

Revit and RebarCAD 3D: The BIM Solution for Rebar Modelling to Production Drawing

John Kochummen

Product Manager

CADS Software India Pvt. Ltd

Jason Colcombe

RebarCAD 3D Specialist

CADS Ltd



About the speakers



JOHN KUNNIL KOCHUMMEN

Product Manager – RebarCAD 3D

John received his diploma in Civil Engineering from BTE, Kerala and the diploma in Concrete Technology and Design of Concrete Structures from Annamalai University. He then graduated with an AMIE(India) in Civil Engineering from the Institution of Engineers (India).

He then worked on a few infrastructure projects in India. Later he moved to Saudi Arabia and worked on industrial projects with the Saudi ARAMCO and the SABIC group of companies.

With his passion for software development, he re-equipped his skill-set with a certification in CAD and Graphics Programming from the IEEL-CAD Centre.

He has been working with CADS for the past 16 years in the development of various software solutions for Civil and Structural Engineering problems. He is also a certified professional in various Microsoft technologies, a Certified PMP and a Certified Scrum Master.

About the speakers



JASON COLCOMBE

Product Specialist – RebarCAD 3D

Jason Colcombe is presently the product specialist for CADS RC3D, he received his degree in Civil Engineering while working within the construction industry for several structural design consultants on various commercial and government projects. He then moved into specialising in Timber/Engineered Wood Products and became the Regional Engineer for Europe.

Jason has always had a very good grasp of software packages and moved into a more analysis/engineering/software environment when joining CSC (now Trimble/Tekla). With the evolution of BIM and linking analytical and physical 3D models Jason sidestepped into working directly for an Autodesk Reseller. During that period he earned multiple Autodesk Certified Professional Accreditations and remains an Authorised Autodesk Certified Instructor.

Who is CADS?

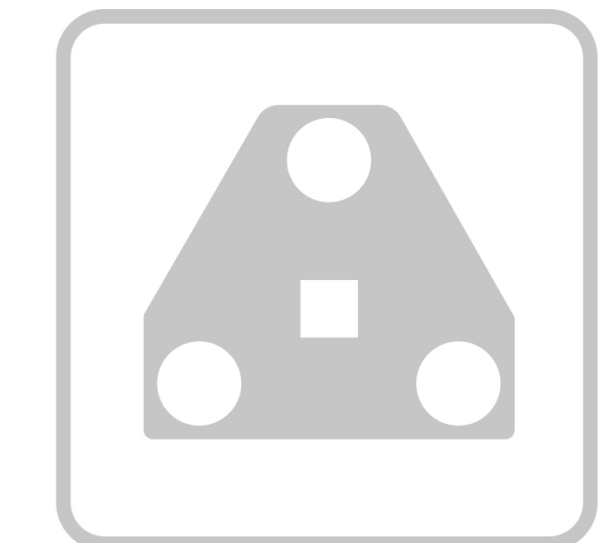
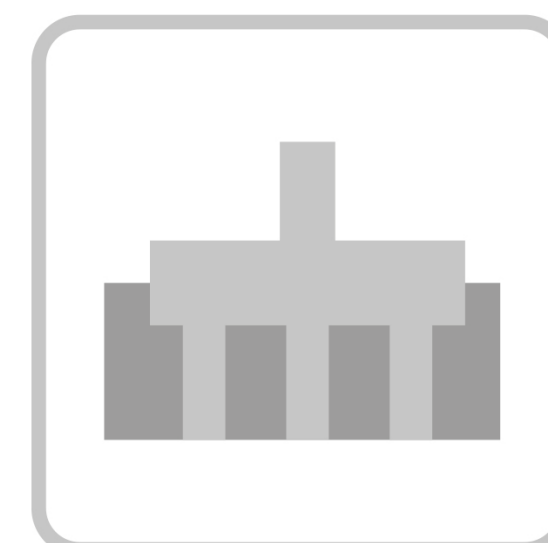
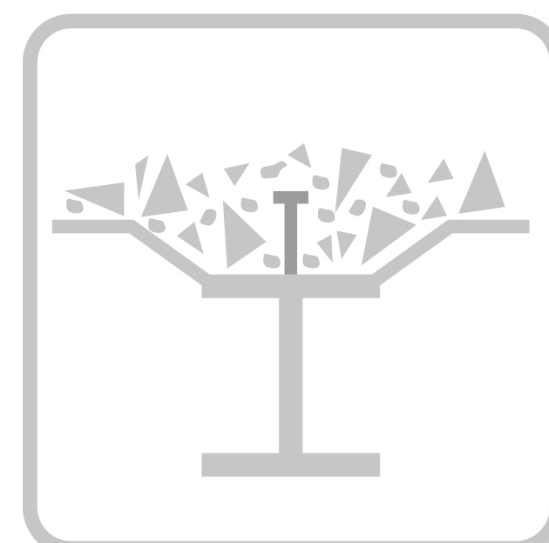
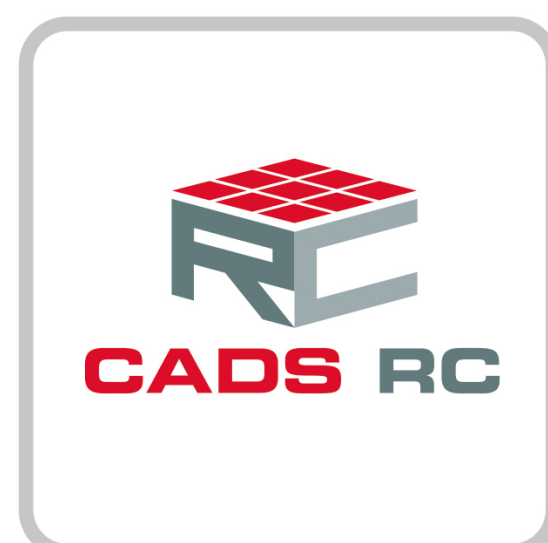


CADS is a leading international software company specialising in writing civil, geotechnical and structural engineering design, analysis and detailing software. Our applications are used worldwide by consulting engineers, civil engineering contractors, builders, national and local governments, structural steelwork and rebar fabricators. CADS employs more than 500 staff globally and has been in business for over 40 years.

Not only does CADS develop a range of software, we also use our engineering expertise to provide detailing and BIM services to consultants and contractors in the US, UK and UAE.

RebarCAD (also known as CADS RC) is CADS' market leading rebar detailing software. RebarCAD Runs in AutoCAD and can be used to detail any RC structure.

RebarCAD 3D for Revit builds on CADS' experience to enhance the placement, annotation and bar marking of reinforcing steel capabilities of Revit.



Learning Objectives



- BE ABLE TO MODEL THE DESIGN REINFORCEMENT, AND ENHANCE AND ELABORATE THE REBAR MODEL TO A PRACTICAL 3D REINFORCEMENT MODEL
- BE ABLE TO PRODUCE 2D FABRICATION DRAWINGS FROM A 3D MODEL
- BE ABLE TO CREATE BAR BENDING SCHEDULES
- BE ABLE TO PREPARE PRODUCTION OUTPUT FILES FOR AUTOMATED REBAR FABRICATION



RebarCAD
World Class Rebar Software

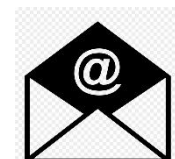




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+44 (0)1202 603031



sales@cad.s.co.uk



www.cads.co.uk



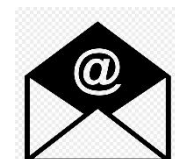
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Thank you



+44 (0)1202 603031



sales@cad.s.co.uk



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