



Information is one of your most valuable assets. Accurate and timely information allows you to make more profitable decisions. Do you have the tools to cost effectively manage your vital information? By using Ibeam operations management software your answer can be “yes”.

The Ibeam Supply Chain and operations management software provides a flexible and extensive framework to map your actual production operations. This framework allows you to capture vital operational data at the most logical process points.

Ibeam software provides quick and accurate data collection by integrating state of the art bar code scanning and labeling technologies. Portable collection devices allow reliable, an efficient collection of data directly from the source, whether that is the factory floor, work cells, receiving dock, warehouse or call center. This vital information enables your staff to manage operations more efficiently, measure processes more accurately, and improve productivity.

Ibeam is designed for use with today’s industry leading relational databases to ensure full scalability and connectivity. Ibeam will complement your existing investment in information technology infrastructure and strategies. Ibeam management software combines data collection technologies, automating the collection of data, processing, and the delivery of this critical information to the people that can have an impact on the bottom line – that is what Ibeam software delivers to you.

**Control Center: Vendors**

File Edit View Records Shop Floor Data Collection Tools Operations Add-Ins Help Debug

Current  
Receiving  
Inventory  
Assembly  
History  
Administration

Customers  
Vendors

List Search Quick Pick

Vendors by State

- (2)
- CA (1)
- KY (1)
- SC (4)

VendorId	Name	Address1	Address
CC-23	Carolina Cranks	1210 First Street	
CDW	Computer Discount Warehouse		
DCWH	Data Comm Warehouse	18 Surrey Court	
IGIW-01	Indigo Iron Works Inc.	1092 Bay St	
PCCON	PC Connection		
PPP3	Performance Pistons	6701 Grade Lane	
SEC	Small Engine Components	1330 Lady Street	
VV-32	Victory Values	750 Wilson Road	

## Vendor Management

- Vendor List
- Vendor Details
- Notes

**Vendor**

File Edit View Tool Help

Vendors: 8

Information

General  
Contacts  
Notes

**Carolina Cranks**

Vendor ID: CC-23

Name: Carolina Cranks

Address: 1210 First Street South Ext

City: Columbia St / Prov: SC Postal Code: 29209

Phone: Ext: Fax: Ext: Order: Ext: Other: Ext:

Account Number: Terms: Days on Terms: 0 Discount: 0 Rating:

