

## INTEC CP2020 PRINT ENGINE SPECIFICATION

|                               |  |  |
|-------------------------------|--|--|
| <b>SPEED &amp; THROUGHPUT</b> | A4 Print speed<br>Time to first print<br>Warm up time<br>Processor speed   | 36ppm colour, 46ppm mono<br>10.5 seconds colour, 9 seconds mono<br>85 seconds or less from power on<br>PowerPC 800MHz  |
| <b>PRINT QUALITY</b>          | Resolution<br>Enhancements   | ProQ2400 dpi Multi-level resolution technology, 1200 dpi in standard mode<br>Auto Colour Balance, Auto Registration, Auto Media Detect   |
| <b>TYPEFACES</b>              | Printer fonts  | 86 scalable PCL fonts, 1 bitmap font, 10 TrueType fonts, 136 Adobe PostScript Type 1 fonts   |
| <b>COMPATIBILITY</b>          | Printer languages<br>Connectivity<br>OS Compatibility  | PCL5c, PCL XL (Colour), Adobe PostScript® 3 with direct PDF Printing (v1.6), SIM<br>IEEE 1284 bi-directional Parallel and Hi-Speed USB 2.0, 10Gbase-T/10GbBase-T Ethernet<br>Windows Vista (32 Bit & 64 Bit versions) / 2000 Workstation (SP3 or later SP1) / 2000 Professional (SP3 or later SP1) / 2000 Server (SP3 or later SP1) / 2000 Advanced Server (SP3 or later SP1) / XP Professional / XP Professional x64 / XP Home / 2003 Server / 2003 Server x64 / Windows 2000 Server (SP4) + Citrix MetaFrame XP Presentation Server Feature Release 4 / Server 2003 Standard Edition + Citrix MetaFrame XP Presentation Server Feature Release 4, Mac OS X PowerPC 10.2.8 or later, Mac OS X Intel 10.4.4 or later |
|                               | Network & protocols  | All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IP - ARP, RARP, IPv4/v6, ICMPv4/v6, TCP, UDP, LPR, FTP, TELNET, HTTP/IPP, BOOTP, DHCP, SNMPv1/v3, DNS, DDNS, UPnP, Bonjour, WINS, SSL/TLS, SMTP, POP3, SNTIP, WSDPrint, JetDirect protocols, Netware 3.x, 4.x, 5.x and 6 with full NDS and NDPS support - PServer, IPPrinter, NDPS supported via dedicated Oki NDPS Gateway, EtherTalk - ELAP, AARP, DDR, AEP, NBP, ZIP, RTMP, ATP, PAR, NetBEUI - SMB, NetBIOS, Other:EAP  |
|                               | Advanced networking and security   | IPv6, 802.1x authentication, SNMP V3, SSL/TLS HTTPS encryption, Secure Erase, Data Encryption, MAC filtering, IP filtering, Secure Print   |
|                               | Barcode support  | Barcode with Checksum support  |
| <b>UTILITY SUITE</b>          |  | Print Control Server (Windows only), Print Control Client, PrintSuperVision.net (Windows Only), Template Manager 2006 (Windows only), Storage Device Manager (Windows only), Profile Assistant, Colour Connect, PS Gamma Adjuster  |
| <b>MEMORY</b>                 | Memory<br>Hard Disk Drive  | Standard 768MB<br>Standard 40GB  |
| <b>PAPER HANDLING</b>         | Paper capacity tray 1<br>Paper capacity optional 2nd/3rd tray<br>Paper capacity of Multi-purpose tray<br>High Capacity Feeder<br>Standard tray paper weight<br>Multi-purpose tray paper weight<br>Duplex<br>Paper output | 530 sheets of 80gsm. Paper sizes: A3, A3 Wide (SRA3), A4, A5, A6<br>530 sheets of 80gsm. Paper sizes: A3, A3 Wide (SRA3), A4, A5, A6<br>230 sheets of 80gsm. Paper sizes: A3, A3 Wide (SRA3), A4, A5, A6, Custom size up to 1200mm length including banners<br>1,590 sheets<br>55 - 240gsm<br>55 - 512gsm<br>55 - 200gsm<br>500 sheets face down tray, 200 sheets face up tray   |
| <b>OPERATING CONDITIONS</b>   | Temperature/Humidity<br>Storage  | 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended)<br>-20°C to 45°C, 10% to 90%RH   |
| <b>POWER REQUIREMENTS</b>     | Power supply<br>Power consumption  | Single phase 220VAC to 240VAC, frequency 50Hz +/- 2Hz<br>Typical 750W, Peak 1800W, Idle 200W (average), Power Save <28W  |
| <b>NOISE LEVEL</b>            |  | Operating: 54dB(A) or less, Standby: 42dB(A) or less, Power save: 28dB(A) after 30 mins  |
| <b>DIMENSIONS (HxWxD)</b>     |  | 471 x 654.5 x 623mm  |
| <b>WEIGHT</b>                 |  | 81Kg (including consumables)   |
| <b>DUTY CYCLE</b>             | Printer duty (max)   | 150,000 pages/month  |

