

Dansk BiblioteksCenter as	Investeringsbudget	Side 1
Edb-drift /JR	04.01.93	1993

Anskaffelse af diskettekopieringsudstyr

Der anmodes om bevilling af diskettekopieringsudstyr (PC Trace Plus + Tracer 3 Plus).

Pris: 30.000 kr.

Anskaffelsen ønskes foretaget snarest.

I flere år har det været overvejet at anskaffe diskette-kopieringsudstyr, men hidtil har vi løst opgaven ved at bruge skoleelever.

Antallet af ugentlige disketter, der skal kopieres er hastigt stigende (ugeleverancer, individuelle dataleverancer, programdisketter til f.eks. Bam[©]). Det betyder, at den nuværende kopiering,

- at vi er meget afhængige af, at vi kan få arbejdskraften, når vi har behov, hvilket ikke altid er let). I nogle tilfælde betyder det mindre forsinkelser.

- at PC'eren bindes i længere tid til denne opgave

Udgifterne til aflønning ligger på ca. 13.000 kr om året.

Anvendelse af kopieringsudstyr vil sikre kvaliteten, idet den nuværende procedure rummer mulighed for tastefejl og håndteringsfejl.

Der er tale om software og hardware, som gør det muligt fra en PC at kopiere data automatisk og dobbelt så hurtigt som almindelig kopiering. Der kan placeres 100 disketter i magasinet. Der investeres kun i udstyr til produktion af 3 ½"-disketter.

Ud over at kopiere kan maskinen formatere disketter, hvilket vil gøre det attraktivt at genbruge returnerede disketter. Der kan muligvis også spares lidt på indkøb af disketter, hvor vi så vil kunne købe uformaterede disketter.

Dato	Godkendt

BCP hardware a/s

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Dansk Biblioteks Center
Tempovej 7-11
2750 Ballerup

Att.: Jørgen Rishøj

4. december 1992

Vedr. Trace

Hermed fremsendes ifølge aftale med Søren Keller brochurer samt prisliste på Trace produkter.

Ønsker De yderligere information, står vi naturligvis gerne til disposition.

Med venlig hilsen
BCP hardware a/s

A handwritten signature in black ink, appearing to read 'Bente Dehn', written over a horizontal line.

Bente Dehn

TRACE PRODUCTS

Varenr.	Beskrivelse	Pris Dkr.
PCT	PC Trace Includes PC Trace program and operating manual. PC Trace installs in any IBM PC/XT/AT or 100% compatible for duplication of standard MFM formats. (External drive port required for autoloader support).	1.200
X PCT-PLUS	PC Trace Plus Includes PC Trace software and operating manual and compaticard floppy controller with external data port for support of Trace autoloaders. Installs in any IBM PC/XT/AT or 100% compatible for duplication of standard MFM formats.	3.900
OPT-CC	CompatiCard Universal floppy controller for use with PC Trace duplication software.	1.800
ALF	ALF 132 Quick Copy Controller incl. 2 Mb memory, cableset for connection of one Tracer autoloader with 2XSDS operation.	15.900
Trace Family of Diskette Autoloaders		
TRACER 5 PLUS	5.25" 150 diskette capacity autoloader with bottom stacker without drive	25.400
X TRACER 3 PLUS	3.5" 100 diskette capacity autoloader with bottom stacker without drive	25.400
DTII3	DiskTracer II Plus, 3.5" standalone autoloader incl. diskettedrive (2xSDS3B-QC or 1xSDS3B-QC)	39.500
DTII5	DiskTracer II Plus, 5.25" standalone autoloader incl. diskettedrive (2xSDS548B-QC or 1xSDS5HDB-QC)	39.500

TRACE PRODUCTS

Varenr.	Beskrivelse	Pris Dkr.
Floppy Disk Drives for the Trace Autoloaders		
2X3600	3.5" 135 tpi drive 600-RPM with mounting kit	3.700
2XSDS3.5	3.5" 135 tpi drive (SDS) 600-RPM with mounting kit	7.900
✕ 1X3HD	3.5" 135 tpi high density (HD)	3.600
1XSDS35HD	3.5" 135 tpi high density (HD) (SDS)	7.900
1X548	5.25" 48 tpi drive 300-RPM with mounting kit	2.600
2XSDS548	5.25" 48 tpi drive (2xSDS) 600-RPM with mounting kit	7.900
2XSDS596	5.25" 96 tpi drive (2xSDS) 600-RPM with mounting kit	7.900
1X596HD	5.25" 96 tpi high density (HD) drive	3.000
1XSDS596HD	5.25" 96 tpi high density (SDS) 360-RPM drive	7.900
Cabelsets and various		
T-DCBL	Data cable required for SDS capability on all SDS and	1.500
T-ACBL	Autoloader cable set for PC host	1.500
T-GWIICBL	Ghostwriter II SDS cable set	2.200
OPT-CNTR	Counter for Trace autoloader	950



Dansk Bibliotekscenter
Tempovej
2750 Ballerup

Hr. Jørgen Riishøj

Albertslund, den 13. januar 1993

DanData Kontor Tilbehør A/S

Herstedøstervej 27
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Giro nr. 4 52 75 77

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Kontortid:
Mandag - Torsdag 8.30 - 16.30
Fredag 8.30 - 15.30

I fortsættelse af behagelig telefonsamtale har vi hermed fornøjelsen at fremsende tilbud i henhold til aftale.

