



RIVETING AND MULTI-LAYER-DRILLING

CATIA/DELMIA V5 Offline Programming: FASTTIP provides enhanced functionality to plan, program and validate new part programs for riveting and multi-layer-drill as well as a powerful Upload Module to reverse engineer existing part programs.

► PRODUCT FEATURES

- Support for gantry-style NC machine as well as for industrial robot cells
- Highest degree of automation as well as outstanding part program and process quality
- Standalone offline programming seat or integrated into V5 PPR-Hub
- Dedicated riveting operation to be tailored for specific user interaction needs: definition of process parameters, selection of geometry, definition of approach and retract motions, process related events
- Automatic stack analysis for multi-layer-drilling
- Powerful multi-select geometry selection: rubber band, polygon trap, standard V5 queries
- Integrated machine tool or robot cell simulation
- Upload capabilities: existing programs can be used through reverse engineering
- Huge variety of available machine models

► BENEFIT

- Closed process through direct access to native V5 data
- Fast and safe offline programming
- Dedicated customization to existing processes
- Automatic detection of drilling or riveting vectors through underlying surface
- Easy to use as integrated V5 integration

► CUSTOMER LIST, EXTRACT

- AIRBUS
- BRÖTJE

fast[®]TIP
ROBOTICS



CENIT LOCATIONS: ADRESSES & CONTACT

GERMANY

CENIT Stuttgart

Industriestraße 52-54
D-70565 Stuttgart
Tel.: +49 711 7825-30
Fax: +49 711 7825-4000
E-Mail: info@cenit.de
Web: www.cenit.de

CENIT Berlin

Eichenstraße 3b
D-12435 Berlin
Tel.: +49 30 884580-0
Fax: +49 30 884580-99

CENIT Düsseldorf

Max-Planck-Str. 17
D-40699 Erkrath (Unterfeldhaus)
Tel.: +49 211 530652-0
Fax: +49 211 530652-99

CENIT Frankfurt

Lyoner Straße 20
D-60528 Frankfurt
Tel.: +49 69 668018-0
Fax: +49 69 668018-8

CENIT Hamburg

Heidenkampsweg 51
D-20097 Hamburg
Tel.: +49 40 2533466-0
Fax: +49 40 2533466-88

CENIT Hannover

Großer Kolonnenweg 21
D-30163 Hannover
Tel.: +49 511 54275-0
Fax: +49 511 54275-88

CENIT München

Paul-Gerhardt-Allee 50a
D-81245 München
Tel.: +49 89 829209-0
Fax: +49 89 829209-99

CENIT Oelsnitz

Kurt-Mauersbergerstr. 9
D-09376 Oelsnitz
Tel.: +49 37298 3039-0
Fax: +49 37298 3039-30

CENIT Saarbrücken

Innovationsring 9
IT Park Saarland G1
D-66115 Saarbrücken
Tel.: +49 681 76190-0
Fax: +49 681 76190-99

SWITZERLAND

CENIT (Schweiz) AG

Hungerbühlstrasse 22
CH-8500 Frauenfeld
Tel.: +41 52 7247777
Fax: +41 52 7247778
E-Mail: info@cenit-ag.ch
Web: www.cenit.de

ROMANIA

S.C. CENIT S.R.L.

Str. Calea Chisinaului
Nr. 104-106 bis, Iasi
Tel.: +40 332 430574
Fax: +40 332 430572
Web: www.cenit.ro

USA

CENIT North America Inc.

691 N Squirrel Rd, Suite 275
Auburn Hills, MI 48326
USA
Tel.: +1 248 276-8540
E-Mail: info@cenit.us
Web: www.cenit.us

FRANCE

CENIT France

15 Chemin de la Crabe
FR-31300 Toulouse
Tel.: +33 567310220
Fax: +33 561158805
Web: www.cenit.fr

