

# 64-0x family

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Power, speed, efficiency –  
performance<sup>3</sup>



**AVERY  
DENNISON**

Monarch®  
Products and Services

# Efficiency in a big way.

Optimum supply chain management is vital if you are to survive in today's market. And to achieve it, efficiency, reduced costs and end-to-end traceability are required.

A professional label is the key to greater efficiency in the supply chain; but only if the label itself is produced efficiently.

Large quantities of labels with complex layouts and rapidly changing variable data present a particular challenge to the label printer: This is where speed, robustness and economy are of the essence.

## High-performance that pays off

High-performance thermal transfer printers from the 64-Ox family are ideal for industrial applications that need to meet **high demands**.

Operating up to 20 times faster than competing products, the 64-Ox thermal transfer printer always drives in the fast lane. Whether used to print bar codes, tags or production labels, this powerful machine is impressive thanks to several additional features that are critical when in constant industrial use.

The unique foil-saving mechanism delivers considerable **cost savings**. Thanks to swift data processing, these printers are even able to cope with large quantities of variable data and graphical elements. At the center of the extensive range is the high performance processor, complemented with a font and bar code library. This allows for essential performance features such as enlargement capabilities, two-dimensional presentation and the ability to rotate the scalable fonts almost entirely freely.

The 64-Ox family will do your supply chain a power of good. **Robust and reliable**, it prints your labels just-in-time, just-in-sequence and with virtually no outages.



## Your Advantages

The 64-Ox family from Avery Dennison is the ideal solution for you:

### Practical:

The quick change function makes changing the print head straight forward.

### Economical:

The ribbon saving mechanism maximizes foil utilisation.

### Made-to-measure:

The modular concept includes exchangeable accessories including cutters, rewinders and dispensers, and supports all kinds of processing.

# 64-Ox – perfect in every way!

## Foil-saving mechanism

The printers of the 64-Ox family ensure intelligent foil utilisation. From as little as 6 mm of print-free space, the foil saving mechanism significantly reduces material consumption and thus makes for dramatic cuts in your costs.

## Extraordinarily economical

The 64-Ox family allows you to draw on unlimited resources. A foil feed capacity of up to 600 m makes immediate savings and cuts setup times dramatically.

## Trust in the dot check

A mature 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 so simple. Our modular concept allows you to use exchangeable accessories entirely flexibly.

## Top quality, top efficiency

The 64-Ox family delivers maximum quality printing results. The unbeatable data processing of the multitasking system and the print speed of up to 400 mm/s makes the family extremely efficient. The ribbon-saving mechanism lowers material consumption.

## For high-performance applications

The 64-Ox family is used wherever performance is vital – for instance for traceability or labelling for internal logistics and transportation.

## 64-Ox printers



### Benefits for you

- Top quality print results
- Reduced material consumption thanks to ribbon-saving mechanism
- Less downtime thanks to large material capacity
- System compatibility with Ethernet and MLI emulation
- High level of user-friendliness
- Robust and long-lasting thanks to industrial quality design
- Future-oriented: RFID can be fitted
- Always in step with your production
- Maximum efficiency

# Your 64-0x family at a glance

Printer specifications:	
Print technology:	Direct thermal and thermal transfer printer; intelligent, high-resolution near-edge print head with integrated temperature control
Print head:	Resolution: 12 dots/mm (300 dpi); quick-change modules
Print speed:	50 - 400 mm/s
Print width:	64 <sup>04</sup> : 106.6 mm; 64 <sup>05</sup> : 127.9 mm; 64 <sup>06</sup> : 159.9 mm; 64 <sup>08</sup> : 213.2 mm
Memory:	64 MB RAM / 4 MB ROM
Emulation:	Easy Plug, Lineprinter, Hexdump, MLI
Interfaces:	Serial RS-232 C, RS-422/485 (optional); parallel Centronics*; 2 x USB host, 1 x USB device; Ethernet; WLAN functionality, Web-Server, Ftp-Server, CF-card slot
Fonts:	17 standard fonts (incl. OCR-A and OCR-B), rotatable through 0°, 90°, 180°, 270° can be scaled in X/Y up to a factor of 8, 3 scalable fonts, TrueType fonts supported
Barcodes:	1-dimensional: EAN 8 and EAN 13 with 2 and 5-digit add-on, UPC-A, UPC-E, Code 39, Code 93, Ratio 3:1 and Ratio 2.5:1; Code ITF, Codabar, Code 128, Code 2/5 matrix, Code 2/5 1, Code 2/5 5, Code 2/5 Interleaved Ratio 1:3, Code 2/5 Matrix Ratio 1:2.5; Code 2/5 Matrix Ratio 1:3; Code MSI, Code EAN 128; Postcode (Guide and Identity Code), UPS Code 128; all barcodes scalable for 16 widths and heights; 2-dimensional: Data Matrix Code, PDF 417, Maxi Code, Codablock F, Code 49, GS1 databar, EAN•UCC composite symbology
Graphics formats:	BMP, PCX, JPG, TIF, GIF
Software:	Windows® drivers (95 / 98 / 2000 / 2003 / NT / Vista)
Foil-saving mechanism:	As of 6 mm unprinted area
Weight:	64 <sup>04/05</sup> : 20.0 kg; 64 <sup>06</sup> : 21.5 kg; 64 <sup>08</sup> : 26.0 kg
Dimensions (H x W x D) in mm:	64 <sup>04/05</sup> : 305 x 320 x 490 / 64 <sup>06</sup> : 305 x 350 x 490 / 64 <sup>08</sup> : 305 x 450 x 490
Options:	Extern: Cutter with dual-cut function from 1 through 5 mm, rewinder with variable wind direction, dispenser with applicator, WLAN CF Card, Compact Flash Card Intern: Reflection sensor, full-size sensor, offline version with key-board, footswitch, USI board, RFID upgrade (HF and UHF), addit. RS 232 C / 422 / 485* Interface, Real Time Clock (as standard)

\* 2<sup>nd</sup> serial interfaces will replace Centronic interface; Windows® is a trademark of the respective company.

Material:	
Material specifications:	Roll and fan-fold materials suitable for thermal and thermal transfer printing; 64 <sup>04/05/06</sup> : max. 240 g/m <sup>2</sup> ; 64 <sup>08</sup> : max. 160 g/m <sup>2</sup> ; Material width: 64 <sup>04/05</sup> : 25.4 - 154 mm (dispenser 25.4 - 140 mm) / 64 <sup>06</sup> : 30.2 - 185 mm (dispenser 30,2 - 172 mm) / 64 <sup>08</sup> : 100 - 254 mm (dispenser: on individual request); external diameter: max. 210 mm; core: 1.5", 3", 4";
Foil specifications:	External diameter max. 90 mm, internal diameter 25.4 mm (1"), Length up to 600 m

The name Avery Dennison is associated worldwide with perfect labelling. In addition to Print & Apply systems and thermal transfer printers, we also offer: Service, Software and Consumables.



We reserve the right to make technical modifications. (04/2009)

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