**Contact Name:** Richard Pittenger

**Contact Title:**

**E-Mail:**

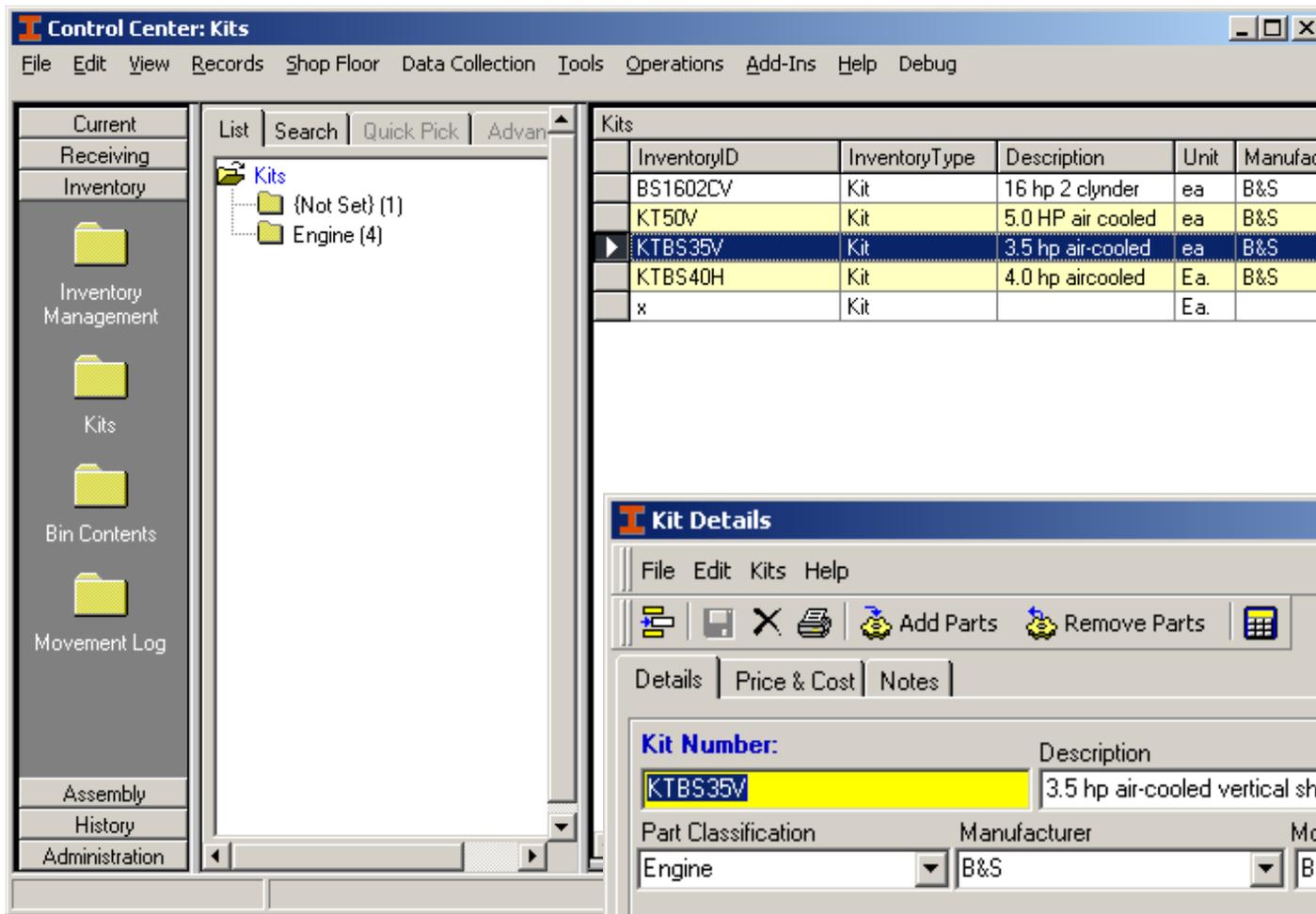
**Phone:** **Ext:**

Web Site: www.CarCrank.com

You buy parts for inventory from this vendor. Checking this box will display this vendor in Parts Ordering.

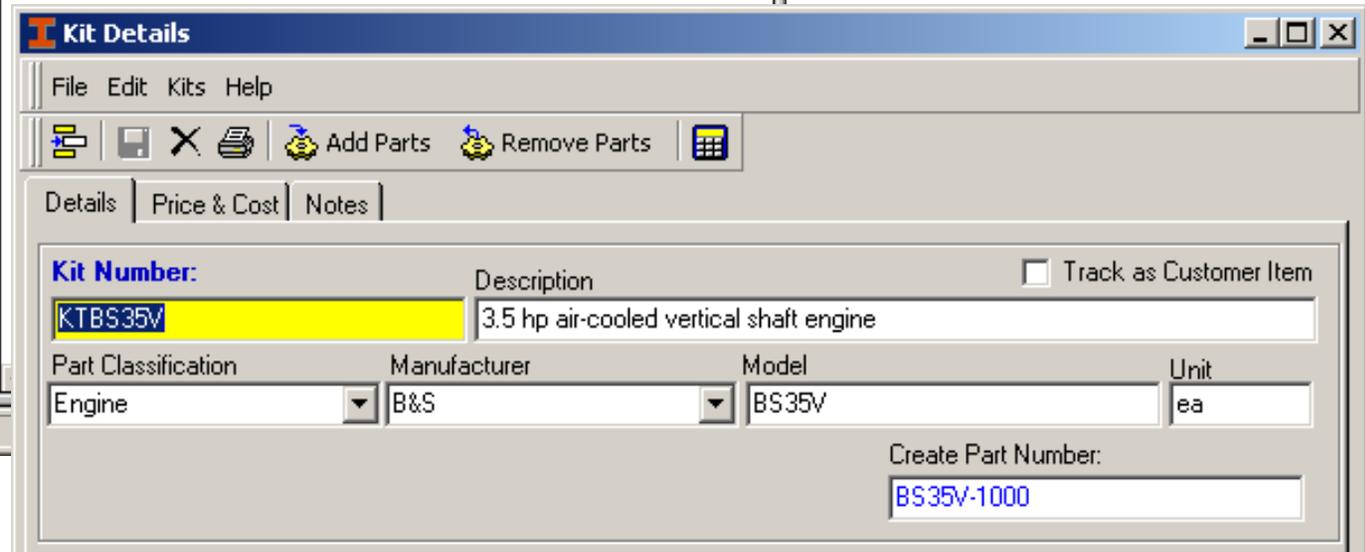
Reimburses warranty claims to you. Checking this box will display this vendor in the warranty process.

Vendor On Hold - Place no order with this vendor.



## Kit Management (View By)

- Part Classification
- Manufacturer



	Qty	Part Number	Type	Description	Cost	Price
▶	1	BS35BLK	Part		\$0.00	\$0.00
	1	BS35-CRNK	Part	3.5 hp crank with 3 over 5 ratio groove pu	\$0.00	\$0.00
	1	BS35-FT	Part	Fuel Tank	\$0.00	\$0.00
	1	BS35-PCwL	Part	Pull start cowl	\$0.00	\$0.00
	1	BS35-PST	Part	3.5 hp pistons with 3.45 over ratio groove	\$0.00	\$0.00
	1	BS35QC	Labor		\$0.00	\$0.00
	1	BS35-VAL	Part		\$0.00	\$0.00
	1	BS800MAG	Part	8 inch magnito with fin coolers	\$0.00	\$0.00
	1	BSLW-0923	Part	B&S spark plug lead wire	\$0.00	\$0.00
	1	BS-Pnts-77-SC	Part	B&S points for single cylinder engine	\$0.00	\$0.00
	1	C500-004312	Part	spark plug	\$0.00	\$0.00

## Kit Details

- Add parts directly from inventory, remove components and calculate total kit cost including labor.
- Apply labor as a kit component to capture labor cost for kit construction.
- Assign finished goods part number for completed kit.

