

: smirt diebuild

a step-by-step die construction process plan

SMIRT DieBuild provides a company the tools to define its best in practice construction steps right in the SMIRT Die Design. These steps or operations are easily accessible from within all of the SMIRT products.

Integration

All operations are completely integrated with SMIRT DieShop and SMIRT DieNC and provide the shop floor with a graphical outline of the complete die build process. SMIRT DieBuild turns the die assembly into a productionized process. This allows all personnel to build the die following a tested and proven road map the customer has developed. Any variations in the build process are quickly identified and brought to everyone's attention. Once the build is complete, the information is readily available for a thorough review providing valuable data to improve the process for subsequent builds.

Communication

A new design is reviewed by the engineering department and then processed through SMIRT DieBuild. A graphical flow chart of the build process is generated and released to the rest of the departments. The entire process for each die is controlled and communicated to everyone involved and ensures consistent techniques are used throughout the facility.

Management tools

SMIRT DieBuild has task completion check off ability for each operation by the shop floor personnel. This information updates real time percent complete stored on the server. A reporting tool is provided so managers can see the current status of all work flow throughout the shop.

Operation manager

Using the SMIRT DieBuild operation manager, the operator on the "Shop Floor" can visualize the progression of the casting from receiving the rough casting through to the finish machining and die assembly. Machinists simply load SMIRT DieBuild operations and immediately proceed to their assigned machining tasks or die makers can proceed to their assembly tasks. This prevents costly machining errors by clearly controlling the sequence of machining operations. Once completed, the graphical flow chart is updated and the current status of the die build is available to everyone involved.

multiple import options

simple, intuitive user interface

super fast graphics

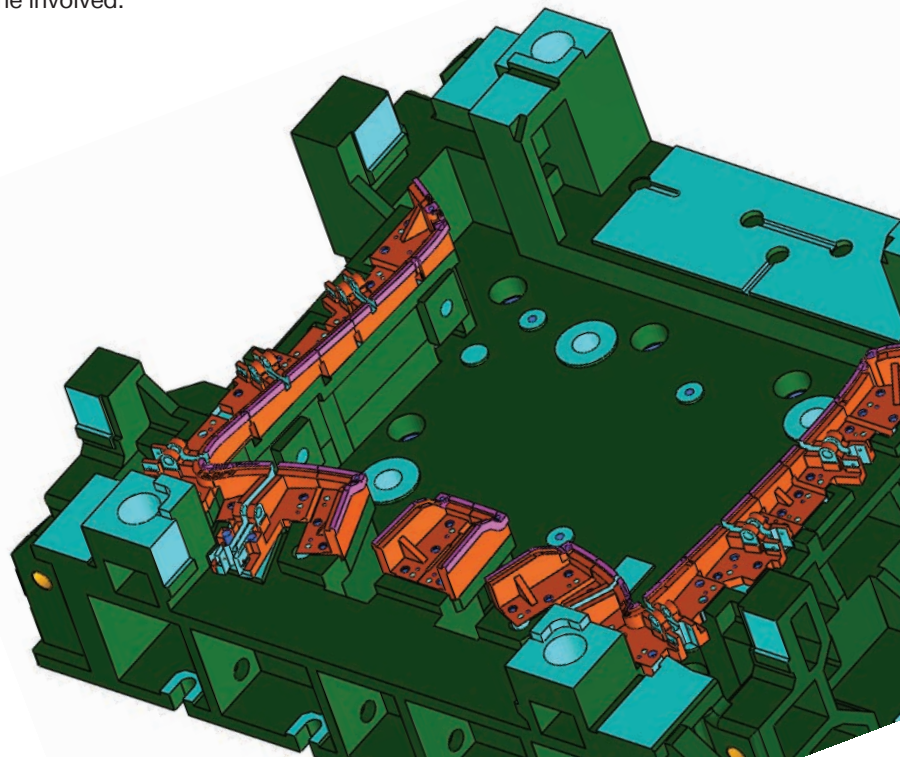
interactive annotation, notes communication