## INTEC RIP STATION SPECIFICATION\*

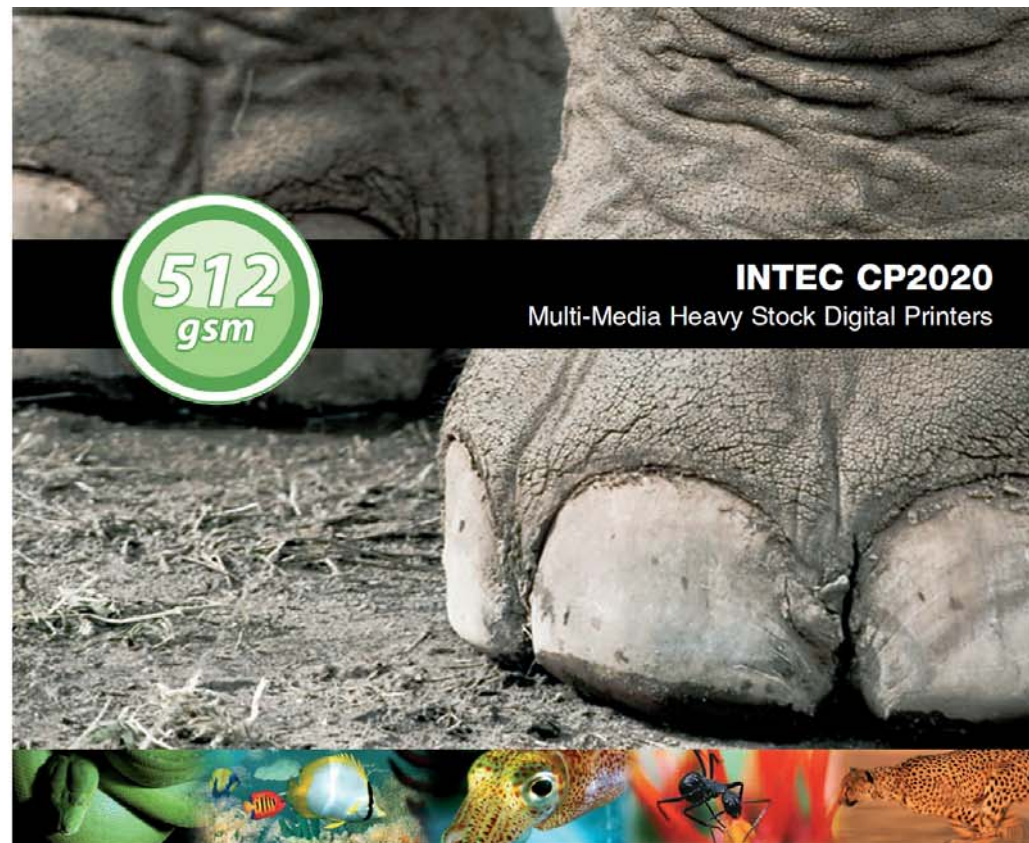
- Black Small Format Desktop RIP Station
- Pentium Dual Core Processor: 2.2GHz 800MHz 1MB cache
- Memory: 2GB Dual Channel DDR2 667MHz [2x1024MB] Memory
- Hard Drive: 250GB
- DVD: 16X DVD+-RW
- OS: Power DVD 7.0 - Vista & XP (PRO)
- Display : 17in E178WFP Black Widescreen (1440 x 900)
- Integrated Intel Graphics Media Accelerator x4500HD
- Audio integrated HDA 5.1 Dolby Digital
- Black 2 Button USB Scroll Optical Mouse
- Black Keyboard USB (DWE877)
- English - Genuine Windows XP Pro SP2 including Media

