# Fastest Throughput of Any Line Matrix Printer

# T6200 Series

## 1800 LPM
## 1500 LPM
## 1200 LPM

## Ground-breaking solutions for high-volume, mission-critical impact printing

Tally combines cutting-edge innovation with time-tested technology to make the T6212, T6215, and T6218 superior in speed, reliability, and quality. At 1200, 1500, and 1800 lines per minute (LPM) respectively, they provide the fastest throughput of any line matrix printer.

The patented "SmartRibbon" 250 offers clean-hands ribbon cartridge convenience while delivering new ribbon quality over its entire 250 million character life—the longest life in the industry.

### Excellent Features
- 1200, 1500, and 1800 lines per minute; Monthly workloads to 512,000 pages
- Remarkable ECMA Spreadsheet throughput speeds over 44 pages per minute

### Outstanding forms handling
- Straight paper path with a 4-tractor system for jam-free operation

### Superior Reliability
- Consistent print density with the exclusive "SmartRibbon" technology, the first form is identical to the last form with this easy to install clean-hands ribbon cartridge
- Read/right bar code algorithm produces high quality bar codes with no loss of throughput

### Ease of Use
- Quick-change, clean-hands ribbon cartridges
- Ergonomically enhanced control panel and reversible doors for operator convenience

### Exceptional Connectivity and Compatibility
- Twinax, Coax, Ethernet, IPDS and IPDS over TCP/IP
- QMS® Code V™ and Printronix® Graphics Language (PGL) compatibility for industrial graphics and bar codes

EXPECT More.

Monochrome Laser
Line Matrix Computer Printers
Color Laser   Ink Jet
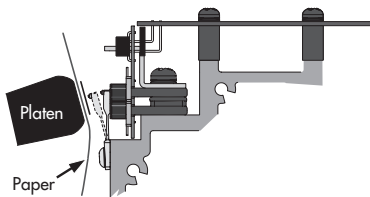Serial Dot Matrix

**Tally®**

**Computer Printers**

## Tally firsts...

- We invented the Line Impact Dot Matrix printer (1970)
- Developed first quietized line printer
- Developed and patented a low-weight, high-inertia shuttle
- Developed first printers with auto-switching I/O ports
- Developed first printers with embedded industrial graphics languages
- First manufacturer to achieve ISO 9000 certification
- First manufacturer to develop a Quality Assurance system using real-time data collection & feedback
- Developed and patented the Smart Ribbon® system that provides uniform print density over the ribbon's life

## *Technical Features & Benefits*
### Hammer Bank Benefits

### Stored energy technology using robust hammer spring

- Offers inherent high reliability



Platen

Paper

- Generates high energy for multi-part forms
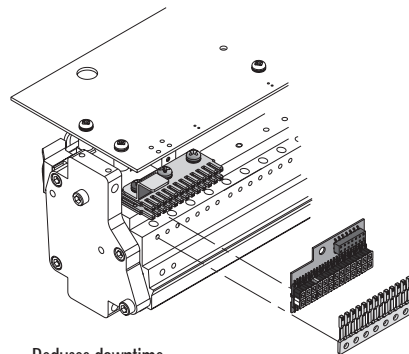- Provides uniform dot density

### New, high-efficiency coil uses 40% less power, returns flyback energy to power supply

- Produces less heat
- Yields higher reliability

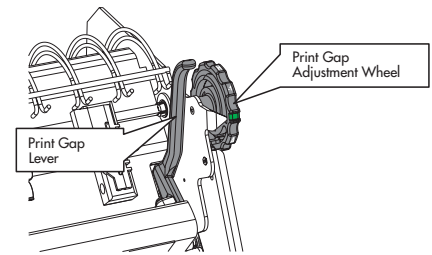### Hammer drivers mounted on hammer bank to greatly reduce cabling needs

- Higher reliability
- Improved diagnostic capability

### Modular hammers and coils are easily replaced in the field



- Reduces downtime
- Lowers service costs

## Forms Handling Benefits



Paper Guide
Upper Tractors (Open)
Ribbon Shield
Print Mechanism
Paper
Ribbon
Platen
Lower Tractors (Open)
Print Mechanism
Paper

### Four-tractor system

- Allows high slew speeds
- Accurate forms tensioning
- Forms reversal capability
- Steel tractor pins in upper tractors for reduced wear, longer life