large assembly management

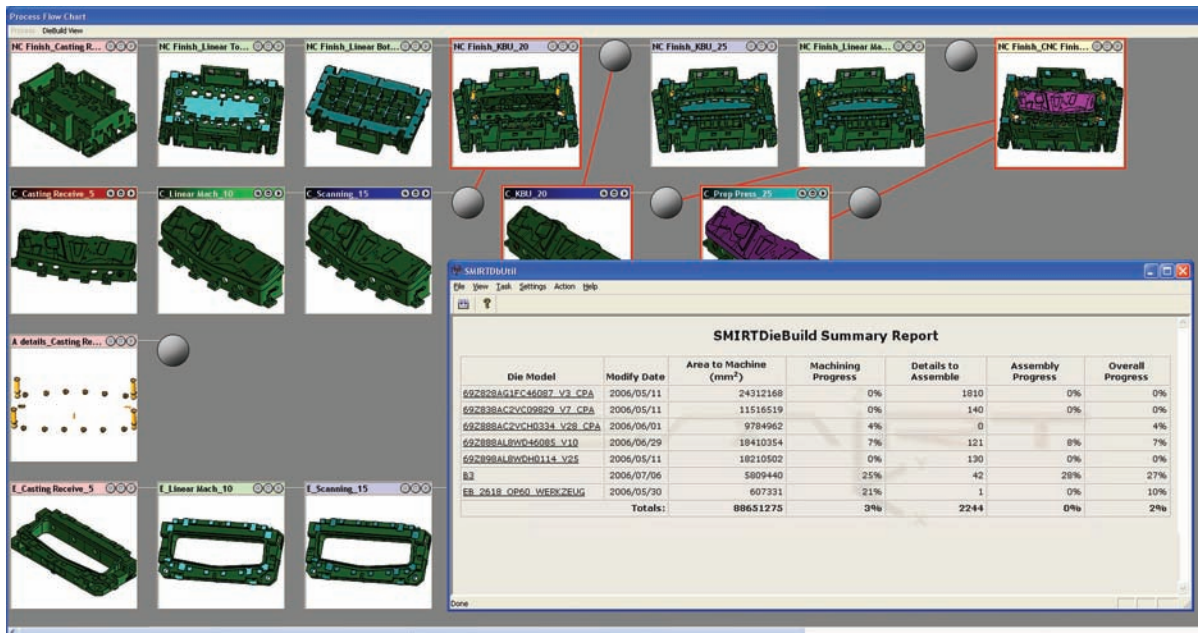
project management & information sharing

link to other software

no more supplier guessing



SMIRT DieBuild has task completion check off ability for each operation by the shop floor personnel.



Operations and processes

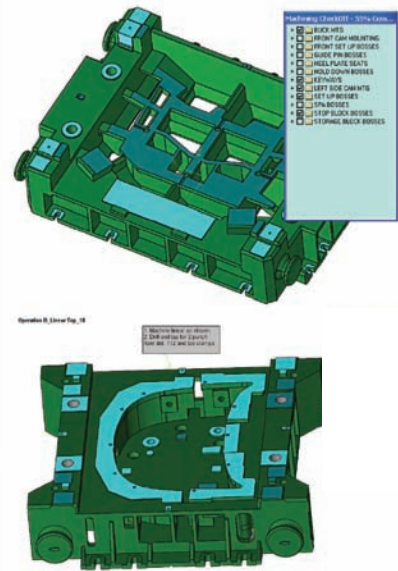
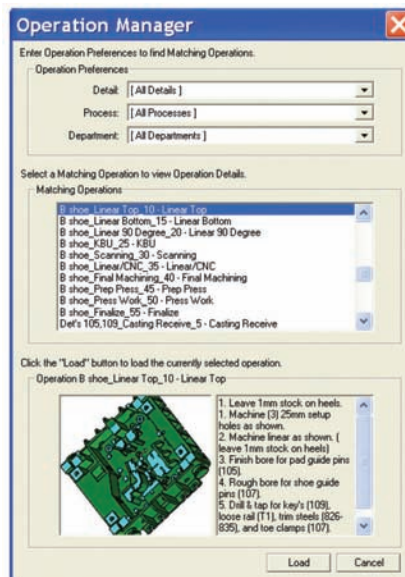
The process flow chart provides a visual representation of the relationship between die build operations and processes. Each operation is displayed as a separate window. When connected to other operations it forms a process. Connectors between operations indicate that visible solids and machining are moving from one operation to the next.

Link to other software

SMIRTware can provide a customized interface to other management software products such as scheduling.

Engineering changes

Within the SMIRT file sent to your supplier, all the DieBuild data is readily accessible using SMIRT DieBuildView. Your supplier will be able to follow the detailed die build process that you defined. This will eliminate costly miscommunication and second guessing of how the die should be built or component machined.



The SMIRT way to get the job done

Original Concepts Design, Inc.

1200 S. Church St.

Suite 9

Mount Laurel, NJ 08054

USA

Authorized Distributor of Vero software

tel. 856 787.1911

fax. 856 380.0888

email. info@vero-var.com

web. www.vero-var.com



SMIRTware Inc. is a division of Vero Software Plc