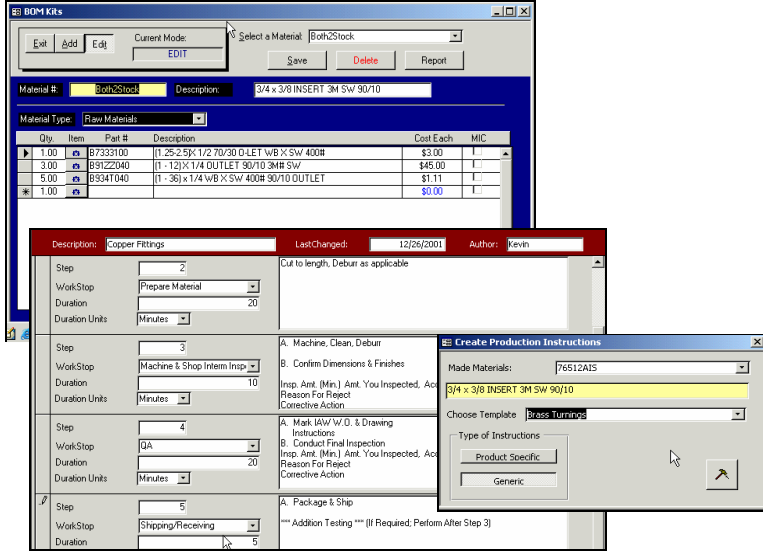




Designed to identify production requirements, provide shop floor routing documents, production instructions/signoffs, control and scheduling for light manufacturing/ job shop environments.



### BOM/Production Control Sheets

- Create/edit multi-level Bill Of Materials (BOM)
- Create Production Instructions from user defined "workstop" tasks.
- Assign Generic or Product Specific Production Instruction to fabricated ("Make") materials

### Work Schedule

- At a glance, determine where each material is in the production process
- Sort WorkSked by Customer, Part Number, or by Type
- Prints WorkSked report according to the sort order
- Missing materials from exploded BOM show up as color-coded new requirements
- Change and update inventory status and priority
- Drill down to source documents

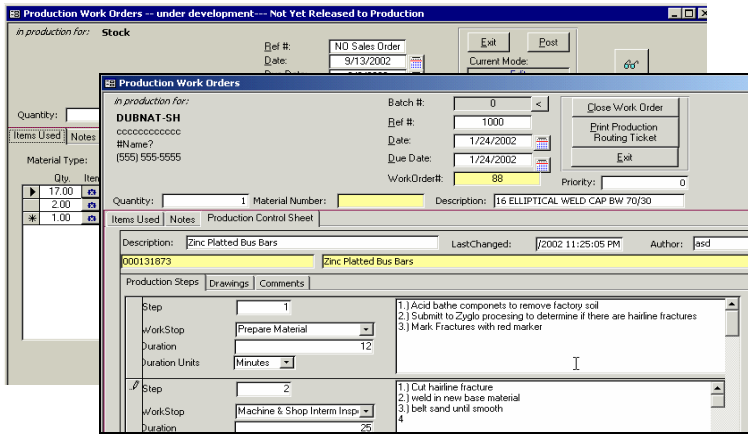
Request Date	Material Number	Material Description	Req Qty	Lot Qty	Pa/Value	Status
3/16/2003	ASFL2-023	1/2 O-RING MIL-R-83248 TY-1 CL-2 B	1			SR
3/16/2003	BCUP6100	1/2 IPS RETAINER RING	1934			SR
	AS568-023	1/2 O-RING FLUORCARBON 70D	1934			SR
	BCUP6100	1/2 IPS RETAINER RING	1134			SR
	AS568-023	1/2 O-RING FLUORCARBON 70D	1134			SR
	ASFL2-023	1/2 O-RING MIL-R-83248 TY-1 CL-2 B	8			SR
11/22/2002	B939N050	(3-1/2 x 3/8) x 3/8 OUTLET 90/10 400	8	0	0	SR
3/3/2003	SB106400	2 SR ST-90 90/10 CL200 BELL END	1	0	0	SR
3/16/2003	BA111448	2-1/2 X 1-1/2 LR90 SCH10 BW 304L	4	0	0	SR
3/16/2003	BA111598	4 X 3 LR90 SCH10 BW 304L	4	0	0	SR
2/3/2003	BA111749	8 X 6 LR90 SCH10 BW 304L	2	0	0	SR

### Production

- Display categorized "Make" material requirements task list
- Routes requirements to Purchase Order Requirements and creates Production Work Orders.
- Double click on part number to display "Net" Inventory Status: listing all stock on hand, stock not Available to Promise (Non-ATP), items reserved, and those on Purchase Order but not yet received
- Click on "SRC" to drill down to requirement source document: either Sales Order or other Work Order
- Make to Order or assign to Stock Work Order

