

**ONTRACK**
ACE Manufacturing  
OnTrack Die Maintenance
DURA-SYS  
SYSTEMS INTEGRATION

Language: Alternate
[Lot Tracking](#)
[Inventory](#)
[Scheduling](#)
[Die Maintenance](#)
[Link To Menu A](#)
[Logoff mprimros](#)

**Die Maintenance**

[View Repairs](#)

[Repair Monitor](#)

[History Monitor](#)

[Hits Monitor \(Repair\)](#)

[Hits Monitor \(Preventive\)](#)

[Top Problems Chart](#)

[Enter Repairs](#)

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Completed Repairs		Completed - Waiting Reconfirm		Work In Process		Future Repairs		e=Estimate			
Die Repair Classification	Die Description	Die Problems	Order Engineer	Technicians	Priority	Needed By	(Repair) Comments	Repair Begin	Repair Complete	Reconfirm	
Other Shop	3M51-R01605-OP3	Burr	Mike	Jones, William	3	07/21/2009 16:00		07/21/2009 10:25e	07/21/2009 10:55e	No	<input type="button" value="Edit"/>
ECC	3M51-R27886/R27887-OP2	Necking	Mike	Jones, William	2	07/21/2009 16:00		07/21/2009 09:50	07/21/2009 10:20e	Yes	<input type="button" value="Edit"/>
ECC	BS1A-52111-OP4	Scratch	Mike	Jones, William	2	07/21/2009 16:00		07/21/2009 09:15	07/21/2009 09:45	Yes	<input type="button" value="Edit"/>
Other Shop	4N51-F11140-OP4	Die Organ	Mike	Smith, John	3	07/21/2009 14:00		07/21/2009 09:00	07/21/2009 09:30	07/21/2009 09:45	<input type="button" value="Edit"/>
ECC	5M51-F40626-OP1	Burr	Mike	Jones, William	2	07/21/2009 12:00		07/21/2009 08:40	07/21/2009 09:10	No	<input type="button" value="Edit"/>

**Die Maintenance Module**

When scheduling part production, Manufacturing personnel need to have access to equipment status. Personnel need to be able view equipment conditions and histories to efficiently plan production. Equipment maintenance personnel need an online record of maintenance tasks and a means of being alerted when planned maintenance tasks are approaching.

One of the foundations to capacity planning is the ability to know the current condition and planned maintenance of equipment on the plant floor.

The Die Maintenance Module is used for inventory control of dies (tooling).

A set of dies is associated with each part/job. When one or more dies of the set is unavailable due to repair, the die set, and therefore the job, cannot be run. Tracking which dies are out for repair enables scheduling to be aware of which jobs can or cannot be run.

Each die has a current status (waiting repair or available), repair history, washing history, and production history. The Current Status will include whether or not the die is available. If it is not, then also included will be the problem description, date and time entered into the system, estimated repair time, and the repair priority/urgency.

The *Repair history* also includes a problem and resolution description, date and time entered into the system, and the date and time the repair was completed.

The *Washing History* includes the date and time performed.

The *Production History* includes summarized production data of cycles, cycle times, running time, and non-running time. There is one record for each shift and job run.

This information will then be used to generate Work Orders and provide reporting of:

- Daily report to T&D leader of work to be done.  
(List of dies to be repaired sorted by priority/urgency)
- Ability to show work done to a die so far.
- History of selected die include repairs, washing, and summarized production.

This module gives the status on which dies and how many dies are/were in the Tool Room, indicating the estimated and actual Repair times and what the Maintenance issue was.

This information will then be made available to the Scheduling Module to allow a scheduler to immediately know if and when parts can be produced using this Die.


**ONTRACK** ACE Manufacturing OnTrack Die Maintenance **DURA-SYS**

Language: Alternate Lot Tracking Inventory Scheduling Die Maintenance Link To Menu A Logout morisco

Generated @: 07/09/2009 10:06:11

**Die Repair Detail**

5M51-F27847-OP4  
 Since Prior Repair: 98715 / 7967:17  
 Die Repair Classification: ECC  
 Die Problems: N/A N/A N/A  
 Order Engineer Name: Jeff  
 Technician Names: N/A N/A  
 Priority: 3 (Lowest Priority)  
 Priority Comments:  
 Needed By: 07/14/2009 10 : 05  
 Repair Comments:  
 Estimated Repair Begin: 07/09/2009 10 : 10  
 Estimated Repair Complete: 07/09/2009 10 : 15  
 Actual Repair Begin:  
 Actual Repair Complete:  
 Need Reconfirm: No  
 Actual Reconfirm:  
 Part Picture Filename: IMG\_JobProfile\_140.jpg