\* Intec CP2020 RIP Station is supplied as standard with Intec CP2020 PRO and Intec CP2020 PRO Production System

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**INTEC CP2020**  
Multi-Media Heavy Stock Digital Printers



## INTEC CP2020

The Intec CP2020 is the class leading full colour, multi-media, ultra heavy stock digital colour printing press. With a straight-through CMYK printing path and lowest capital cost and cost per copy in it's class, the CP2020 sets a new benchmark in digital colour printing capability.

### Standard Features of Intec CP2020 Include:

- Ultra Heavy Stock printing up to 512 gsm
- Over 2,000 prints per hour
- Genuine Adobe PostScript® 3 RIP
- Multi-media printing capability
- Lowest cost per copy in class
- Print onto media up to 1.2 metres long
- 800MHz Processor, 40Gb Hard Drive, 768Mb RAM
- Duplexer for double-sided printing is included as standard
- High capacity toners supplied with printer as standard (Black toner - 18,500 prints and Colour toner - 16,500 prints)



Model shown is Intec CP2020 with optional printer stand / cabinet.

## INTEC CP2020 PRO

The Intec CP2020 PRO includes all of the superb features of the standard model with the addition of the printing industry's RIP of choice - a Harlequin RIP installed on an Intec RIP station with 17" flatscreen.

### Additional Features of Intec CP2020 PRO Include:

- Sharper text, greater highlight detail and smoother vignettes
- More accurate colour with improved colour management
- Customised and ICC colour profiling
- More consistent colour reproduction & improved productivity
- Halftone screening for litho-style output
- Booklet maker & imposition software
- Stop & Repeat • Trapping • Print preview
- Print queuing & prioritisation



Model shown is Intec CP2020 PRO with Intec RIP station. Printer is shown with optional high capacity unit providing three additional input trays.

## INTEC CP2020 PRO PRODUCTION SYSTEM

The Intec CP2020 Pro Production System includes an additional printing unit to offer the user twice the printing capability and built-in redundancy.

### Additional Features of Intec CP2020 PRO Production System include:

- Double your printing capacity to give over 4,000 colour sheets per hour
- Built-in redundancy ensures you can keep on printing
- Maximise the range of media available for printing on demand
- Manage print production from RIP
- Reprint previously printed jobs onto different media from RIP



Model shown is Intec CP2020 PRO Production System which includes two print stations linked to an Intec RIP station. One printer is shown with an optional high capacity unit and finisher whilst the other is shown with an optional printer stand.

## Multi Media Heavy Stock Imaging

The Intec CP2020 digital printer range enables you to generate profits fast from short run colour printing onto the widest possible range of substrates including coated and uncoated stocks, fibre enhanced papers and board, textured canvas and metallic stocks. Your clients will be delighted with the results. Other applications include:



**MAGNETIC MEDIA**  
Offer magnetic printing and watch your business opportunities and profits grow. Print UV resistant and waterproof outdoor signs, removable advertising for company vehicles, fridge magnets, promotional items, magnetic business cards, in-store bar-coding and shelf signs, magnetic photos and novelty items.