**Control Center: Bin Contents**

File Edit View Records Shop Floor Data Collection Tools Operations Add-Ins Help Debug

Current  
Receiving  
Inventory

Inventory Management  
Kits  
Bin Contents  
Movement Log

Assembly  
History  
Administration

List Search Quick Pick Advan

Bin Contents

Location	BinNo	InventoryID	Qty
Main	01A351	1092873-092873	150.00
Main	01A351	BS35-VAL	37.00
Main	01A352		
Main	01A353		
Main	01A354	4050TN	-30.00
Main	01B009		
Main	01D101	BS35-FT	100.00
Main	01D102	BS35-PCWL	35.00
Main	01D103		
Main	01D104	BS800MAG	50.00
Main	01D105	BSLW-0923	150.00
Main	01D106	BS-Pnts-77-SC	50.00
Main	01D107		
Main	01D108		
Main	01D109	C500-004312	300.00
Main	01D110		
Main	01D111		
Main	01D112		
Main	01D113		
Main	01D114		
Main	01D115		
	02C102		
	72-001A		

Transfer

1 of 30 JKramer Production Data

## Bin Contents

View By:

- Locations
- Bins

Provides a complete list of items by location on one screen.

Tracks the transfer inventory between the bins and locations

**Inventory Transfer**

Part Number: BS35-FT

Fuel Tank

From: (Source)

Main

	Bin Number	Qty
<input checked="" type="checkbox"/>	01D101	100

To: (Destination)

Location

Bin

Quantity to Transfer: 1.00

Cancel Transfer

## Inventory Transfer

Tracks the transfer inventory to locations and bins. All movements are recorded in the movement log.

**Control Center: Movement Log**

File Edit View Records Shop Floor Data Collection Tools Operations Add-Ins Help Debug

Current  
Receiving  
Inventory

Inventory Management  
Kits  
Bin Contents  
Movement Log

Assembly  
History  
Administration

List Search Quick Pick Advan

Inventory Transfers

TransKey	InventoryID	Source	SourceBin
209	BS35-CRNK	Main	73-001CRK
208	BS35-CRNK	Main	73-001CRK
207	BS35BLK	Main	72-001A
206	BS35-PST	Main	DE-400-034
205	BS35-VAL	Main	01A351
204	C500-004312	Receiving	Receiving
203	BS-Pnts-77-SC	Receiving	Receiving
202	BSLW-0923	Receiving	Receiving
201	BS800MAG	Receiving	Receiving
200	BS35-PCwL	Receiving	Receiving
199	BS35-FT	Receiving	Receiving
198	BSLW-0923	Vendor	SEC
197	C500-004312	Vendor	SEC
196	BS-Pnts-77-SC	Vendor	SEC
195	BS800MAG	Vendor	SEC
194	BS35-FT	Vendor	SEC
193	BS35-PCwL	Vendor	SEC
192	BS35-PST	Receiving	Receiving
191	BS35-PST	Vendor	PPP3
190	BS35-VAL	Receiving	Receiving
189	BS35-VAL	Vendor	VV-32
188	BS35-CRNK	Receiving	Receiving