### Purchase

- Accumulated Materials to be purchased work list
- Color Coded: Red = Overdue; Yellow = Warning (within 10 days.); White = needed > 10 days; Blue= Selected



## Work Orders

- Editable Work Order(s) enables special instructions, additional or substitute parts, and modified processes.
- Make quantity driven by sales order and material profile lot quantity.
- Quantity reduction optionally re-routes balance as new production requirement for subsequent build or PO re-route.
- Prints Work Order shop floor routing ticket

## Production Schedule

- Triggers the movement of goods through inventory
- Contains the Posted Work Orders
- Tracks/posts the status of goods in production
- The Pulled status marks BOM inventory items RFP (Reserved For Production)
- Closing work order automatically updates reserved goods, augments inventory ATP (Available To Promise), and removes reserved goods previously pulled (Back Flush)

Material#	000131873	Desc:	16 ELLIPTICAL WELD CAP BW 70/30
City:	1	RequestDate:	12/2/2001
PO#:		Work Order #:	88
Cust#:	DUBNAT-SH	Customer:	DUBNAT-SH

Level	MaterialNumber	Quantity	Description	MIC
Raw Materials	B7333100	1	(1.25-2.5)X 1/2 70/30 O-LET WB X SW 400	0
	B91ZZ040	3	(1 - 12) X 1/4 OUTLET 90/10 3M# SW	0
	B934T040	5	(1 - 36) x 1/4 WB X SW 400# 90/10 OUTLE	0
Trade Goods	B7333100	2	(1.25-2.5)X 1/2 70/30 O-LET WB X SW 400	0
	B9235100	4	(1.25 x 3.5) x 1/2 O-LET 90/10 3M WBxFT	0

Steps	DATE COMPLETE	SIGNATURE
1. 1.) Acid bathe components to remove factory soil 2.) Submit to Zygo processing to determine if there are hairline fractures 3.) Mark Fractures with red marker		
2. 1.) Cut hairline fracture		

W/O #	Material Number	Description	Due Date	Scheduled Date	Work Order Status	Priority	Close Date	Pulled Date	Put In stock	Last Changed	W/O Date
130	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Partial Pulled	4		6/18/2002		6/18/2002	6/11/2002
131	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/11/2002	6/11/2002
132	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/11/2002	6/11/2002
133	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/11/2002	6/11/2002
134	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/11/2002	6/11/2002
137	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/7/2002	6/21/2002
138	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/7/2002	6/7/2002
135	11101108	1/2 SR90 3M SW 90/10	6/8/2002	6/8/2002	Order Acceptance	4				6/11/2002	6/11/2002
136	000133620	(2-1/2-36)X 1 1/2 O-LET 3000# SW 3	6/8/2002	6/8/2002	Order Acceptance	4				6/7/2002	6/7/2002

## Additional Reports:

- BOM (Bill of Materials) Report
- Missing BOM
- Production Routing Document – (Shop Floor Routing) Missing PCS (Production Control Sheet –

MaterialNumber	Description	Status	Quantity
000133621		In Production	0
000133621	(21/2-36) x 2 90/10 WB X SW OUTLET 3M	Non - ATP	0
000133630	(2-1/2 - 36) x 1-1/2 OUTLET 3M SW 70/30	On Hand - ATP	0
000133697	6 X 3 WELDOLET WB X BW CL-200 90/10	Committed:	373
000133778	1-1/2 70/30 BOSS PER CUSTOMER SPEC	On PO:	444
1001554M	4 FLUGED CASCADING ORFICE 100GPM	Net:	71
11101040	1/4 SR90 3M SW 90/10		
11101060	3/8 SR90 3M SW 90/10		
11101098	1/2 x 1/4 SR90 3M SW 90/10		
11101100	1/2 SR90 3M SW 90/10		
11101149	3/4 x 1/2 SR90 3M SW 90/10		

## Inventory Status

- Net On Hand:
  - Displays inventory status by date
  - Details the materials that make up each item
  - Lists items in inventory, those on order, those that are reserved those in production, on Purchase Order, Exploded BOM Requirements one level up
  - Drill down to source document

## Production Schedule Inventory Status

- Inventory status shows aggregation of inventory for the selected material

Category	PN	Material Number	Material Description	Quantity	
Atlantic	11101150	3/4 SR90 3M SW 90/10	F1101150	3/4 SR90 3M SW 90/10 FORGING	1

Date	Number	Order date	Due Date	QTY	Net	
11101150	On Hand	OH	3/13/2003	3/13/2003	18.00	18.00
					0.00	0.00

## Net On Hand

For more information contact Advantec at 336-275-2832, email us at [Advantec@advantecis.com](mailto:Advantec@advantecis.com) or visit our website [www.advantecis.com](http://www.advantecis.com)