ALS®

Chess Series
Top Performance
Label Printers

LABEL PRINTERS

Chess-06

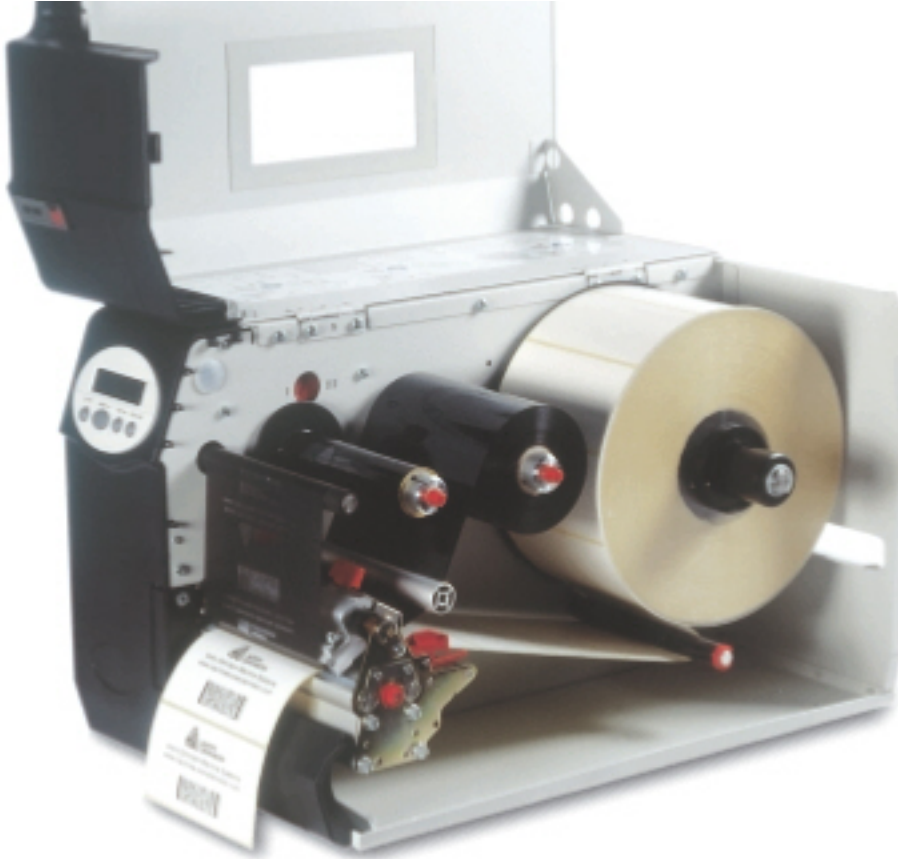Chess-05

Chess-08

Chess-04
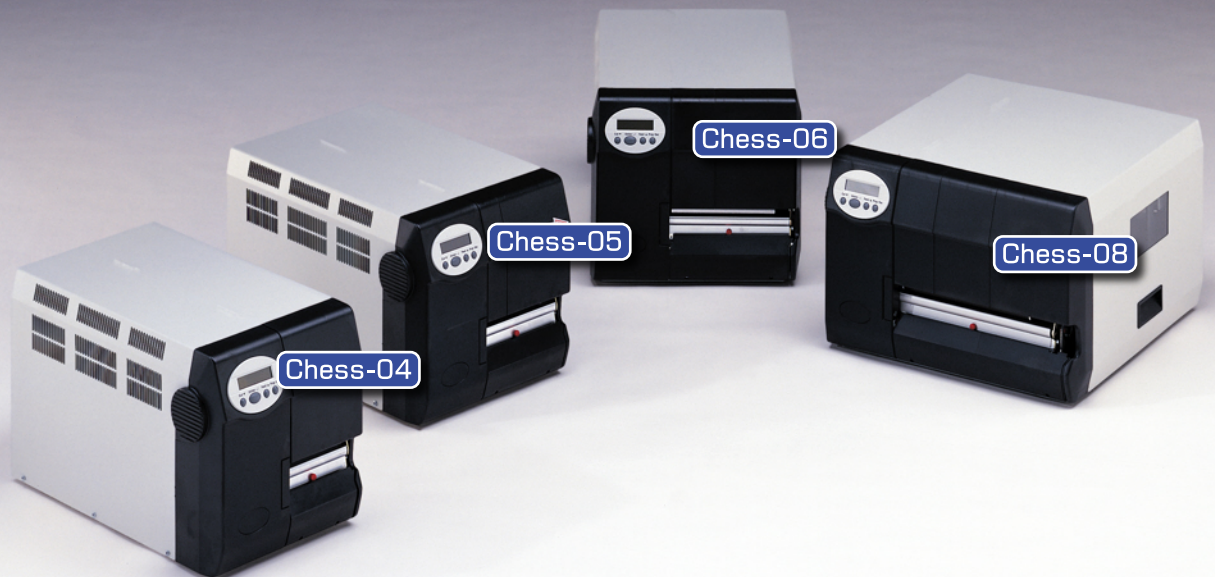
Top of the Range Printers:
- ◆ Fastest Processing
- ◆ Best Connectivity
- ◆ Quickest Print Speed
- ◆ Automatic Ribbon-save
- ◆ RFID-Ready
- ◆ Industrial Construction