**GREETING CARDS**  
Print short run full colour or bespoke greeting cards, wedding invitations onto metallic cards, funeral cards, calling cards or personalised party invitations onto a huge range of recommended stocks.



**3D PRINTING**  
Upgrade your Intec printer with the 'Intec 3D Printing Package' to enhance your product offering even further. Print 3D images (lenticular printing) easily and simply with the minimum of fuss. 3D novelty and promotional items will give you yet another profit opportunity.



**PACKAGING**  
Print onto a wide range of ultra-thick stock for packaging and gift box applications using lenticular and fibre-enhanced card, metallic sheets, cast coated and uncoated boards up to 512gsm.



**CTP PLATES**  
Turn your Intec CP2020 into a computer to plate (CTP) system by imaging press-ready polyester plates straight from your desktop. Avoid having to buy an expensive CTP system and give new life to your traditional litho press by imaging your printing plates on your Intec CP2020.



**FILM POSITIVES**  
Screen and pad printers will love the ability to produce film positives in house, and on demand, avoiding the cost and time delays in out-sourcing their film.



**NCR SETS**  
With the unique 55gsm lightweight printing mode 4-colour NCR sets can now be produced quickly and easily on the Intec CP2020 avoiding the costs of setting up a litho press for short run NCR set printing.



**LABELS**  
High speed, high quality, 4-colour printed labels printed onto a wide range of digitally approved label stocks provides a fast and profitable additional revenue line for your printing business.



**POSTERS / BANNERS**  
Print banners and posters up to 1.2m long onto a range of approved substrates for advertising campaigns, in-store promotions, point of sale, notice boards, menus and more. Your imagination is your only limitation.



**T-SHIRTS & TEXTILE**  
Turn your Intec CP2020 into a personalised T-Shirt and textile printer by imaging directly to suitable heat transfer material and then apply the image to the textile with a heat press.

Other applications for the Intec CP2020 include: T-Shirts, Banners & Posters, In-Store Signage, Business Cards, Small Gift Boxes, Book Covers, CD & DVD Jackets, Point of Sale, Menus, Labelling, Direct Mail, Calendars, Variable Date Applications, Folders, Manuals, Catalogues, Door Hangers, Canvas Prints & Photos, Wedding Invites, Funeral Cards, Fridge Magnets, Removable Magnetic Car Signage, Four Colour Outdoor Magnetic Signage, Magnetic Business Cards, Magnetic Warehouse Labels, Magnetic In-Store Shelf Barcodes, OHP Transparencies and much more...

## Printer Options & Paper Handling Accessories



**HIGH CAPACITY UNIT**  
This unit provides an excellent floor standing base for your Intec CP2020 and includes 3 additional 500 sheet cassettes. The unit is on wheels allowing the printer to be easily moved if required.



**ADDITIONAL PAPER FEEDER & TRAY**  
The additional paper feeder and tray provides an additional 500 sheet tray and feeder allowing you to have two different paper types or sizes available online. This can be installed on it's own or in conjunction with the High Capacity Unit or the Printer Stand / Cabinet.



**PRINTER STAND / CABINET**  
The printer stand provides a floor standing unit for your Intec CP2020 printer, avoiding the need to use valuable desk space and it comes with a useful cabinet for storing paper and printer consumables. It has wheels allowing it to be easily moved and has safety stops to meet the latest Health and Safety legislation to prevent the unit being toppled.



**FINISHER (4 OR 5 TRAY) AND HOLE PUNCH (2 OR 4 HOLE)**  
The Intec CP2020 Print Finishing Unit collates, staples, folds and stacks up to 1,000 sheets. It must be purchased and used in conjunction with the high capacity unit and is available in a 4 tray or 5 tray configuration depending on whether you also have the optional Additional Paper Feeder & Tray unit. You can also add a paper punch to the Finishing Unit - there is a choice of either a 2 hole or 4 hole punch.