iTech CENTRA HS

Are you ready to step up and be a real contender in digital label manufacturing?

The iTech CENTRA HS is first in its class, enabling converters to efficiently produce labels in any shape without dies. It is unmatched in its capabilities and economics for digital label manufacturing.

When looking for complete digital printing systems, Aarque Group identifies a range of essential criteria:

- Easy to operate printing and finishing platform
- Low cost of consumables
- Low imaging cost per label
- Affordable entry price for system
- Ability to connect to existing design programs
- Digital finishing or die-cutting with the ability to apply an over-laminate

Extensive research and development has led to the sourcing of equipment which meets these criteria and provides a cost-effective solution.

The iTech CENTRA HS system combines an iTech CENTRA HS Digital Label Printer with the iTech CENTRA HS Digital Label Finishing System, ensuring you are ready for industrial label manufacturing at a fraction of the price of other systems. High quality, high speed, high profitability - iTech CENTRA HS is now available from Aarque Group.

iTech CENTRA HS Digital Label Printer

The next evolution in digital label printing is now here. The iTech CENTRA HS Digital Label Printer is a complete, affordable digital label production solution that meets the needs of all converters "who need to go digital" for production requirements up to 3,000 feet.

The roll-to-roll iTech CENTRA HS Digital Label Printer features an OKI LED toner printer engine that is capable of printing up to 30 feet per minute at 600 x 1200 dpi for "consumer quality" labels. With a wide variety of available substrates - paper, polyester and vinyl and the ability to use standard pressure sensitive substrates - the iTech CENTRA HS Digital Label Printer can print on substrate widths from 8.5 to 12.9 inches in rolls with a maximum outside diameter of 14 inches. The iTech CENTRA HS can also print pre-die cut label substrates. And most important, the iTech CENTRA HS Digital Label Printer cost per label is amongst the lowest in the industry.

The OKI LED toner printer is a testament to quality and reliability. The results are beautiful and professional looking labels with a wide colour gamut, fantastic definition and deep, rich blacks.

To complete the iTech CENTRA HS Digital Label Printer, a Wasatch Software RIP adds several new dynamics to digital label production including cost estimating, variable data compatibility (optional), custom colour profiling and spot colour replacement.

iTech CENTRA HS Digital Label Finisher

The iTech CENTRA HS Digital Label Finishing System is the answer to every label converter's needs for finishing short runs of labels with custom shapes and quick delivery to their customers.

The iTech CENTRA HS is a high-speed roll-to-roll digital converting system that allows users to laminate, die cut, strip and slit custom labels in one production pass. The iTech CENTRA HS can die cut any custom shape on demand - without the inherent costs, delays and limitations of more conventional die cutting processes - right from Adobe Illustrator or Corel Draw using the same vector file that would normally be sent out for die manufacturing.

Print to cut registration is accomplished via the SMARTMark Optical Registration System. Multiple registration marks can be scanned to automatically adjust the cut file compensating for any skew or scale issues that may have been caused by the output divide or the material. The computer driven cutting technology is also capable of cutting multiple depths within the same cut file, allowing for perforations or multi-layer applications.

The iTech CENTRA HS also has a touch screen interface that makes it easy to set up and operate.

Sized to accommodate most label converters' needs - it can convert printed materials from most digital or analogue print platform including ink jet, thermal printers or a conventional flexo press.

Requiring no dies, make-ready, or running waste, the iTech CENTRA HS Digital Finishing System's versatility and accuracy provide the professional converter as well as the end user with

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Printer

Print technology	OKI LED toner
Speed	Up to 9.1 meters per minute
Resolution	1200 x 600 dpi
Interfaces	Ethernet 100 Base-T or USB 2.0
Media width	215 mm to 325 mm
Power requirement	120 - 230 VAC - 750 watts

Print Station

Dimensions	1600 mm x 660 mm x 1150 mm
Weight	270 kg
Max. roll diameter	355 mm
Power requirement	100 - 230 VAC - 720 watts

Software

Wasatch SoftRIP	Stochastic Screening
	All software is compatible with Windows 7, Vista 32, Vista 64 and Windows XP operating systems.

iTech CENTRA HS Digital Label Finisher

Contour cutting	Full HPGL vector cutting compatible with SMARTMark opto-electrical line sensor
Average speed	4.6 meters per minute
Web width	127 - 355 mm
Max. frame length	610 mm
Max. input roll diameter	360 mm
Max. output roll diameter	360 mm
Recommended roll length	381 meters
Make ready waste	3 meters
Cutting technology	Pivoting carbide tip - 30, 45 & 60 degree
User interface	Touch screen display
Test cut function	Yes

Dimensions

Height	1470 mm
Width	1500 mm
Depth	810 mm
Weight	205 kgs
Power requirements	100 - 240 VAC - 900 watts
Network connectivity	Ethernet 100 Base-T or USB 2.0
Cutter management tools	Allen Direct-Cut

To learn more about how iTech CENTRA HS Digital Label Solutions can help your business contact your local Aarque Group representative

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