World Class Labelling Solutions

www.als-eu.com

Unbeatable &
Impressive

Excellence in performance and quality are the hallmarks of the Chess Series printers.

A professionally produced label gives your product an edge in the market place.

Labels have to contain a large amount of variable data.

Chess printers from ALS deliver a quick, precise and effective solution to your labelling requirements.

Tailored Performance

If your criteria are speed and flawless print quality, then a high-performance Chess printer is the perfect answer.

The Chess Series pack a punch: They are significantly faster than their competitors and are extremely economical and easy to use. Irrespective of whether you require barcodes, tags or production labels, at 300 dpi, the high print resolution guarantees unbeatable printed results, permanently. This is thanks to their high-performance processor.

With their wide range of built-in fonts, extensive linear barcode and 2-Dimensional code library, they also reproduce graphical images with flair. In addition, they have the ability to rotate scalable fonts virtually without restriction, so there's very little they can't do!

And if the high performance processor on the Chess Series isn't enough, it comes with a whopping 64 MB memory capacity as standard, to give the ultimate performing label printer in its class.

- Near-edge print head (12 dots/mm, 300 dpi)
- Ribbon saving mechanism as of 6 mm
- Real-time clock built-in
- Fonts scalable up to a factor of 16
- Text & barcodes rotatable through 90°, 180°, 270° and 360°
- RFID-Ready, whenever you are
- Proven track record in industry (3 shift operation)
- Robust, resilient, reliable

Perfect...
In Every Way
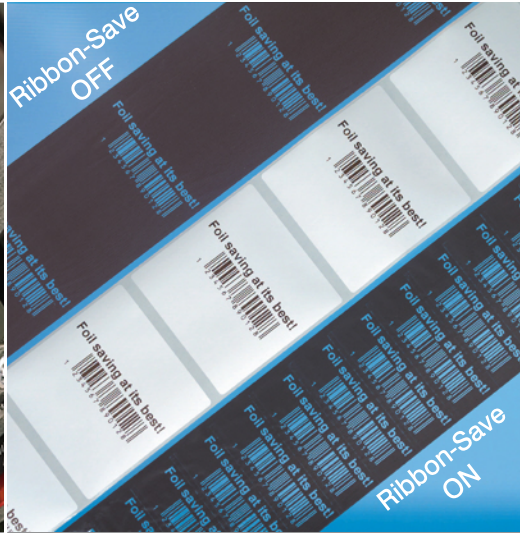
Practical:
The tool-free, quick-change function makes changing the print head child's play.

Economical:
The efficient ribbon-saving mechanism minimises thermal ribbon usage.

Made-to-Measure:
The modular concept includes removable accessories such as cutters, rewinders, dispensers & a mini keyboard for stand-alone operation.

No Waiting
Thanks to the multi-tasking operating system, the 400MHz MIPS AMD CPU transfers your data almost instantaneously and delivers top-class results at up to 400 mm/s at a resolution of 300 dpi.