### Straight-through paper path

- Excellent forms handling

### High-speed, high-torque paper drive

- Greater throughput
- Accurate handling of heavy forms

### Hinged, self-closing upper paper guide

- Easy forms loading

### Independent forms thickness and forms loading settings



Print Gap Adjustment Wheel
Print Gap Lever

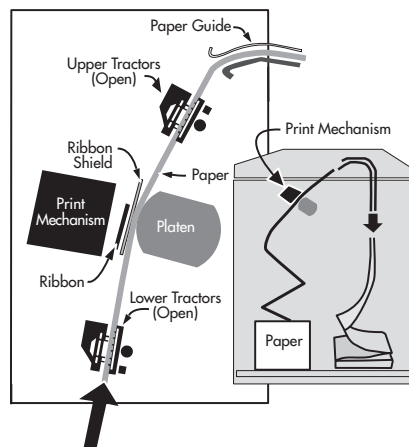- Correct print gap is remembered when loading new box of forms

### Constant print gap location

- Reduces possibility of smudging

### Infinitely variable forms thickness adjustment

- Permits optimum forms thickness setting

## Smart Ribbon System Benefits

### Provides a constant supply of ink to the print mechanism

- Exhibits a uniformly high contrast over the ribbon's life. Other ribbons fade rapidly and in proportion to use

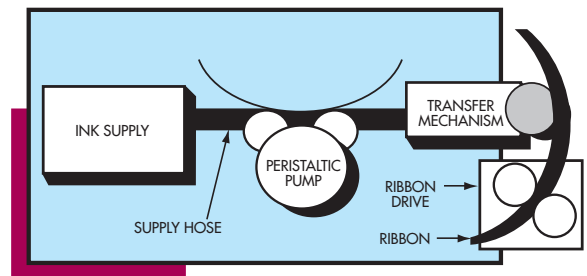### Intelligent Ribbon Software (IRS) examines data stream en route to the print mechanism

- Permits real-time control of ribbon to precisely match ink supply to ink demand

### Ribbon fault detection

- Ensures that ribbon is correctly installed and free of jams

### Weld detection for reinking ribbons prevents printing on ribbon weld

- Eliminates possibility of poor print quality as a result of printing directly on the fabric weld
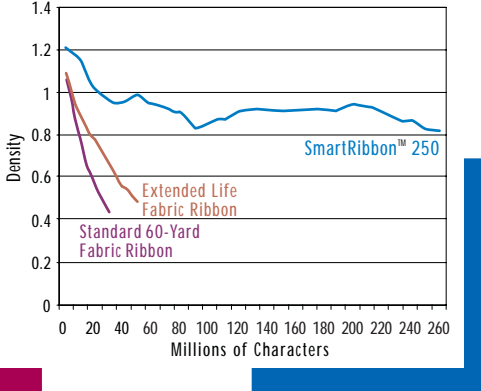- Increases life of the ribbon



INK SUPPLY
PERISTALTIC PUMP
TRANSFER MECHANISM
RIBBON DRIVE
SUPPLY HOSE
RIBBON

## *Tally* ®
## *Computer Printers*

**Uses independently controlled motors for ribbon drive and peristaltic pump**

- Allows optimization of print contrast for every text and graphics application

**Yields very high ribbon life**

- The first form is identical to the last form with the easy-to-install "SmartRibbon"

### Tally SmartRibbon™ vs. Competitive Ribbons



- SmartRibbon™ 250
- Extended Life Fabric Ribbon
- Standard 60-Yard Fabric Ribbon

*Density* / *Millions of Characters*

- Supports unattended operation
- Less operator intervention
- Kinder to the environment

## A Few Key Features at a Glance
### LANPlex I/O

All LANPlex-equipped Tally printers are supplied with Tally Printer Management, a powerful set of features to facilitate setup and operation of Tally's network capable printers.
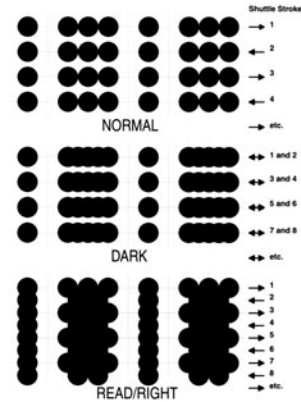
### HP Web JetAdmin Compatibility

- Industry standard printer management tool
- Provides discovery and setup of IP addresses out-of-the-box
- Support for the Properties button and associated items
- Support for the Config button and associated items
- Support for the Diagnose button and associated items
- Provides compatibility with management tools such as HP OpenView, Tivoli NetView and Lexmark MarkVision. Provides hyperlink from Web JetAdmin to WebPanel

