

- Starn Job Shop Manager Plus™
- Software Development Services

# Starn Job Shop Manager *Plus*™

# **Product Features – Version 2.0**

Version 2.0 represents our 10<sup>th</sup> version release. This release adds material lot tracking, a feature essential to those job shops participating in quality conscious industries like Defense & Aerospace, and also a simple, yet dynamic scheduling tool to help manage your shop at the pace of today's customer expectations.

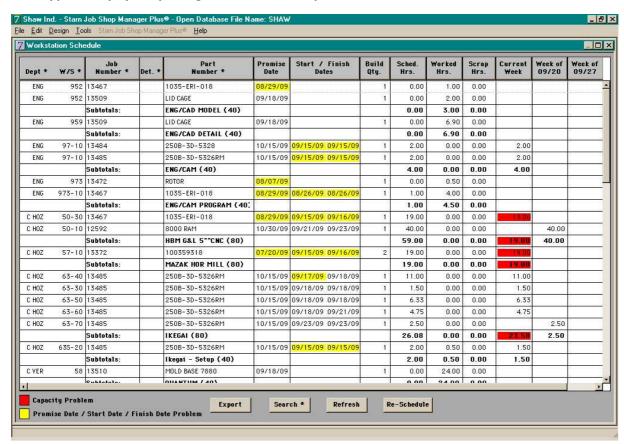
# **New Feature Summary**

#### **Material Lot Tracking**

Lot and Heat number tracking from purchase order to job order, or from stock item release to job order

### **Workstation Scheduling Chart**

- Chart display provides dynamic workstation scheduling and capacity planning
- Includes work in process labor reporting
- Option to reschedule individual operations or complete workstation backlog
- Suppress display and printing of non-bottleneck operations



1057 French Street, P O Box 1172, Meadville, PA 16335

Phone: 814-724-1045 • E-mail: info@starntech.com

#### Miscellaneous New Features

- Order Acknowledgement Report with email option
- Preliminary packing list
- Tooling purchase summary displays on Job Order Control window
- Advance payment processing
- Export data dictionary to Excel
- · Expanded, editable quote and job order descriptions
- Multiple shipping locations for each customer

# **Complete Feature List**

### **Chart View**

- Quote Chart quotes issued in month to date (MTD), year to date (YTD) formats; year-to-year customer summary report
- Job Order Chart orders received in MTD, YTD formats; year-to-year comparison report
- Sales Order Chart inventory orders received in MTD, YTD formats; year-to-year comparison report
- Work Load Chart current backlog with schedule and job status
- Work Load by Department Report
- Workstation Scheduling Chart
- Workstation Usage Report monthly shop hours spread by month with prior YTD comparison
- Job Analysis Chart job profitability in MTD, YTD formats; year-to-year customer summary
- Open Sales Order Chart current backlog of inventory orders
- Employee Efficiency Report
- Workstation Efficiency Report
- MRO/Stock Inventory Chart
- WIP (Work in process) Report
- · Finished Parts Inventory Chart
- Purchase Order Chart purchased items in MTD & YTD formats; year-to-year vendor summary report
- Defective Material Log
- Vendor Delivery Performance
- On-time Shipping Performance

# Quoting

- Supports activity based quoting
- Expanded, editable quote descriptions
- Quote setup window
- Choose from three styles of quote form
- E-mail quotations
- Eight standard and five ad-hoc price breaks
- Build a new quote from previous quote detail or from quote template detail
- Import quote information from Excel template
- Quote operations may be defined in **seconds**, minutes, or hours
- · Setup and run time operation estimates allow maximum price calculation flexibility
- Material cost calculator
- Wire EDM run time calculator
- Assembly or spare part quoting
- Efficiency factor may vary by operation

# **Job Processing**

- Job entry window with multiple line item auto-fill, automatic job number counter, check for duplicated purchase order entries
- Expanded, editable job order descriptions
- Order Acknowledgement Report with email option
- Preliminary packing list
- Basic start date schedule option
- Inventory restocking jobs automatically set up and closed out to finished goods inventory
- Job control window for status review and update, including job locator log via barcode scan
- Print invoice and packing slip; transfer to accounting software via data interface
- Print part tags

#### **Barcode Integration**

- Job locator input window
- Timekeeping input window
- Shipment tracking scan
- Bar-coded reports and labels

### **Job Costing**

- Supports activity based costing
- Shop rate and operating profit calculations at job close out
- Detail and summary job cost reporting
- Customer purchase order status report
- Scrap time and material control
- Option to use purchase order values for job costing; avoid accounts payable data entry
- Tooling purchases displayed on Job Order Control window

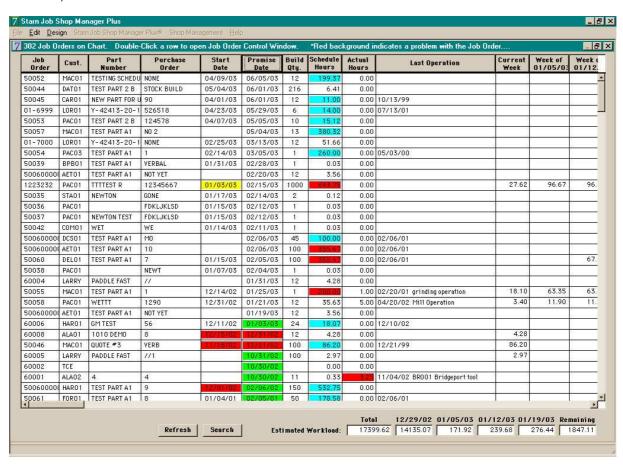
# **Monthly Reporting**

- New jobs and inventory sales orders
- Job and inventory sales order shipments
- Open job backlog
- Sales profit analysis
- Invoice reporting and analysis by customer
- Work in process
- Labor analysis