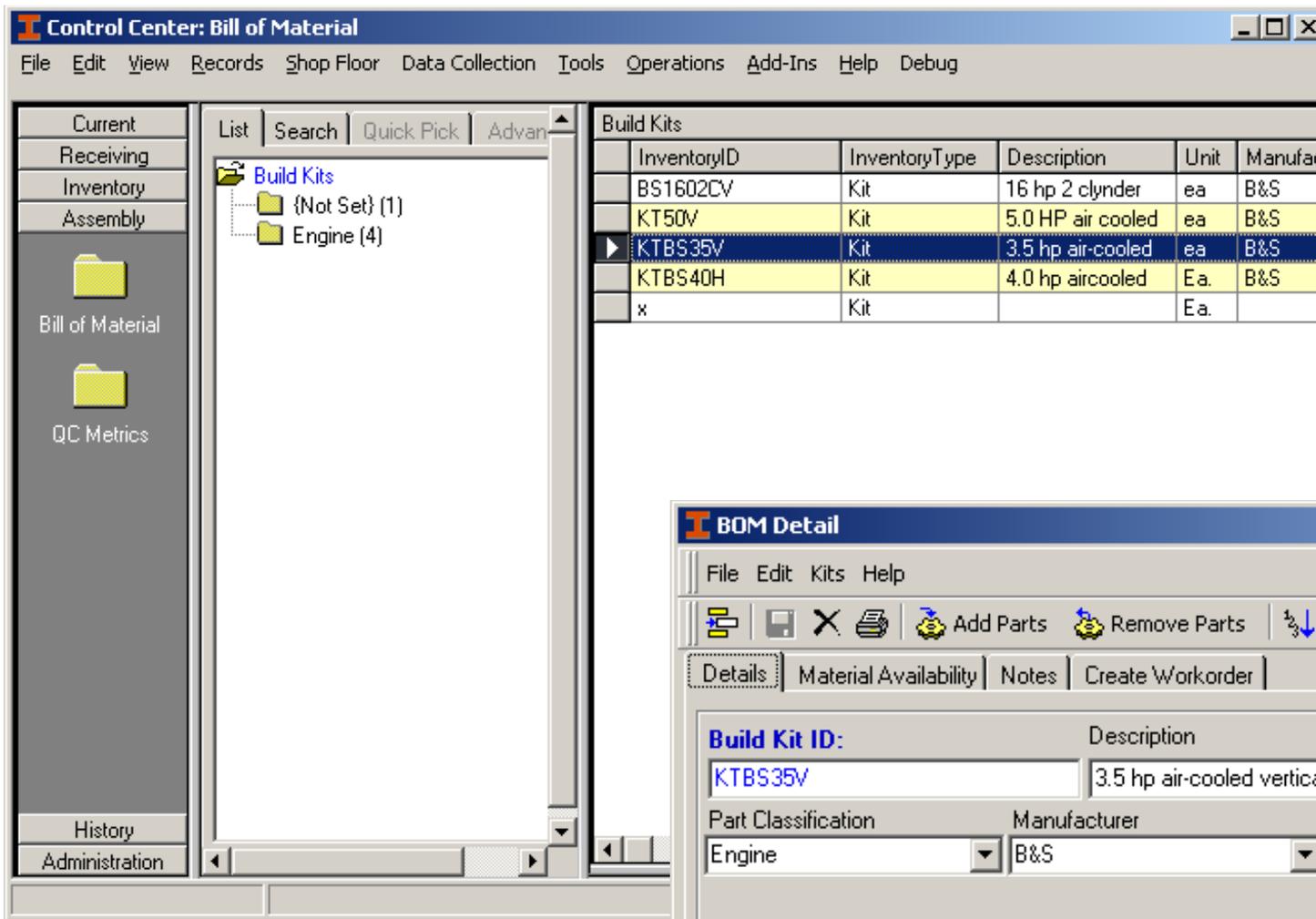
0 of 48 JKramer Production Data

## Movement Log

See all of your movement and activity in one place.

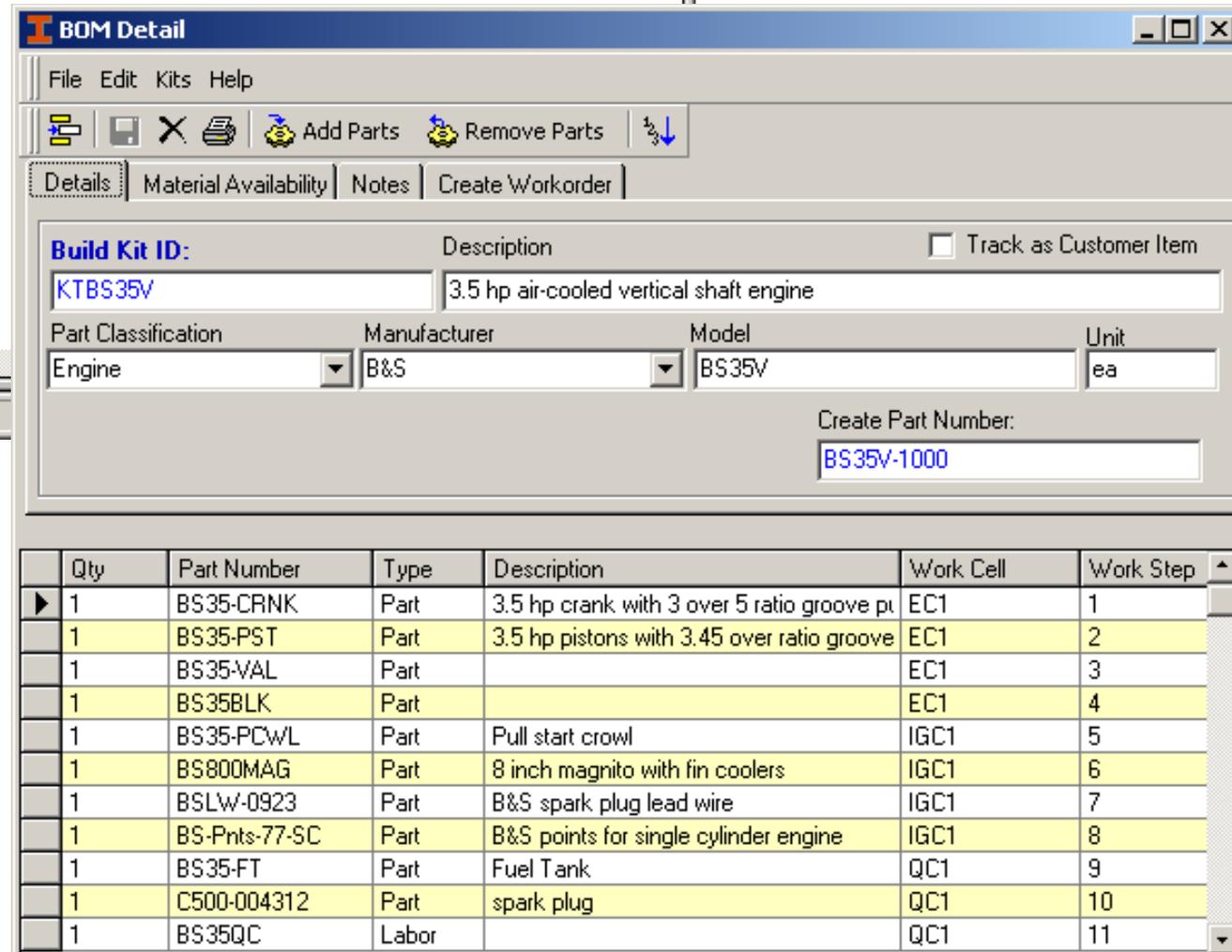
### View By:

- Source
- Source Bin
- Destination
- Destination Bin
- Date
- Part Number



## BOM/Workflow

Build a production kit with work cell and completion steps assignments.