### WebPanel

- A Web server embedded in the printer
- Provides full remote control of all printer and network interface settings
- Provides full status and diagnostics
- Printer reports are provided in separate browser windows
- Secure access with password control
- Embedded online help and FAQs included along with hyper-links to Tally support pages on the Web
- Printer can be configured to send e-mail to a systems administrator upon printer events such as Offline, Paper Out, Paper Jam, and other fault conditions
- Supports HTTP 1.1 and HTML 4.0
- Can be configured for English, French, German, Italian, Spanish and Swedish languages
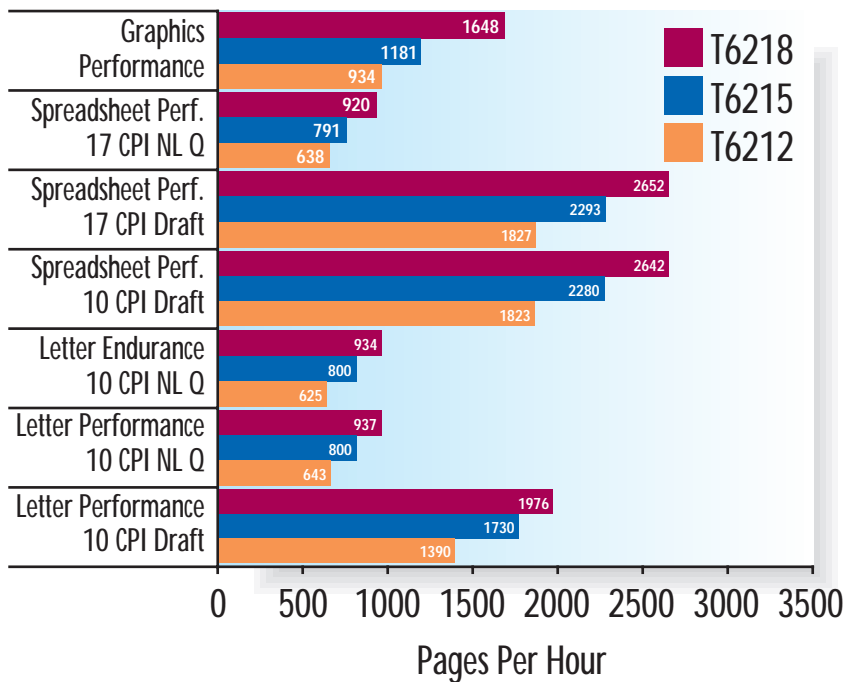
### Read/Right Bar Codes



Tally's exclusive Read/Right bar codes incorporate an innovative new printing algorithm which greatly improves bar code readability without sacrificing throughput.

## How Fast Are We?
## The Proof Is in the Numbers!

To measure the speed performance of impact printers objectively, the European Community Manufacturer's Association (ECMA) adopted standards for testing print speed, and ECMA is the internationally accepted benchmark test. We expected the T6212, T6215 and T6218 to be fast, but the results of standardized ECMA testing exceeded all expectation. The chart below depicts the throughput (pages per hour) of the standard ECMA tests.

### ECMA 132 Throughput



| Test | T6218 | T6215 | T6212 |
|---|---|---|---|
| Graphics Performance | 1648 | 1181 | 934 |
| Spreadsheet Perf. 17 CPI NL Q | 920 | 791 | 638 |
| Spreadsheet Perf. 17 CPI Draft | 2652 | 2293 | 1827 |
| Spreadsheet Perf. 10 CPI Draft | 2642 | 2280 | 1823 |
| Letter Endurance 10 CPI NL Q | 934 | 800 | 625 |
| Letter Performance 10 CPI NL Q | 937 | 800 | 643 |
| Letter Performance 10 CPI Draft | 1976 | 1730 | 1390 |