Trust in the Dot Check
A tried and tested verification package (the standard dot check function and/or the optional online verifier) ensures reliable print results even with complex applications.

Practical and Flexible
Technology can be this simple: for example, the quick change function. The print head can be changed quickly and efficiently without the need for extra tools.

Ribbon-Saving Mechanism
From as little as 6 mm of print-free space, the intelligent ribbon-saving mechanism significantly reduces material consumption and can make significant cost savings.
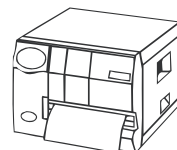
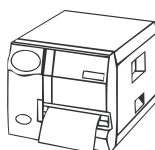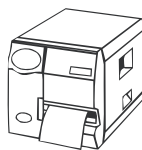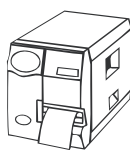### Extraordinarily Economical
The Chess printer series allows you to draw on unlimited resources. A ribbon capacity of up to 600 metres makes immediate savings and cuts set-up times dramatically.

Printing Harmony
You can't beat the modular concept. After all, removable accessories such as cutters, rewinders and dispensers makes your work easier, supports all kinds of applications and provides the perfect finish to your printing processes.

Technical Specifications

		Chess-04	Chess-05	Chess-06	Chess-08
Print Width:		106 mm	127 mm	160 mm	213 mm
Max Material Width:		113 mm	154 mm	185 mm	254 mm
Dimensions:	Width	310 mm	350 mm	380 mm	478 mm
	Depth	305 mm	305 mm	305 mm	305 mm
	Height	480 mm	480 mm	480 mm	480 mm
Print Technology:	Thermal direct and thermal transfer printer
Print Head:	Intelligent, high-resolution near-edge print head with integral temperature control; Resolution: 12 dots/mm (300 dpi); quick-change print head module
Print Speed:	50-400 mm/s, depending on label and ribbon combination.
Print Media:	Self-adhesive, card and synthetic materials suitable for direct thermal and thermal transfer printing up to 240 g/m2
Ribbon Capacity:	Rolls up to 600 m in length
Ribbon-Saving Mechanism:	As of 6 mm unprinted area, depending on the print speed
Emulation:	EasyPlug, ZPL-II, Line printer, Hex dump
Processor:	400MHz AMD 32-Bit Multi-Tasking CPU, with 64MB RAM
Interfaces:	Ethernet 10/100 Base-T, Parallel IEEE-1284, Serial RS-232, 2 x USB-A, 1 x USB-B
Memory Card:	1 x Compact Flash (CF); 1 x SD/MMC
Fonts:	17 standard fonts (incl. OCR-A and OCR-B), rotatable through 0°, 90°, 180° and 270°, can be zoomed along the X/Y axes to a factor of 16 and two scalable fonts (infinitely rotatable from 1° through 360°), downloadable TrueType Fonts are supported
Barcodes:	EAN-8 and 13 with 2 and 5 add-on, UPC-A, UPC-E, Code 39, Code 93, Code ITF Codabar, Code 128, Code 2/5 Matrix, Code 2/5 Bars, Code MSI, Code UCC EAN 128, Code 128 (UPS), Postcode; 2-D Barcodes: Data Matrix, PDF 417, Maxi Code, Codablock F
Display:	2-line, illuminated matrix display, 16 characters per line, multilingual
Accessories:	High-performance cutter with dual-cut function, practical bolt-on rewinder with variable winding direction, reliable dispenser & external powered jumbo unwind/rewind.
Options:	USI Board, reflex sensor, full-size sensor, online verifier, USB keyboard for off-line use, RFID upgrade kit.

Specifications are subject to change without prior notice.
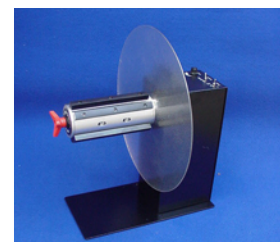
ALS is a leading European supplier and manufacturer of high-quality, competitively priced labelling systems, consumables and accessories. In addition to the Chess Series printers, the company offers a comprehensive range of label applicators, print & apply systems and product handling equipment, to meet labelling requirements across an extensive range of industries and applications.

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