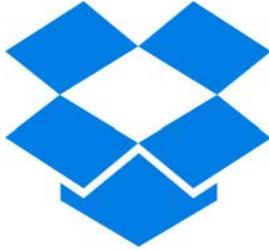


All programs in one Single-EXE-file

Want to get your update on download link ? Ask your dealer !



CHANGE UPDATE ON USB TO UPDATE
THRU DROPBOX
CONTACT YOUR RESELLER FOR
AVAILABILITY



PORTUGUESE LANGUAGE NOW
AVAILABLE IN TRW-CRW-FRW-CORW

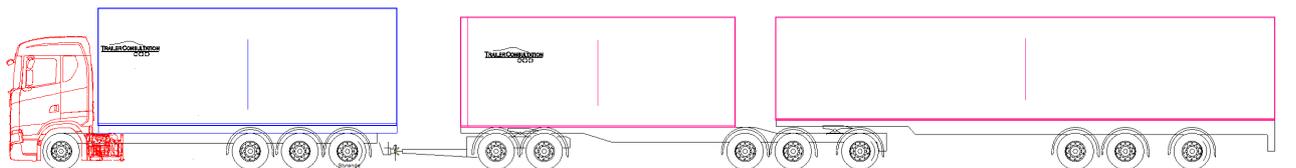
Find out what's new in this new TrailerWIN disc. New models, new program features and hints.



Newsletter 5/2024



HCT regulations for Sweden in TrailerWIN-CornerWIN





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Rockey4ND dongles

We are using Rockey4ND Dongles for one-computer versions. These new dongles do not require a separate installation disc - the installation will start automatically when the dongle is attached to the computer for the first time. Just attach the dongle and wait until the light stops blinking.



Sentinel dongles

Old type dongles (Sentinel) will still work on TrailerWIN and they don't need to be switched, both type of dongles are supported and can be used on the same computer. Please note that these Sentinel keys need a separate driver that can be downloaded from our homepage www.trailerwin.com under the button "Support-Drivers". Use this driver on both updating on old computers and installation on a new PC. Please note that sometimes the installation of a new driver requires you to restart the computer.



License & Use of software

You may use the TRAILER CONSULTATION Computer Software on one or more computers in one office or in one factory area. You may use the TRAILER CONSULTATION Computer Software on a computer network when the network is working only in one office or in one factory area. Usually the printout text shows the licensed owner and user of the software. **All other use, in other companies, addresses or locations is strictly forbidden !**

You are not allowed to make any changes or modifications to this or any of the TRAILER CONSULTATION Computer Softwares or databases. You may not decompile, disassemble, or otherwise reverse engineer the TRAILER CONSULTATION Computer Software. You may not rent or sell or lease or copy it to anyone. The TrailerWIN license is valid for 5 years from the release version of the program. If you have not previously updated the program (update service), your program will start to show a reminder about update when one year has passed from the program version, e.g., 2021-01 version will start to remind about update in 1.1.2022 no matter at what time the update has been installed.

Approximately 1 year before the license expires you will receive a message after opening TrailerWIN that the license will soon expire (see above). You can check the expiry date in the TrailerWIN help function. After this date, the program automatically switches to DEMO mode, and you must purchase a license reactivation to run it in full mode again. See EULA for more information.

Yearly update

The program is continuously updated with new features and new models. Therefore, the program should be updated regularly once a year. The updating policy is cumulative, which means that you will have to pay for skipped years if you have not ordered an update the previous year(s). The license will expire after 5 years (from program version), after that the program will switch to demo-mode. To get full functionality again it is necessary to buy a license reactivation.

Warranty

This software is easy to use and it is very reliable. If the user finds mistakes or errors, we appreciate if you inform us about them. The possible faults are repaired as soon as possible. The developer, dealer or agent of the software will not compensate possible faults on software, data or user's faults and the possible costs caused by them. The

developer, dealer or agent of the software will not compensate possible costs caused by diskettes or any other data media (mechanical faults, virus, etc.)

Important Notice for TrailerWIN Setup

If you see an error message during the first part of the installation that says “file operation with *.DLL file cannot be made” the problem is likely to be the level of user access (Administrator rights). (Please note the error message can differ depending on your operating environment.) *Installation of TrailerWIN to Win 7, Win 8 & Win 8.1 or Win 10 operating environments can occur only if you are logged on as Administrator.*

Hard Disk Space needed for TrailerWIN

There are many improvements in this version of TrailerWIN compared to previous versions of the program. New models of trucks and extra equipment have been added to the program. Consequently, the size of the TrailerWIN data files have grown and they will take up more space on the hard disk on your computer. It is recommended that you have at least 16 GB of free space on the hard disk before installing the TrailerWIN software.

All programs in a single exe-file

From 1.1.2023 all programs will be in same USB card in a single-exe installation package, this will reduce the time to update the program when all will be installed by running the installation once. This will of course also affect on license price/update price for additional programs for BrakeWIN and BusWIN, the extra card fee for these modules will not be added when you have TrailerWIN also.