Pages Per Hour

# The Ultimate in Speed, Reliability, Functionality Compatibility

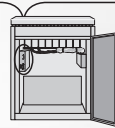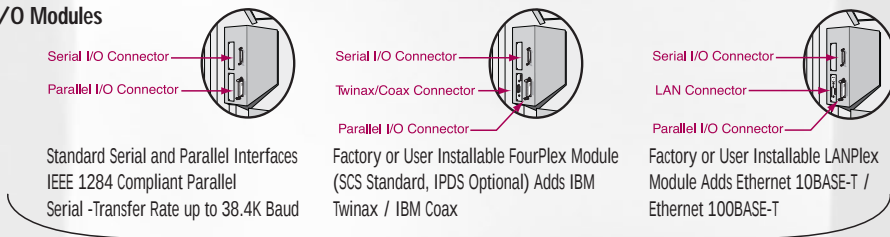| Features & Specifications | T6212/T6215/T6218 |
|---|---|
| **Print Technology** | Line impact dot matrix |
| **Print Speed** | T6212: 1200 lines per minute (text), 150 inches per minute (graphics) |
| | T6215: 1500 lines per minute (text), 187 inches per minute (graphics) |
| | T6218: 1800 lines per minute (text), 225 inches per minute (graphics) |
| **Workload** | T6212: 345,000 pages per month; T6215: 430,000 pages per month; T6218: 512,000 pages per month |
| **Acoustic Level** | T6212: 50 dB(A); T6215: 52 dB(A); T6218: 55 dB(A); per ISO 7779 |
| **Character Printing Modes** | Constant density fonts; enhanced fonts |
| **Character Sets** | Over 1000 character sets |
| **Characters Per Inch** | 5, 6, 6.7, 7.5, 8.3, 8.6, 10, 12, 13.3, 15, 16.7, 17.1, 20 cpi |
| **Lines Per Inch** | 1.5, 2, 3, 4, 5, 6, 8, 9, 10 & 12 (plus variable line spacing) |
| **Fonts** | Draft, Data Processing, Courier, Gothic, OCR A & B |
| **Character Styles** | Bold, italic, superscript, subscript, underline, overline, strike through |
| **Graphics Resolution** | Maximum: 240 x 288 (H x V) |
| **Graphics Compatibility** | Tally Industrial Graphics; QMS® CODE V™ Version 2; Printronix® PGL |
| **Bar Codes** | Code 39, Code 128, Interleaved 2 of 5, UPC-A, UPC-E, EAN 8, EAN 13, EAN 128, Codabar, Identicon 2 of 5, MSI, POSTNET |
| **Control Panel** | Alphanumeric display (six languages) provides complete access to printer operation, configuration, calibration and test features. Includes lockout feature, 32 character 2 line display, save up to 10 unique configurations |
| **Paper Handling** | Straight paper path, four tractor system, paper out and paper motion detection, forms position retained in non-volatile memory |
| **Print Media** | Up to 6-part forms, forms thickness maximum .025″, weight: 15-100 lb. stock |
| **Paper Sizes** | Width: 2.5″ – 18.9″, forms length: 1 – 255 lines |
| **Paper Advance** | Slew Speed: up to 36 inches per second |
| **Standard Interfaces** | Serial RS232 (up to 38.4K Baud) and IEEE 1284 Compliant Centronics Parallel (both ports hot, active port selected automatically) |
| **Standard Emulations** | Tally Line Matrix Printer, Tally Dot Matrix Printer, Printronix® P600 and P6000, HP 2564C, DEC® LG01, Epson® FX1180, Genicom® ANSI & IBM® Proprinter III XL |
| **Ribbon** | Easy-load, Smart Ribbon® clean-hands cartridges up to 250 million characters - ribbon fault detection |
| **Physical** | 40″ x 28.2″ x 28.3″ |
| | T6212, T6215 – 185 lbs. shipping weight; T6218 – 212 lbs. shipping weight |
| **Power Requirements** | 90 - 130/180 - 264 V, 57 - 63/47 - 53 Hz (auto-ranging) |
| **Environmental** | Temperature range: 10°C to 40°C (operating); -40°C to 66°C (non-operating) |
| | Humidity: 10% to 90% non-condensing (operating); 5% to 95% non-condensing (non-operating) |
| **Optional Interfaces** | FourPlex I/O: Twinax, Coax, Serial and Parallel, IPDS for FourPlex |
| | LANPlex I/O: Ethernet (10BaseT/100BaseT), Serial and Parallel, IPDS for LANPlex |

**Factory or User Installable I/O Modules**

Serial I/O Connector
Parallel I/O Connector

Serial I/O Connector
Twinax/Coax Connector
Parallel I/O Connector

Serial I/O Connector
LAN Connector
Parallel I/O Connector

Standard Serial and Parallel Interfaces
IEEE 1284 Compliant Parallel
Serial -Transfer Rate up to 38.4K Baud

Factory or User Installable FourPlex Module
(SCS Standard, IPDS Optional) Adds IBM
Twinax / IBM Coax

Factory or User Installable LANPlex
Module Adds Ethernet 10BASE-T /
Ethernet 100BASE-T

## Tally® Computer Printers

## Tally Printer Outlet
1-866-430-6202

T6212/T6215/T6218

Tally Printer Outlet.Com
1-866-430-6202

# **Fax for a Quick Quote**
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Choose Model:

☐ T6200

Organization _____

Name _____

Phone (_____) _____ Fax Number (_____) _____

E-Mail _____

Address _____

City _____ State _____ Zip _____

Please indicate your specifications or requirements:

_____

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Additional Comments:

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