#### **Shop Scheduling**

- Workload chart with job order drill down, multiple sort and subtotal options, color coded job status, and export to Excel option
- Workload and shop load reports
- Workstation schedule report
- Start date report
- Expediting report

An example of the workload chart follows:



# Color Code Legend for Event and Exception Reporting

Green Job shipped within last seven days (colored Promise Date) Blue Job schedule has been set up (colored Schedule Hours)

Job to start today (colored Start Date) or due for shipment today (colored Promise Date) Red

Late starts (colored Start Date), past due shipment (colored Promise Date), shop capacity warning (colored

Schedule Hours), or job hour overrun (colored Actual Hours)

#### **Workstation Scheduling Chart**

- Chart display provides dynamic workstation scheduling and capacity planning
- · Includes work in process labor reporting
- . Option to reschedule individual operations or complete workstation backlog
- Suppress display and printing of non-bottleneck operations

#### Job Scheduling

- Automatically create job schedules using quote detail information
- Job schedule window for updates and other maintenance
- Job traveler and instruction log assembly and spare part versions
- GANTT project management chart
- Assembly report by department
- Promised and revised promise date

### **Stock & MRO Inventory Management**

- Inventory item chart
- Inventory item setup window
- Purchase order with automatic counter option and form print
- E-mail purchase order form
- Receiving report
- Vendor open item reporting
- · Accounts payable with accounting data transfer interface
- Job release window
- Lot and Heat number tracking from purchase order to job order, or from stock item release to job order
- MRO release window
- Inventory control reports, various
- Subcontractor expediting report
- Purchase history by job reporting
- Vendor setup window with e-mail support

#### **Accounting Data Interface**

- QuickBooks, Peachtree Accounting, or MAS-90 support
- Accounts receivable data transfer
- Advance payment processing
- Account payable data transfer
- Inventory material cost data transfer
- Interface setup and scheduling window
- General Ledger Account maintenance window
- Audit trail via export batch reporting and transaction files

# **Operations Planning & Analysis**

- Shop rate analysis
- Customer shipment performance
- Vendor performance versus schedule reporting
- Employee efficiency report
- Workstation efficiency report
- Workstation utilization report
- Workstation setup window
- Department setup window

## **Time Keeping**

- Four time entry options, daily time card, completed job, or daily production card data entry windows, plus barcode scanning option
- Scrap time
- Shop time (indirect time)
- Audit reports
- Hourly payroll summary report
- Employee setup window

### **Part History & Finished Goods Inventory Management**

- Part index window with drill down to quotes, job orders, or finished goods inventory
- Part search window with sub-string search facility
- Eight price break levels displayed
- Inventory card window with activity summary
- Print part tags
- Inventory sales order entry
- Open sales order report
- Open sales order chart with multiple sort and subtotal options
- Print invoice and packing slip with accounting data interface
- Reorder report
- Monthly usage twelve month moving average
- Blanket order control and consolidation
- Inventory reference list report
- Inventory restock report
- Part family management, reporting, and analysis
- Part Inactivity report

#### Inspection Reporting

• First article, in-process and final inspection reports via integrated Excel templates

### **Defective Material Reporting**

- Defective material report
- Analytic reporting by part, vendor, operation, employee

## **Calibration Management**

- Equipment inventory control
- Calibration scheduling
- Test results archive
- Label printing interface with Brother PT-1500PC
- Import gage data

# **Delivery Performance**

- Vendor delivery performance summary report
- Customer shipment summary report

#### **Form Control**

Maintain footer text for controlled forms

#### General

- On-line windows help
- Easy one-step edit on list fields for timekeeping, purchase orders, receiving, job scheduling.
- Counters for quotes, job orders, sales orders, invoice/packing slip, and purchase orders
- Logo image storage for form customization
- User password access with multiple level read/write control
- Ad-hoc reporting
- Data import and export utility
- Four navigation options, window buttons, menu choices, keyboard equivalents, or Recent Navigator
- Form printing on plain paper
- Business segment reporting option
- Hierarchical menu for navigation within product sections
- Rewritten user documentation
- Multi-user database access supports read-only ODBC
- Automated diagnostic and repair utility
- Data entry via selection from drop down lists
- Integrated drawing viewer access
- Tested & certified compatible with Windows Terminal Services
- Connected user administration facility
- Advanced Data Repair Tool
- Export data dictionary to Excel

### **System Requirements & Specifications**

- Windows 95/98/NT/2000/XP/Vista Compatible
- Memory requirement (beyond basic requirement for operating system): 64 Mb RAM (minimum); 256 Mb RAM (recommended)
- Hard drive free space requirement: 150 Mb (minimum); 4 Gb (maximum database capacity)
- Windows Networking for multi-user operation
- Accounting Interface option requires either QuickBooks, Peachtree Accounting, or MAS-90
- Print Viewer option requires combination of viewing program and appropriate document format, e.g., Acrobat (pdf), FastLook Plus (multiple format options), or equivalent combination
- Barcode option requires:
  - Barcode printer font
  - Welch-Allyn 3800 series reader (or equivalent)
  - Dymo Labelwriter 400 (or equivalent)
- Gage labeling option requires:
  - o Brother PT-1500PC