

## Technical Seminar on Roll Forming on 16<sup>th</sup> (Ahmedabad) and 17<sup>th</sup> (Kolkata) January 2012

Dear Sir or Madam,

Due to the great success and response of our recent Roadshow in India in November 2011 we repeat this event in January 2012 at two new locations. We cordially invite you in India to a technical seminar on the hotly anticipated new software for Roll Forming "COPRA® RF 2011". The location will be in the two cities Ahmedabad (on 16th January 2012) and Kolkata (on 17th January 2012).

There you have the possibility to find out in full about current Roll Forming Technology and our software solutions for Roll Forming. Albert Sedlmaier, Managing Director of data M Sheet Metal Solutions, Germany and our Indian team, will be guiding the seminar. data M group is the developer of the world leading Roll Form engineering software COPRA® and also a known partner for providing engineering and R&D services in this specific industrial area.

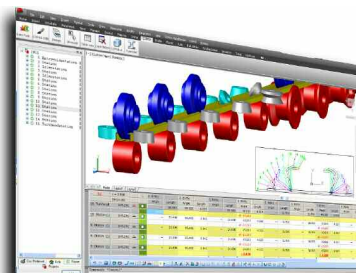
### Why is Roll Forming becoming so important now?

Roll Forming of sheet metal products - whether simple or complex profiles, tubes or pipes - has been gaining importance in the past years throughout the world. Roll Formed Sections are being produced from almost all kind of metals - mild steel to high tensile material as well as non ferrous metals like aluminium - and are being used in a large number of industries like furniture, transport, oil and gas, appliances, construction and last but not least automotive.

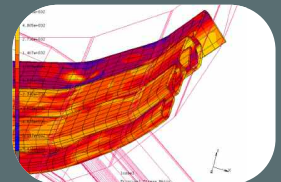
### The seminar deals with useful information about the benefit and application of Roll Formed sections. Among others you will hear about:

- Design and optimization of Roll Forming process using COPRA® RF and verification of the roll process using COPRA® FEA RF.
- Presentation on the most actual version COPRA® RF with its productive and effective new features (integration of 3D roll tool design and 'conventional' design methods;
- fully parametric design of flower pattern; development of corrugated profiles; starting and interpreting of FE simulation without being a software expert; and many others).
- Presentation on COPRA® FEA RF, the only high-end non linear simulation software for Roll - developed and supported by data M SMS (Germany) and data M Software India.
- Brief introduction on Roll Scanner: Importance of scanning roll tool, quality control for effective roll tool maintenance and effective management of roll tooling. Pre-operations in roll (levelling and pre-punching) and its behaviour in the roll line (simulation of distortion effects; work hardening etc.).
- Post-operations in Roll Forming and its simulation like in-line bending, stretch bending, curving, welding, local heating.
- Case studies of industrial projects from various industries.
- Application of high strength steels.
- Actual status of research in Roll Forming like 3D Roll Forming (CNC Roll Forming), its possibilities and limitations.
- And - you'll get contact with important decisions makers in your industrial area.

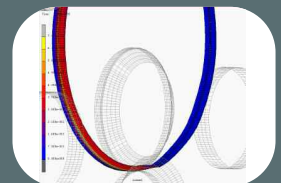
Of course we will also turn towards your specific requests and questions to be discussed in detail. So the seminars will be provided with an individual note.



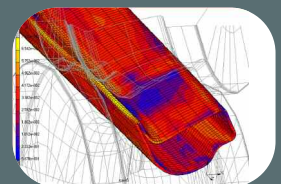
Pre- & post punching



Spiraled & lock seamed tube / profile



Ring rolling



Shaped tubes

Roadshow  
Technical Seminar

# Technical Seminar - Roll Forming the Future®

## in India

You will also see the top 30 interesting features of COPRA® RF 2011.  
Only ten of these are for example:

- Automatic 3D Model Creation of “Slotted” Components
  - Complete Parametric Flower Solution With Customisable Calibration Methods
  - Crimp and Claw Design Tools (No more concerns of “squashing” those raisings)
  - Deformation Technology For Initial Flower Optimisation and Quotation (Helping improve material flow and the quoted number of stations)
  - Automatic Axes Creation (No more drawing it manually)
  - “Free Design” in AutoCAD with “Polyline” but feel the benefits of the COPRA® DB
  - Roll “Attribute” definition of Material, Bores, Stamp Grooves, Bearings and Parts (No more drawing it manually)
  - Fully Automatic Individual Roll Drawing Creation (No need to detail drawings!)
  - Fully flexible Interface for Automatic Bill Of Material Creation (No more writing purchase orders)
  - “Archive” Functionality giving “Design Status” and “Design Collaboration” possibilities
- ... the other 20 features we'll show you at the seminar!

### Who should participate?

Decision Makers, Directors, Managers, Technical Managers, Engineers and of course everyone being interested in this challenging growing industry.

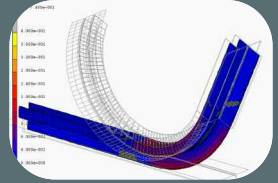
### When and where will the seminars take place?

The seminars will be hold in two cities in India.  
Here are the exact dates and locations:

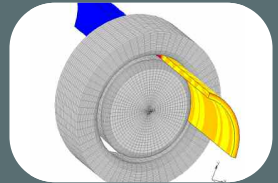
Seminar date	Place	Venue
Monday, 16 <sup>th</sup> January 2012	Ahmedabad	The Gateway Hotel, Ummed Ahmedabad International Airport Circle, Hanso Ahmedabad - 382 475 Tel: +91-79 6666 1234
Tuesday, 17 <sup>th</sup> January 2012	Kolkata	Swissôtel Kolkata, City Centre New Town Action Area 2D Plot No. 11/5 New Town, Rajarhat Kolkata - 700157 Tel : +91-33 6626 6666

Seminar time: 10:00 a.m. to 5:30 p.m.

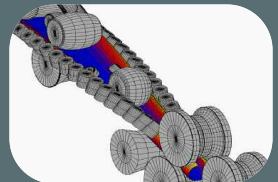
For more information please visit our website at: <http://www.datam.de/en/home/>



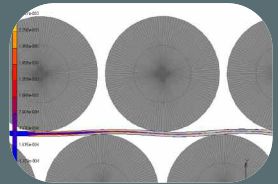
Stretch bending



Tube drawing



Tube making



Sheet metal levelling

**Roadshow**  
Technical Seminar

# Technical Seminar - Roll Forming the Future® in India

## How can I register?

There are three options to perform a registration successfully:

1. Web - register at:  
<http://www.datam.de/en/home/> or  
**click here!**
2. e-mail at: **india@data-m.com** or
3. Phone: **+91 80 2669 1303 /**  
**+91 80 6450 6582**

Please note that the **deadline for registration** ends on

**9<sup>th</sup> January 2012!**

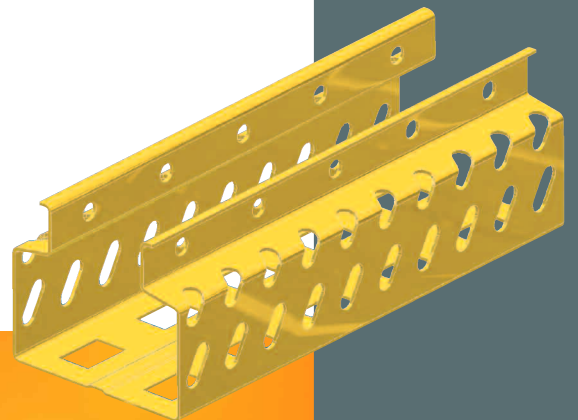
The **participation fee is Rs. 1500** + service taxes per participant and includes seminar hand-outs and lunch.

Take the chance to see the **great possibilities in Roll Forming** and discuss future trends with you industrial colleagues. In an economic situation like the present one it's especially important to take an initiative and win market shares and also create new markets with innovative methods and processes. data M is your active partner to support you in shaping the future.

We look forward to receiving your registration and hope to see you at the seminar!

Best regards

Your data M Team



**Roadshow**  
Technical Seminar