T I L B U D

PC TRACER SOFTWARE	VEJL. PRIS	DERES PRIS
Tracer 3 plus autoloaders, Samlet pris	31.625,00	30.000,00

Her er desværre ikke den store rabat at give ud af.

Jeg har vedlagt dine brochurer med tak for lån.

Tilbudet er afgivet i henhold til DanData Kontor Tilbehør A/S' almindelige salgs- og leveringsbetingelser, som er udleveret vedlagt dette tilbud.

Alle beløb faktureres i stykpriser, angivet i kroner og forstås excl. moms.

Der tages forbehold for generelle prisjusteringer og ændringer i underleverandørers prispolitik.

Idet vi ser frem til et fremtidigt godt samarbejde.

Med venlig hilsen
DanData Kontor Tilbehør A/S


Gitte Seip

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C TRACE DUPLICATION SOFTWARE

PC Trace is an easy-to-use, automated duplication utility for low-to medium volume copying requirements. The software installs on any IBM PC, XT, AT or 100% compatible and the user merely steps through a simple menu to copy, compare or format as many diskettes as necessary.

EASY TO OPERATE

PC Trace is entirely menu driven, and will prompt the user through the duplication process. The user simply selects a copy or compare operation, source and destination drives, and PC Trace automatically analyzes the format and begins operation. Status windows display read-in and write progress of each track on a disk, and a counter tallies good and bad disks.

VERSATILE

PC Trace supports all IBM MFM/FM formats including UNIX™ and CP/M®. Low-volume copying can be done in manual mode utilizing the PC's internal drive, a Tracer 3 or Tracer 5 Autoloader may be connected for unattended duplication of higher volumes.

ECONOMICAL

Since you can utilize your existing PC, XT, AT or compatible, it is not necessary to purchase another PC dedicated to duplication. With PC Trace your PC is still fully functional as a workstation for your other DOS programs. And, it provides you with features found in commercial copying systems for a fraction of the price.

PC TRACE PLUS

PC Trace Plus features the addition of CompatiCard™, a universal floppy controller, which allows duplication of the entire IBM (MFM/FM) family of diskette formats from a single computer and provides an external port for support of a Trace autoloader when full automation is necessary. The CompatiCard allows PC Trace to support 5.25" standard density (360K) and 3.5" (720K) format duplication at 300 rpm (1X) or at 600 rpm (2X). PC Trace will also duplicate 5.25" (1.2 Mb) and 3.5" (1.44 Mb) high-density formats, as well as 8" diskettes, at standard rotational speeds.

SUPPORT FROM THE LEADER

Trace has the largest installed base of any diskette duplication system manufacturer in the world, and enjoys a solid reputation for innovation, quality and support. All Trace products (exclusive of disk drives) feature a comprehensive 90-day warranty.

PERFORMANCE

DRIVE/FORMAT/SPEED	READ-IN MASTER (Min.)	COPY FMTD DISK (Min.)	COPY UNFMTD DISK (Min.)
5.25" 48tpi/360Kb/300 rpm	:28	:42	:58
5.25" 48tpi/360Kb/600rpm	:14	:22	:30
5.25" 96tpi HD/1.2Mb/360rpm	:46	1:10	1:36
3.5" 135tpi/720Kb/600rpm	:28	:42	:58
3.5" 135tpi HD/1.44Mb/300rpm	:52	1:22	1:54

The read-in and duplication times listed above are for popular IBM formats and drive types. Add 2 seconds per copy for autoloader cycle time, when calculating overall throughput figures.

FORMATS SUPPORTED*

5.25"	48 tpi 300 rpm (360K) 48 tpi 600 rpm (360K) 96 tpi 300 rpm (720K) 96 tpi 600 rpm (720K) 96 tpi HD 360 rpm (1.2 Mb) 96 tpi HD 300/360 rpm dual speed (720K, 1.2Mb)
3.5"	300 rpm (720K) 600 rpm (720K) HD 300 rpm (1.44 Mb) HD 300 rpm (720K, 1.44 Mb)
8"	360 rpm

*These formats can be copied using PC Trace and Compaticard floppy controller. PC Trace software duplicates formats that are compatible with the host system floppy controller and disk drives.

Compaticard is a trademark of Micro Solutions, Inc.

