



CATIA PLM Express

CATIA - Advanced Multi-Axis & Pocket Machining

De facto standard for complex aerospace part machining with state of the art milling technologies

Overview

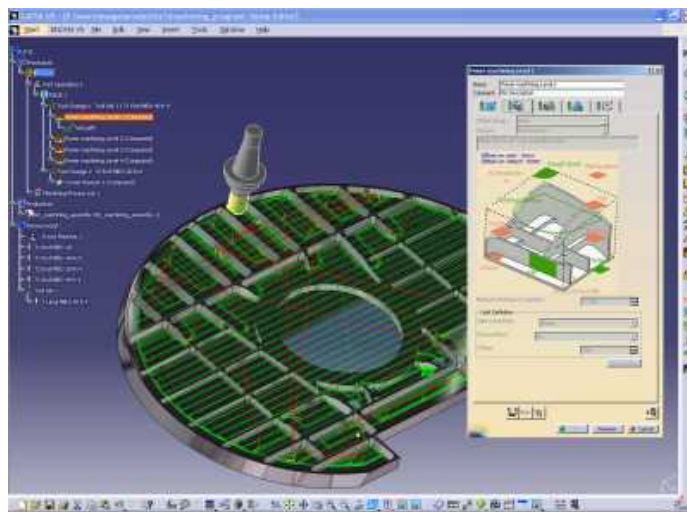
The CATIA - Advanced Multi-axis and Pocket Machining option is the all in one reference milling option that enables machining of the most complex parts, using 2.5-axis to 5-axis and advanced aerospace multi-axis processes. NC programmers benefit from full associativity with CATIA design parts and powerful machining automation capabilities to drastically reduce NC programming and machining time.

Benefits

- All-in-one milling option
- Best in class surface machining quality, faster machining time and ensured collision free tool paths
- Drastic reduction of machining operations and NC programming time savings
- Especially for multi-pocket parts (programming is up to 8 times faster with 75% fewer operations)
- Through-machining process automation
- Ultra-large NC program management and ultra-fast computation thanks to 64-bit support
- Seamless design-to-manufacturing process with manufacturing features recognition and full associativity in the event design changes are made

Capabilities

- State of the art machining techniques support: HSM capability, strategies for hard materials:
 - 5-axis flank contouring
 - 5-axis helix machining for turbo-machinery parts
 - Global and automatic machining strategy for multi-cavity parts
- Powerful automation capabilities for efficient NC programming:
 - Capitalization of already defined processes thanks to machining process templates
 - Automatic sequencing, user defined Features...
- Accurate verification of the tool path including simulation of material removal and analysis of remaining material in photo mode



Visit us at www.3ds.com/my-catia-plm-express

Dassault Systèmes (Head Office)

9, quai Marcel Dassault - BP 310
92156 Suresnes Cedex - FRANCE
Tel: 33 (0)1 40 99 40 99

Dassault Systèmes of America

6320 Canoga Avenue
Trillium East Tower
Woodland Hills,
CA 91367-2526 - USA
Tel : 1 818 999 2500

Dassault Systèmes

Pier City Shibaura Bldg 10F
3-18-1 Kaigan, Minato-Ku
Tokyo 108-0022 - JAPAN
Tel : 81 3 5442 4011

About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 90,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing and ENOVIA for global collaborative lifecycle management, including ENOVIA VPLM, ENOVIA MatrixOne and ENOVIA SmarTeam. Dassault Systèmes is listed on the Nasdaq (DASTY) and Euronext Paris (#13065, DSY.PA) stock exchanges. For more information, visit <http://www.3ds.com>

CATIA, DELMIA, ENOVIA, SIMULIA and SolidWorks are registered trademarks of Dassault Systèmes or its subsidiaries in the US and/or other countries. Copyright Dassault Systèmes 2002, 2006. All rights reserved. IGRIP®, QUEST®, IGRIP®, ULTRAARC®, ULTRAPAINTE®, ULTRASPOOT®, VIRTUAL NC® are registered in the US Patent and Trade Mark Office by DELMIA Corp. INSPECTTM is owned by DELMIA Corp.

TECMES

MAIS INFORMAÇÕES:

Para obter mais informações sobre produtos e soluções PLM, acesse: www.tecmes.com.br
Avenida Jabaquara, 2940 – 2 ° andar
Planalto Paulista - São Paulo – SP - CEP 04046-500
Telefones +55 11 2197-1000 / Fax: +55 11 2197-1007