



IV4000 Integrated Valve Jet System

The IV4000 integrated valve jet system consistently prints highly readable alphanumeric messages on porous and non-porous surfaces in the most challenging of industrial environments—providing one of the lowest cost per marks in the industry.

Optimal performance in industrial environments due to 100% sealed integrated valve print head design

Stainless steel controller seamlessly integrates print heads, ink systems, sensors and networking functions for expanded capabilities.

The compact, industrial design fits the widest range of production line speeds and configurations.

Smart connection hub design combines system controls with ink delivery components, allowing the system to control printing for multiple production lines from remote locations.

The IV18-Dot print head is available in 1" and 2" print heights. Its durable die-cast aluminum housing makes it ideal for challenging industrial environments. The print head can be daisy chained with up to 3 other IV18-Dot print heads, allowing it to print large logos or large multi-lined alphanumeric text messages.



DIAGRAPH



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TECHNICAL DATA

Print height	1" and 2"
Print resolution	18x25 DPI
Print speed	650 FPM
	Configure multiple print heads in any combination totaling up to 144 vertical dots
Throw distance	Up to ½"
Print options	Side, angled, top down, bottom up
Environment	40°F to 104°F
Regulatory listing	TUV (CE/CSA/UL)
Ink types	Porous, non-porous, water based, solvent based (including non-VOC solvent inks)



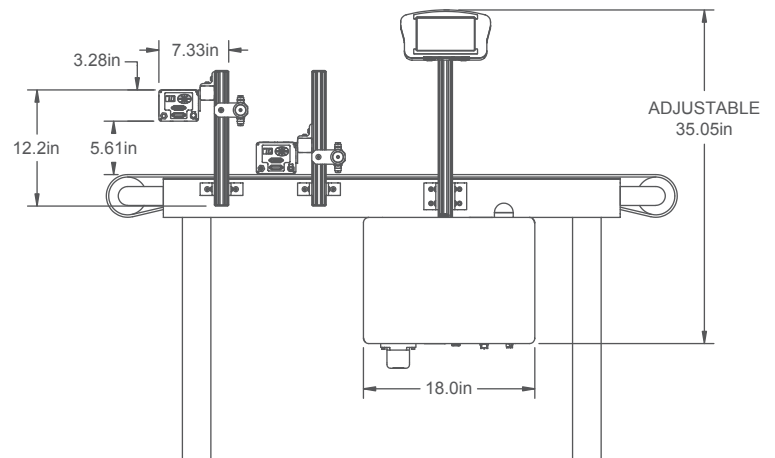
Scan for a full list of technical data.



FEATURES & BENEFITS

- Configure multiple print heads in any combination totaling up to 144 vertical dots
- Porous and non-porous printing on surfaces such as paper, corrugate, plastic, wood, drywall, metal, PVC, etc.
- Achieves long-distance readability on alphanumeric print messages including date codes, lot/batch codes, product name, contents and descriptions
- Reduce ink consumption by as much as 50% with the lower contrast draft mode ink conservation feature
- High speed print performance for applications requiring speeds up to 650 feet per minute
- Rugged, two-piece, die-cast aluminum housing

TECHNICAL DRAWINGS



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