +/-0.2g.

With **Vale-Tech Ink Manager™** software, you are ensured that everything you need to manage the process throughout the dispensing and color blending process—with the flexibility to store and edit formula plus have full inventory control

Effortless Operation

For printers who demand speed, accuracy and full audit trails for the dispensed product, both the HP25 and the HP35 are an excellent system solution. Dispensing, mixing, and proofing functions of the HP series are fully automated. Designed to dispense difficult high viscosity inks in batch sizes of 100g to 10Kg (22lb's), the modular design gives you complete flexibility in choosing the ink quantity that best serves your purpose. Other conveniences include a remote access feature that links you directly with the ink supplier, color center, and the technical support team; on-line training and software maintenance; and plug and play installation.

Unprecedented Economies

The HP offers economies at almost every turn, but first and most obvious is the 20-45 percent cost savings in ink. Because you use only what you need, there is no waste and no need to over mix and store unused product. The automated capability of the HP saves an enormous amount of production time, requires less oversight, and guarantees special colors on demand.

- Blends color batches from 100g to 10kg (22lbs) with a resolution of +/- 0.1g
- PANTONE® licensed software
- Fixed-ink reservoirs of either 25Kg or 35kg capacity; with up to 32 pressurized ink reservoirs available
- Long-life dispense valves fitted with Teflon® seals and anti-drip nozzles
- Highly accurate, stainless steel enclosed balances
- Ink reservoir incorporates ink level sensor, real time ink levels with low ink warnings
- Easy fill system option; decants ink buckets into the dispensers storage vessels quickly & cleanly



vale tech
Dispensing Solutions Worldwide

TECHNICAL INFORMATION

HP35

MODEL HP 35 SPECIFICATION

Ink Storage Reservoirs number from 12 to 32 with the option of either 25Kg or 35Kg (75lb) capacity per color (Configured so high usage colors can be doubled)

Dispense Weigh Range: 100g to 10Kg (22lb) in Displaying increments of +/- 0.1 gm

Dispense Valve: Air-operated double actuator, fine and coarse feed, incorporating PTFE (Teflon) diaphragm seals.

Flow Rate: Typically, 3-4Kg per minute.

Software: Vale-Tech Ink Manager™ software with auto-dispense extension.

Fanless, fully embedded PC running Windows7

TFT flat screen monitor

10kg/22 lbs. capacity balance (optional 15Kg)

System Status and Interlocks

Blend container placement and size detection

Blend quantity limiter

Low-ink reservoir sensing

Low-pressure air supply cut-off

Services

Electrical: 110-240v 50-60 Hz 4A/1000W

Air supply: 6-8 bar (85-110 psi) clean and filtered

Main HP25 module:

16 Col L=1912 x W=1470 x H = 1610 mm

24 Col L=2832 x W=1470 x H = 1610 mm

32 Col L=3520 x W=1470 x H = 1610 mm

HP35:

H=1760mm

H=1750mm

H=1760mm

Note that side-stands increase the width of the machine to 2291mm in width – all other dimensions remain the same. Also, that a decanter, depending on the type selected, will add to the height of the machine. The maximum height achieved will be a Hobcock Decanter fixed to an IDS35, which will reach the maximum height of 3000mm



Expanded to 32 colours



Easy Fill system enables ink buckets to be quickly decanted



Hybrid version incorporates press-out modules for high viscosity materials



OPTIONS

Easy Fill Bucket decanter & Bucket Lift Scanpack: incorporating Label printer & Bar code scanner, stock program module

Interface for most color spectrophotometers

Links to in-house networks

Internet based remote diagnostics support

Shaker mixer

Disc Blade mixer

Service pack

Option for bulk fed material pumped from external Barrels

Optional 20Kg Press-out for high viscosity inks

Optional 205L External Drum Pump

No matter how large or small your business

Talk to us about our customisation service.

Hybrid versions incorporating pressure vessels and Press Out technology to handle highly structured stiff inks.



Dispense from bulk containers such as drums & IBC's

12 Depot Road, Newmarket, Suffolk, CB8 0AL, UK
TEL: +44 (0)1638 668583 FAX: +44 (0)1638 676720

e-mail : sales@vale-tech.com

www.vale-tech.com