## BOM Detail

- Define your own work cells
- Define your own workflow steps
- Create and end product part number for finished goods inventory
- Assign QC metrics

**Control Center: QC Metrics**

File Edit View Records Shop Floor Data Collection Tools Operations Add-Ins Help Debug

Current  
Receiving  
Inventory  
Assembly

QC Metrics

QC Metrics

Name	InventoryID	WorkCell	Description
DD500	T5600-043	QC4	a new dd500 te
FET-35	BS35QC	QC1	Final Engine Te
H500-0432	BS678-JH	QC1	some new test
D4500-094	BS40H	QC3	a new metrics to

QC Metrics

File Edit Help

Add Metrics Remove Metrics

Name: FET-35  
Description: Final Engine Test for the 3.5 hp engine  
Work Cell: QC1  
Part Number: BS35QC

Active	Name	Description	Type	Lower Bound	Upper Bound
<input checked="" type="checkbox"/>	EStart	Did the engine start up?	Yes/No	0	0
<input checked="" type="checkbox"/>	PullCount	How many pulls to start unit	Numbers	0	0
<input checked="" type="checkbox"/>	RPM-ST	RPM at full throttle	Numbers	2000	2600
<input checked="" type="checkbox"/>	SPG	Spark Plug Gap	Numbers	0.0034	0.0045

## QC Metrics Definition

- Define your own QC metrics to be captured during the workflow process
- Assign a metric to a work cell and part number

## QC Metrics

- Ask real world metrics questions
- Collect lower bound and upper bound results
- Yes/No checkbox
- Accessible results table
- Define your own metrics collection variables

**Add Metrics**

Metric Name: EStart  
Description: Did the engine startup?  
Active Metric:

Metric Definition

Metric Type: Yes/No  
Lower Bound:   
Upper Bound:

Cancel Add

**Work Cell**

Work Order Information | Notes | Task | QC Measurements | Task Completed

**Job Information**

Work Order: 1029  
 Job Number: -1  
 Lot Number:  
 Description: 3.5 hp air-c  
 Status: New  
 Priority: Normal  
 Job Start Date: 6/21/  
 Job Delivery Date: 6/21

**Customer Information**

Customer ID: EL5904  
 Electralux  
 1092 Main Street  
 Orangeburg, SC 29837  
 Customer Purchase Order: 3

**WorkCell Login**

Work Cell  
 EC1  
 Job/Batch Number  
 1029

Cancel Start

Start Stop Complete Complete All

## Work Cell

- Display work order information and customer information
- Job status
- Job priority
- Job start and delivery dates

## Work Cell

- Logon to work cell with batch number
- Job must be transferred to work cell before work can be started
- Must complete all tasks before moving to next work cell
- Show users task list to be completed for the work cell job assignments
- Capture QC metrics if assigned to this work order and work cell
- View all completed task to determine production status

**Work Cell**

Work Order Information | Notes | Task | QC Measurements | Task Completed

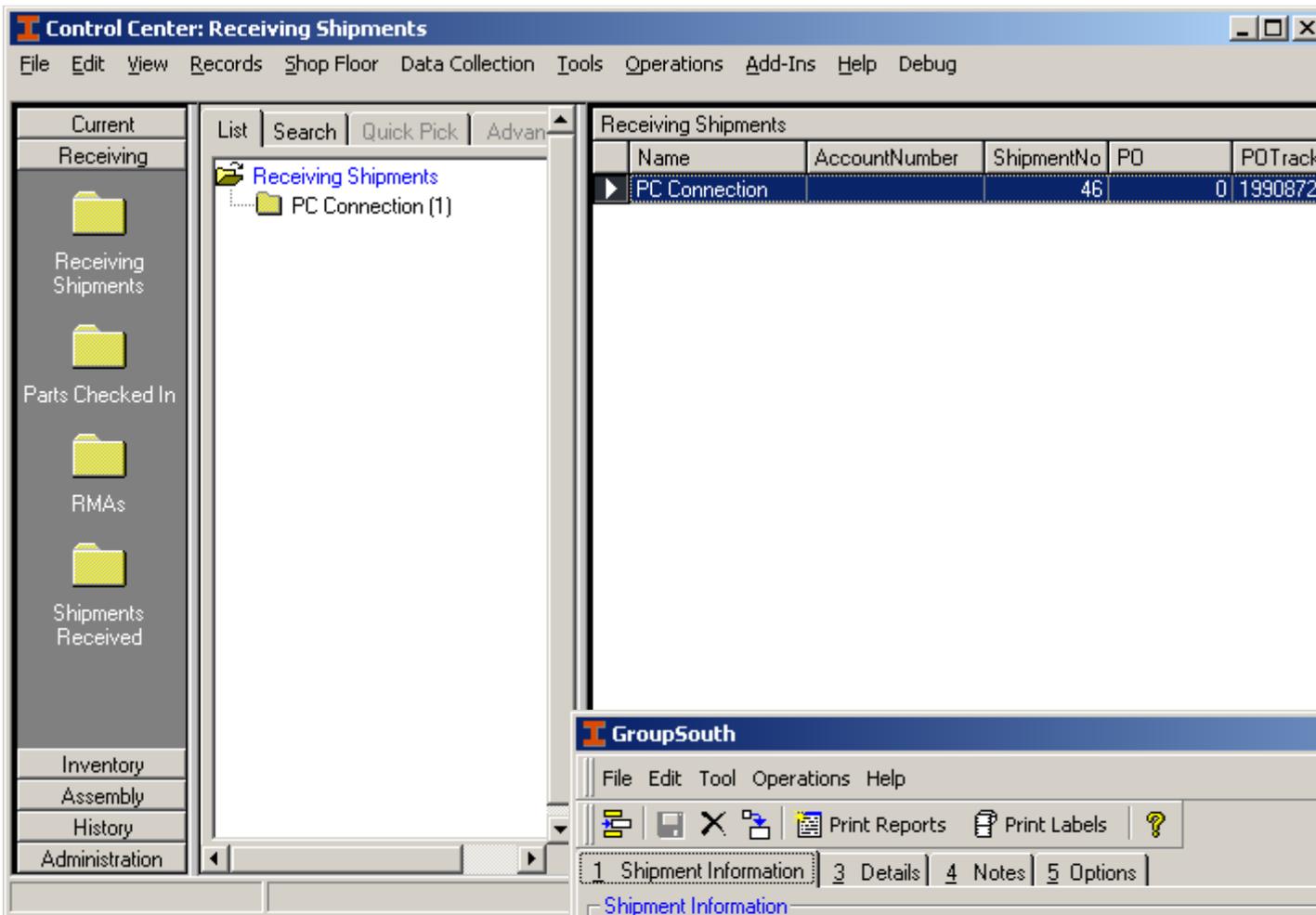
Qty	Part Number	Type	Description	Price	Ext	Step	Location
3	BS35-CRNK	Part	3.5 hp crank with 3 over 5 ratio groove p	\$0.00	\$0.00	1	EC1
3	BS35-PST	Part	3.5 hp pistons with 3.45 over ratio groove	\$0.00	\$0.00	2	EC1
3	BS35-VAL	Part		\$0.00	\$0.00	3	EC1
3	BS35BLK	Part		\$0.00	\$0.00	4	EC1