Buttons: Commit Delete

Navigation: Die Maintenance, History, Monitor, Hits Monitor, (Repair), Hits Monitor, (Preventive), Top Problems, Chart, Enter Repairs, Repair Select, Configuration, Administration, Repair, Classifications, Preventive, Maintenance, Die Problems, Order, Engineers, Technicians

Entering the Die Repair details along with part picture

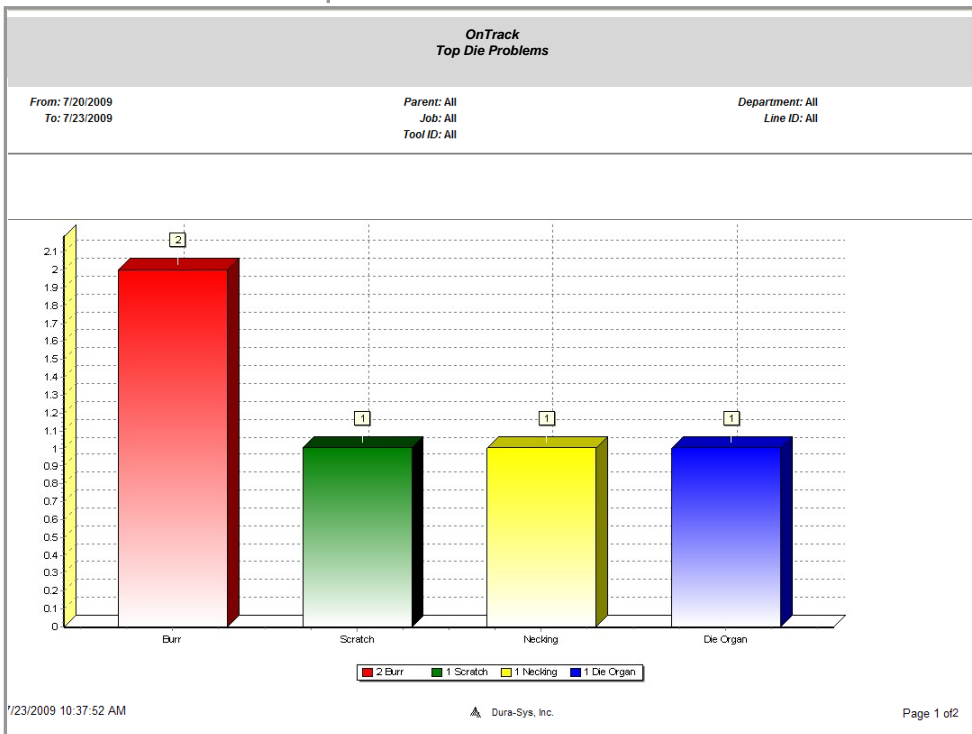
Includes a comprehensive set of Reports and Charts

Current Repair Status Report

**OnTrack Current Repair Status**

As Of: 7/21/2009 11:58:11 AM

Die Repair Classification	Tool ID	Die Problem	Order Engineer	Technician	Priority	Target Completion	Repair Comments	Repair Begin	Repair Complete	Reconfirm
Other Shop	3M51-R01605-OP3	Burr	Mike	Jones, William	3	07/21/2009 16:00		07/21/2009 10:25e	07/21/2009 10:55e	No
ECC	3M51-R27886/R27887-OP2	Necking	Mike	Jones, William	2	07/21/2009 16:00		07/21/2009 09:50	07/21/2009 10:20e	Yes
ECC	BS1A-52111-OP4	Scratch	Mike	Jones, William	2	07/21/2009 16:00		07/21/2009 09:15	07/21/2009 09:45	Yes
Other Shop	4N51-F11140-OP4	Die Organ	Mike	Smith, John	3	07/21/2009 14:00		07/21/2009 09:00	07/21/2009 09:30	07/21/2009 09:45
ECC	5M51-F40626-OP1	Burr	Mike	Jones, William	2	07/21/2009 12:00		07/21/2009 08:40	07/21/2009 09:10	No



Top Problems Chart

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