

Thermal Transfer Overprinter



Ultimate Efficiency

Printing speed up to
800 mm/s

Easy to Use

Simple Operator Interface Withstand
Various Harsh Environments Good
quality and few problems can extend
the production time

Compact design

Compact body can be integrated
into existing production lines. First
choice for equipment manufacturers
and system integrators

Easy to operate

10-inch full-color LCD touch screen control, large-screen
operation, preview support. Operator errors can be reduced.
Simple ribbon box design, fast replacement of ribbons,
automatic identification and adjustment for quick work. 1200m
large ribbon capacity and various ribbon saving modes can
reduce the frequency of ribbon replacement.

Machine management

Print head usage statistics,
intelligent reminder to
replace the print head

High-end manufacturing

Aerospace-grade aluminum,
CNC molding process, Industrial-
grade standard body, rugged
and durable.

Easy Operate

Human-machine interaction
Consumables replacement
reminder, Belt breakage reminder,
Effortlessly monitor work status.

Professional Hardware

Self-developed PCBA motherboard, Industrial-grade high-
performance CPU, Industrial-grade high-speed computing
FPGA, Industrial-grade anti-interference solid-state electronic
components, and SMT assembly process.

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Application Area



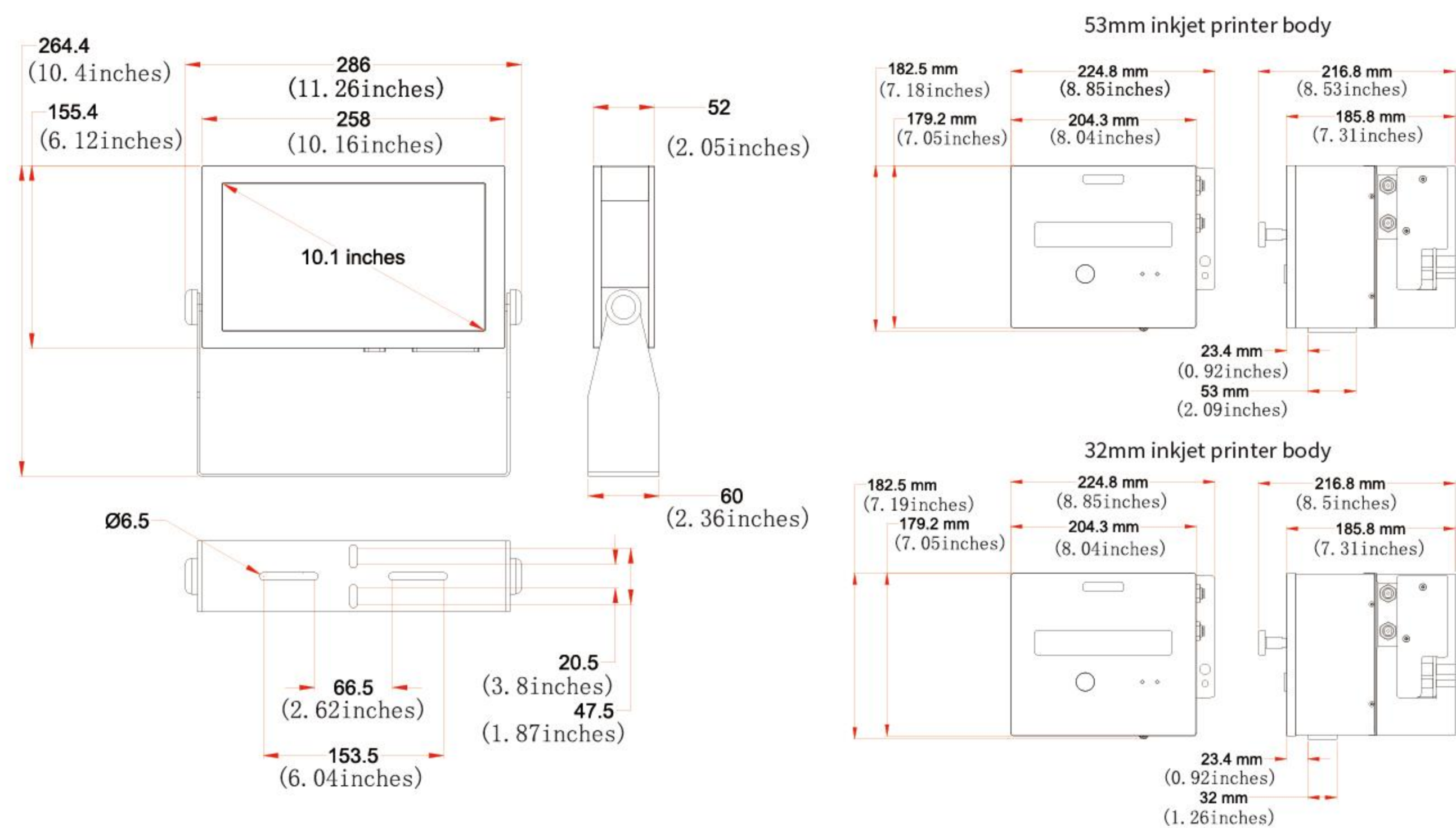
Product Description

R3000 series is an intermittent high-speed thermal transfer printer, printing speed up to 800 mm/s, print resolution up to 300DPI Support two print widths 32mm and 53mm, more than 40 languages, can print bar code, graphics and others, provide a cost-effective solution for your application.

Printing Capabilities



Dimensions



Machine Parameters

Brand	Codpad
Models	R3032 / R3053
Power Supply	AC 110-230V 50 / 60 Hz
Working Environment	Temperature:0-45°C, Humidity: 30-70%Rh
Dimensions	Coding Machine: 224.8 x 216.8 x 182.5 mm Controller: 258 x 155.4 x 52 mm
Printing Gap	≥ 0.1 mm
Printing Resolution	300 dpi
Material Types	High barrier film, stick packaging, sealed bag, sealed packaging, bagged, metallized label, decorative label
Operation Interface	10-inch full-color LCD touch screen control
Standard Communication	USB, RS232, TCP/IP network interface (supports network remote centralized control management, docking weighing machine/conveyor/paging machine/packaging machine/enterprise resource planning database/drug supervision code/anti-counterfeiting traceability system)

Printing Parameters

Air Supply & Air Consumption	1.5-4.0 Bar / 22.5-60 Psi
Operating Mode	Intermittent Printing
Print Mode	Thermal Transfer Overprint
Weight	Coding Machine: 7.5 kg Controller: 2.4 kg
Ribbon Width	24 / 33 / 35 / 55 mm
Ribbon Length	400 / 600 / 800 / 1200 m
Print Area	32 x 75 mm / 53 x 70 mm
Maximum Print Speed	200 - 350 mm / s (Up to 800 mm / s)
Print Content	Language characters/GS1 Data Matrix/Dynamic QR Code/barcode/graphics/serial number/date/shift/counter/variable database/Serial real-time dynamic data printing(multi-information group printing)

TEL: +86 139 2896 7650

Fax: (+86)20-81631033

Add: Building 2, NO. 27, Hejing Road, Liwan District, Guangzhou, China

E-mail: service@docod.com.cn

Web: www.docod-group.com



DOCOD WEB SITE