**Work Cell**

Work Order Information | Notes | Task | QC Measurements | Task Completed

Metric Description	Metric Value	Lower Value	Upper Value
Did the engine start up?	<input checked="" type="checkbox"/>		
Spark Plug Gap	0.0036	0.0034	0.0045
How many pulls to start unit			
RPM at full throttle	2150	2000	2600

Start Stop Complete Complete All Transfer Exit



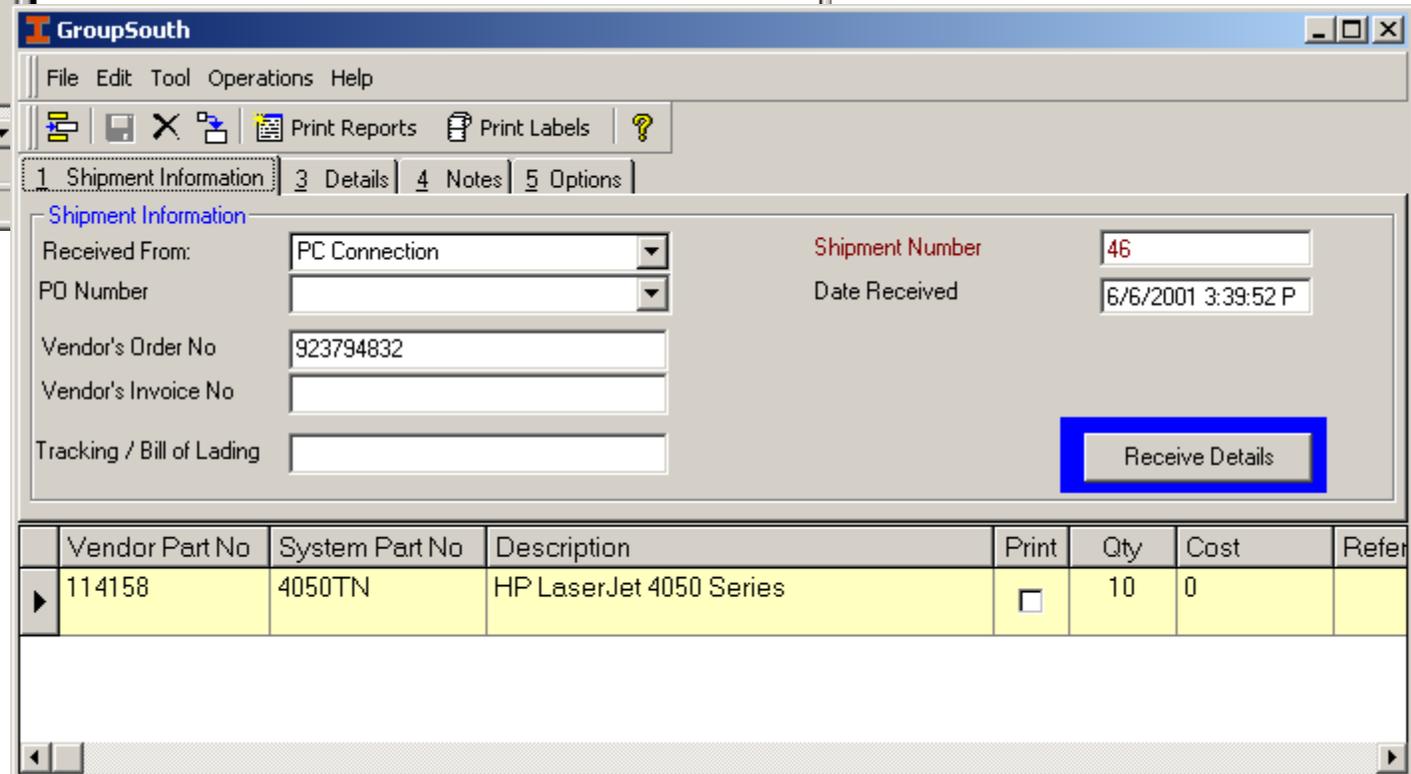
## Receive Shipments

View By:

- Vendor
- Purchase Order
- Date Received
- Shipping Company

## Receive Shipments

- Print shipment reports
- Print item labels
- Receive vendor part number against your part number
- Receive serial and lot numbers during receiving process



**Inventory Details**

File Edit Tool Help

Part Number:  Type:  Date Entered:  Most Recent Recvd:  Last Price Change:

Description:  Manufacturer:  Model Number:

Cost:  Alternate Price:  Part Classification:  Group:

Price:  Unit:  MSRP:  Shipping Weight:   Special Tax Applies to Group

Quantity | Additional Information

Location:  Stock in this location:  Controlled Access in this location:

Units in this location

Bin Number	Qty
73-001CRK	22
*	

## Inventory Detail

- Serialized inventory
- Custom price plans
- Part classification
- Grouping capability
- Parts history usage
- Kit inclusion
- Vendor part reference cataloging

## Vendor Part Cataloging

- Cross reference vendor numbers to your part numbers

**Vendor Part Number Catalog**

Part Information

Part Number:  Description:  Part Class:  Group:

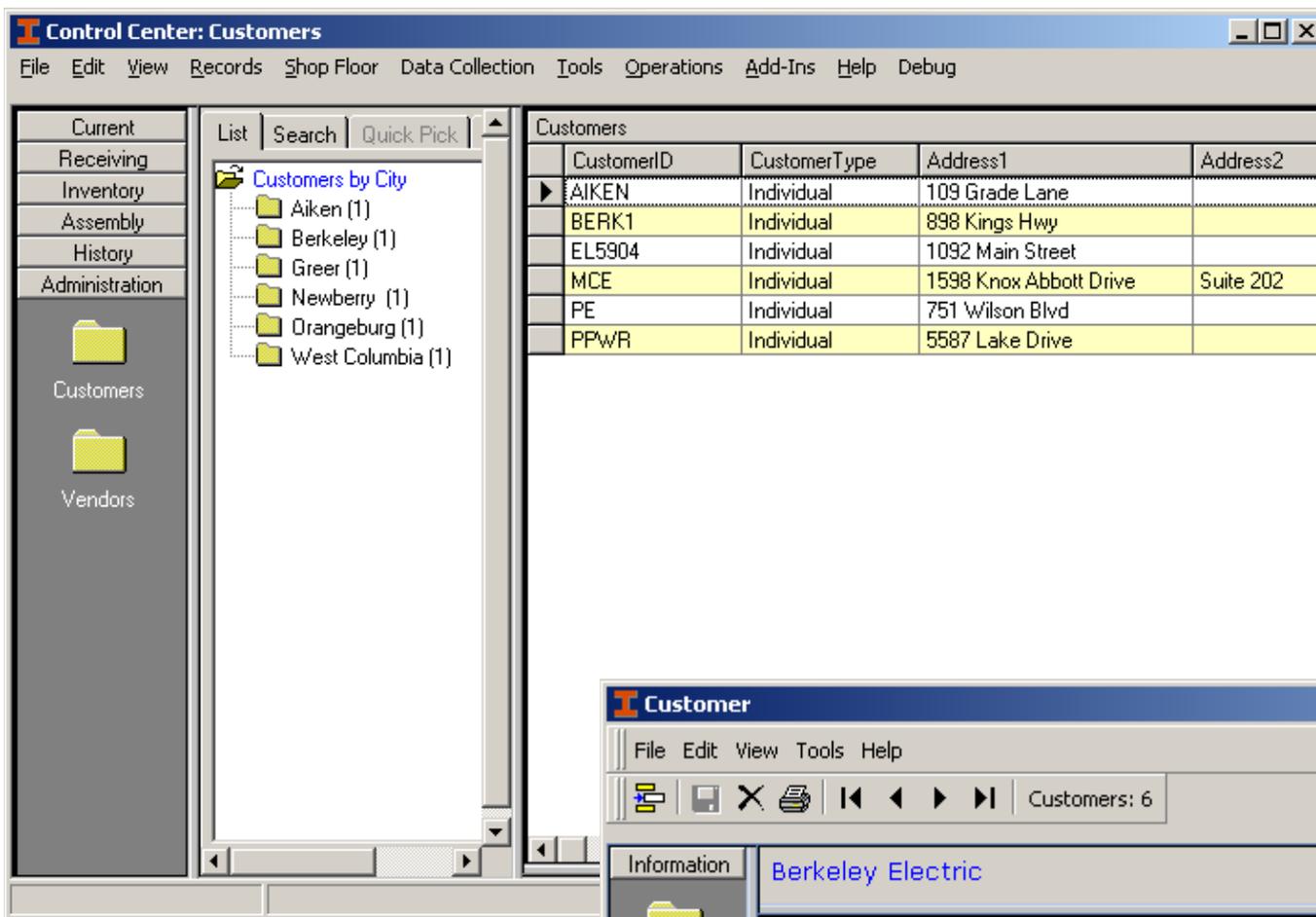
Vendor's Part Information

Vendor:  Part Number:  Description:

