

Top NEW features in ARES® Commander 2020

Modern DWG Editing Across All Your Devices

In the field of Computer-Aided Design (CAD), a close collaboration between users, both at the office and in the field, is a fundamental part of the business. Colleagues, partners, and customers must be able to share drawings, provide feedback, and iterate.

Graebert's innovative "Trinity" approach is to leverage mobile and cloud technologies to significantly improve your CAD workflows. The version 2020 makes a giant step in this direction: get your drawings done faster, enjoy new collaboration tools and work in good intelligence with the BIM users.

1



Drawing Compare

Compare two versions of a drawing to display the differences with colors

The new Drawing Compare palette allows you to compare the current drawing with another one.

E.g., Understand modifications made by a colleague, compare two options for the same project, show before and after, etc.



>> See the video on our website

2



Data Extraction

Extract information from entities or blocks to a table or a CSV file

The Data Extraction wizard enables you to quickly create a bill of materials or extract other types of information from your drawings. Select entities and filter only the data you want to extract. You can further insert it as a table in the drawing or generate a file that can be imported in a spreadsheet.



>> See the video on our website

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More about the new features on

www.graebert.com/in/cad-software/ares-commander/new-features/



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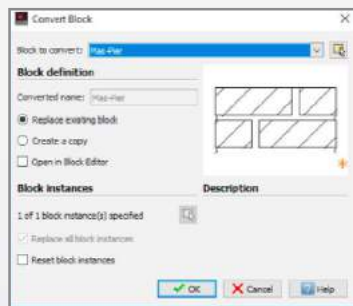
Top NEW features in ARES® Commander 2020

The ARES CAD Software offers you more than a cost-effective alternative to create or modify drawings in DWG. Discover below some of the latest and greatest innovations for ARES Commander.

Custom Blocks Improvements

Equivalent to the dynamic blocks in other CAD software, you can use the custom blocks to create smarter entities, which size and look will adapt parametrically with additional grips. You may also include a dropdown menu to switch between different types and options for the same block.

 >> See all the features for custom blocks in videos on our website



The Convert Block dialog helps to convert dynamic blocks into custom blocks

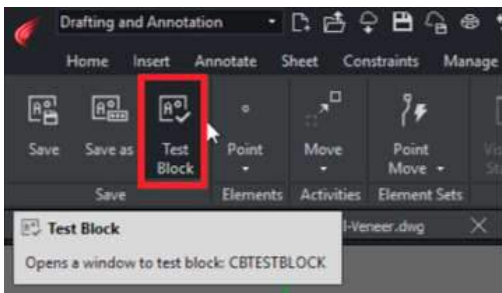
Convert dynamic blocks into custom blocks

You can use dynamic blocks created with AutoCAD as they are. They will keep their intelligence and parameters in ARES Commander. But now you may alternatively use the CBBLOCK command to convert them into custom blocks which definition can be further modified with ARES Commander.

Test mode in the Block Editor

The Block Editor includes now a "Test Block" feature (Command CBTESTBLOCK) to try your custom block definition without exiting the Block Editor.

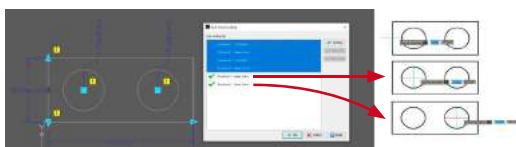
3



Use the Test mode to try your custom blocks before closing the Block Editor.

Distance multiplier and angle offset

Previously, you could already define a value as an increment to eventually limit how an entity would vary in size and avoid, for example, configurations that cannot exist or be produced. Now, the distance multiplier lets you alternatively specify a factor by which a distance value of the custom block is increased or decreased (for example, double the size after each increment). The angle offset works the same but with angles. You may, for example, define that entities could only rotate with angle increments of 60°.