IBM is a registered trademark of International Business Machines Corporation.

CP/M is a registered trademark of Digital Research, Inc.

UNIX is a trademark of AT&T Bell Labs.

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WORLD LEADER IN DISKETTE AND TAPE DUPLICATION SYSTEMS

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RACER 3 AND TRACER 3 PLUS

The Tracer 3 and Tracer 3 Plus are the world's leading autoloaders for high-speed, automated 3.5" diskette duplication. Tracer 3 features a 20-diskette input bin with a Trace Copy Drive. The innovative Tracer 3 Plus offers the highest productivity of any autoloader in the industry with a 100-diskette input extension arm and the Trace High Performance Copy Drive with proprietary double-speed, simultaneous double-sided (2XSDS) duplication. Tracer 3 also offers a 100-diskette capacity output bin with a labor-saving first-in, first-out feature to duplicate and collate multiple diskette packages.

UNRIVALLED SPEED

The Tracer 3 autoloaders offer an unmatched cycle time of 1.9 seconds for substantially increased throughput. For example, Tracer 3 Plus with a Trace High Performance Copy Drive formats and duplicates 139 720K 3.5" diskettes an hour.

EXCEPTIONAL RELIABILITY

The Tracer 3 autoloaders are engineered for quiet, smooth operation that minimizes jams and the need for adjustments.

- Jam-clearing is as simple as the touch of a button—only from Trace.
- Self diagnostics pinpoint problems.
- Unique modular design enables fast, easy repairs.

SIMPLE BY DESIGN

- Disk drives slide in and out in seconds.
- No user adjustments required.
- Choose either 110 or 220 volts at the flip of a switch.

HOST COMPATIBILITY

Tracer 3, with easy-to-use PC Trace software, can be hosted by any IBM™ PC/XT™ AT™ or compatible. In addition, Tracer 3 autoloaders are designed to work with all Trace industry standard controllers for maximum productivity.

FULL SUPPORT AND SERVICE

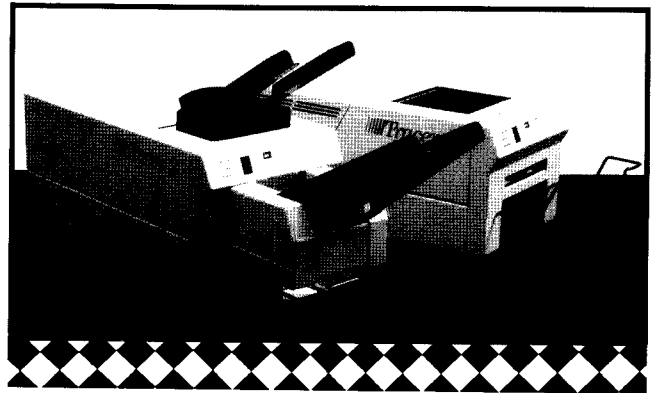
Trace has the largest installed base of any diskette duplication system manufacturer in the world, and enjoys a solid reputation for innovation, quality and support. All Trace products (exclusive of disk drives) feature a comprehensive 90-day warranty, in addition to full factory service and technical support.

TRACER 3 SERIES SPECIFICATIONS

	TRACER 3	TRACER 3 PLUS
GENERAL		
Disk drive**	Standard Trace 3.5" Copy Drives (135 tpi, standard and high density)	Trace (2XSDS) 3.5" Copy Drives (135 tpi, standard and high density)
Disk capacity		
Input	20	100
Accept	20	100
Reject	15	15
Host interface	RS-232 and standard floppy signal interface 50 Pin D-subconnector	RS-232 and standard floppy signal interface 50 Pin D-subconnector
Machine cycle time*	<1.9 seconds	<1.9 seconds
Throughput**	80/hr	139/hr
Drive replacement time	<60 seconds	<60 seconds
MTR	<30 minutes	<30 minutes
POWER REQUIREMENTS		
VAC	115/230	115/230
Amps	2/1	2/1
Hz	50/60	50/60
DIMENSIONS (W x H x D)		
in	9.8 x 8.5 x 25.0	9.8 x 15.5 x 34.3
cm	24.8 x 20.3 x 63.5	24.8 x 39.4 x 87.0
NET WEIGHT		
lbs	28	37
kgs	12.7	16.8
SHIPPING WEIGHT		
lbs	40	49
kgs	18.2	22.2
ENVIRONMENTAL		
Operating temperature	50°F to 95°F	50°F to 95°F
Relative humidity	20% to 80%, non-condensing	20% to 80% non-condensing

*Time it takes autoloader to remove duplicated floppy diskette from copy drive, drop it in appropriate bin, and insert another diskette in drive.
 **Using Trace 1020 or 1006 host system and IBM 720K double-sided/double-density diskettes

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WORLD LEADER IN DISKETTE AND TAPE DUPLICATION SYSTEMS