Vendor's Part No.	Description	Vendor
4014-35-01	3.5 hp crank with 3 over 5 ratio spin	Carolina Cranks

**Included in Kits...**

KitNumber	KitDesc	InventoryID	Qty
KTBS35V	3.5 hp air-cooled	BS35-CRNK	



## Add/Edit/Delete and Search for Customer Information

View Data By:

- City
- Postal code
- State
- Customer type
- Payment type
- Also set status, account type, salesman, and preferred shipping method

## Customer

- Navigate through each customer with access to the general information as well as billing
- Add multiple contacts and notes for each customer

**Customer**

File Edit View Tools Help

Customers: 6

Information

**Berkeley Electric**

Account No / Customer ID: BERK1 Since: 6/7/2001 9:12:00 AM

First Name: Middle Name: Status: Active

Company or Last Name: Type: Individual

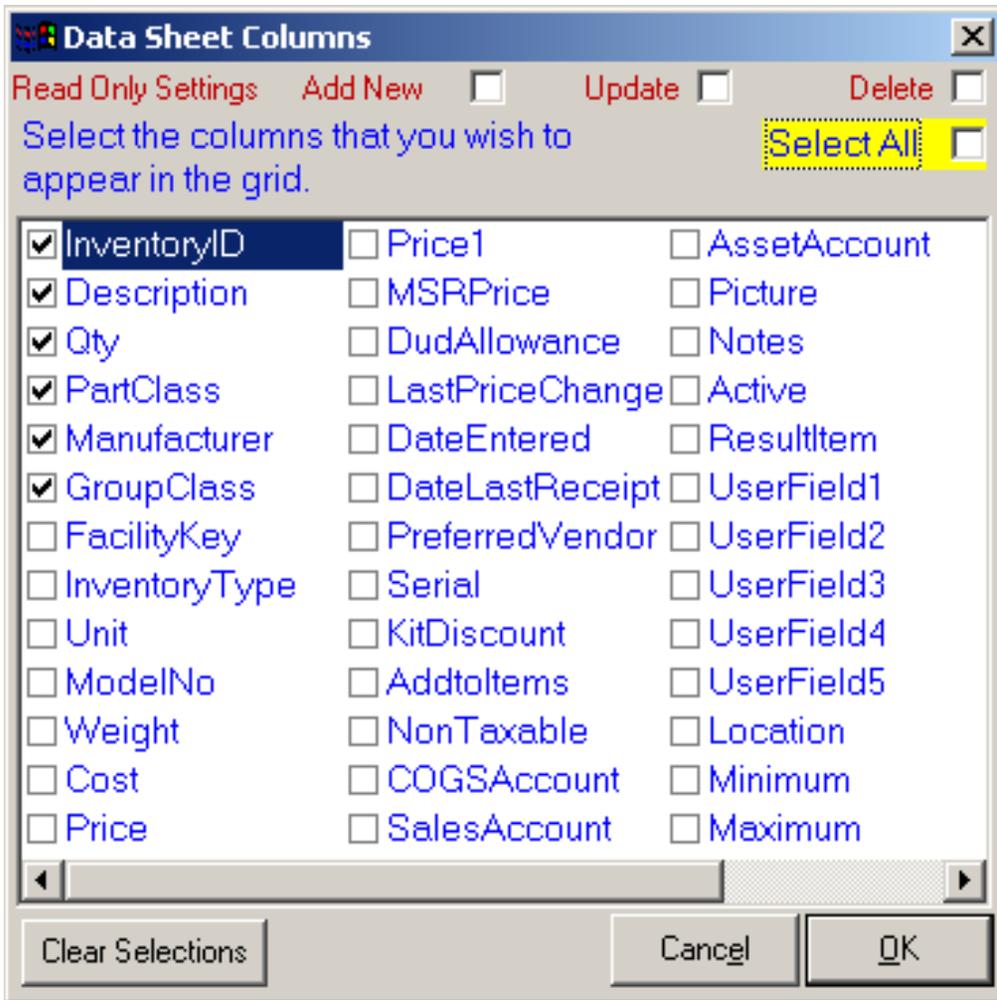
Berkeley Electric Salesman: Jack Kramer

Address: 898 Kings Hwy Ship via: UPS Ground 3 Day

City, State Zip: Berkeley SC 29475 E-Mail: berk@coop.com

Phone: 803-795-2147 Phone 2: Web Address:

Phone 3: Fax: Primary Contact Person:



## Grid Options

- Fully customizable columns display and settings
- Display only the columns of data that are important to you
- Keep display columns, size of columns and locations with your ID so they are always in the same location at every logon

## Find Data



Please contact Datacom Systems, Inc. for more information, pricing, or to schedule a demo.

Si Amick

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