Multiple base points for the same custom block

Define multiple base points

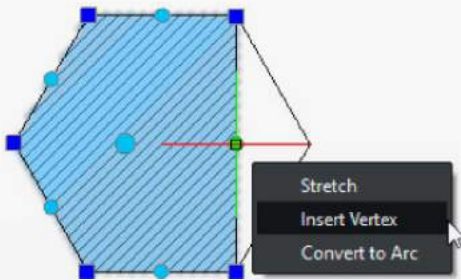
Traditional blocks have only one base point. Now custom blocks enable you to define more base points to choose from during insertion. By pressing the Ctrl key you could cycle between them which significantly helps to position and align the block without any further actions.



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4



Grip Editing of Hatches and Gradients

Manipulate the contour of your hatch or gradient hatch like if it was a Polyline

Select any hatch entity and you will see grips to help manipulate directly the shape. Hovering over a grip point displays also a contextual menu with editing options.

 >> See the video on our website


5



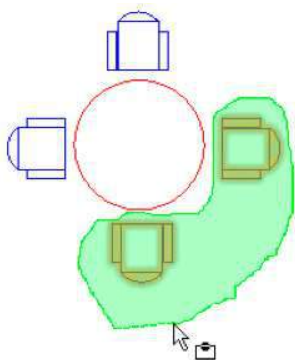
Associative Patterns

Array copies of the same entity along multiple lines and columns and modify the pattern as you wish

Patterns allow you to replicate an entity following a linear or circular organization or along a path. These patterns are now associative. You can now edit them using grips or by a double-click on the associative pattern.

 >> See the video on our website


6



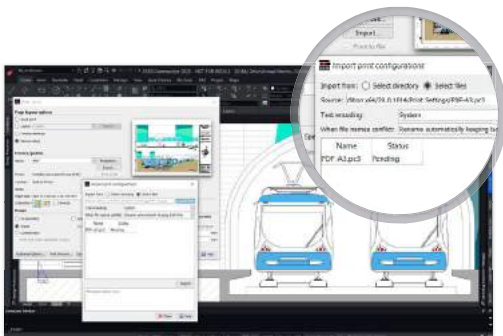
Lasso Selection

New selection method to save time!

Use the lasso selection method to specify entities within an irregularly formed contour specified by dragging the cursor.

 >> See the video on our website

7



PCX Print Configuration Files

Equivalent to the PC3 format in other CAD software

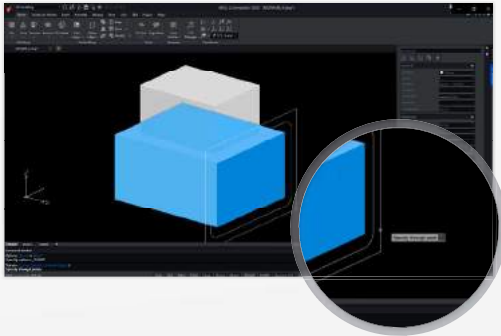
Import PC3 files or create and save new printer configuration files in PCX format. It makes it easy to reuse and share with colleagues the same configuration for successive printings.



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8



Work Faster in 3D

New OFFSETEDGES and CONVERTEDGES commands

These new commands help you to extract 2D entities from the edges of 3D solids or surfaces. This is in particular useful to extract construction entities you will use as a reference to create other 3D shapes combining with boolean operations or Push/Pull actions

 >> See the video on our website

9




Customize Your Workspaces

New CAD General workspace

The CAD General workspace offers an alternative ribbon to the default "Drafting & Annotation" workspace of ARES Commander. Icons are reorganized to facilitate the switch from AutoCAD or other similar CAD software.

Easily create and save your workspaces

Reorganize the user interface of ARES Commander as you wish and save your configuration as a new workspace.

 >> See the video on our website

10



Maps for ARES Commander

Free maps service for ARES Commander subscribers

Search for any address and get street maps and satellite images to insert in the background of your drawings. This professional map service is developed in collaboration with Esri, the world leader for GIS solutions. Maps are geo-referenced and offer different levels of details depending on the zoom factor. You can draw on top of these base maps or use the enquiry tools to collect the coordinates of a specific point, the area of a specific selection or the distance between two points. This plugin requires Internet service and is free with a valid ARES subscription.

 >> See the video on our website

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