New setup

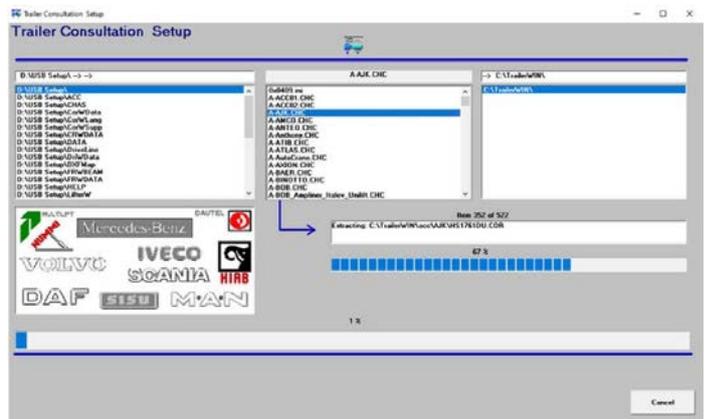
From 1.1.2023 we will have a new setup-package. This new setup will require admin-rights before you can enter the installation. The installer user interface works the same way as before and unnecessary steps are removed. You can find the new setup-guide on the USB-card as pdf-file and if you get update on download link it will be a link in the message to the instructions.

Order multiple updates during the year

To meet the request for several updates during the year we have now introduced this as a standard method to keep the software up-to-date. For a small extra fee (20% of the normal update price) you can order additional updates during the year if you need to get new products and trucks into your program. This fee will be charged also when ordering a replacement update change of the company name and/or company logo is changed during the calendar year. Contact your dealer for more information.

Latest "Fix":es now on our homepage

No matter how hard we try to get all our programs Error-free, there is always the possibility something goes wrong. Now we have introduced a new service for downloading fixes for minor Errors on our homepage. You will now find fixes on our homepage: www.trailerwin.com . Click on “Support” and then select “Fixes” in the





menu where You will find the latest fixes on top. The pdf-file holds short instructions for installing the fix and the zip-file holds the package to install. To install a correction, download the instructions (pdf-file) and look that the fix is suitable for Your version. Install the correction as described in the instructions.

If an Error occurs, please check here first and inform us if a fix is not found for the Error. Please note that all Errors can't be fixed through this service and also make sure that You have suitable version before installing the fix.

Default file extensions

In release 2018-01 we have added default file extensions to saved and opened program files. You can however choose to show only "*.dat" or all files "*.*" . The default file extensions are:

- TrailerWIN .trw
- FrameWIN .frw
- CraneWIN .crw
- CornerWIN .corw
- BrakeWIN .brw

With this we believe it will be easier to separate file types from each other. In *File-window* you can select if you want to see old style file types *.DAT or *.*

Like us on Facebook

We are now on Facebook, please like us and find useful information on our Facebook page. We will add more features and information about updates on our Facebook later this year so remember to come back regularly. You will find us on facebook.com/TrailerWIN



Follow us on LinkedIn: Find our page on LinkedIn and follow us. You can find us on:

www.linkedin.com/company/TrailerWIN



Important information about changes for invoicing

We will move our platform for sending invoices to Visma Solutions, therefore invoices will in the future come from Visma Solutions (Maventa). For you who already get E-invoices from us there is no change as these has already been a while through the same service. For you who have had e-mail invoices from us will now get a download link from:

Autoinvoice Transactions noreply.autoinvoice@visma.com , in this e-mail you will find a password and a link where you can download the invoice. This system automatically sends reminder if the download hasn't been clicked. Make sure that e-mails from this will not go to spam-folder, add it to your "safe senders list" in the e-mail program.

If you still have paper-invoices you will get invoices printed/sent from this print service as well, we will start to invoice an **extra fee for 5EUR for paper invoices in 2022 so please inform if you can receive e-mail invoices.**

Possibility to order updates thru download link

In 2023 Trailer Consultation will give the possibility to receive the update on download link instead of physical card.

As a download link for a software is treated as a service provided in the receivers country the VAT-rules must be validated and also the receiver must agree to take care of the VAT registration of the purchase of downloadable software.

The download-system will be possible for countries that have "reverse charge" VAT system, this means that the buyer will report and take care of VAT in the receiver's country.

We will start to offer the download link to following areas:

- All EU-countries
- UK
- Norway
- Switzerland
- Turkey
- Iceland

Other countries will be added as the tax regulations have been verified.

When ordering update thru download link, please note that the link is valid for only 7 days. After the link has expired the update package will be automatically removed from the server and to get a new package you need to order a second update and pay for second update fee (approx. 20% of normal update fee).

NOTE ! When ordering update thru download link, please give full e-mail address of the person that will install the package. The link will be sent directly to this e-mail address only!

New language pack, Portuguese now available

We're pleased to inform you that with the release of version 2024-05, we've expanded our language offerings to include Portuguese. This enhancement allows you to integrate Portuguese language support into your programs. You can conveniently add this new language pack when placing an order for an update or a second update.

Portuguese Language Support is Compatible with the Following Programs:

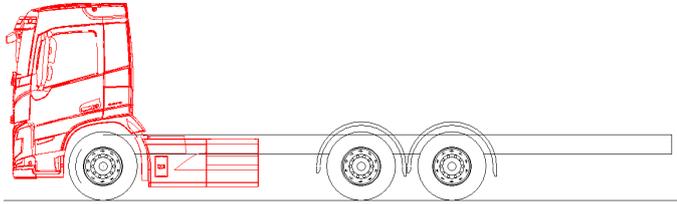
- TrailerWIN
- CraneWIN
- FrameWIN
- CornerWIN
- DrivelineWIN

For additional information and to explore the benefits of this new feature, we encourage you to contact your authorized dealer.



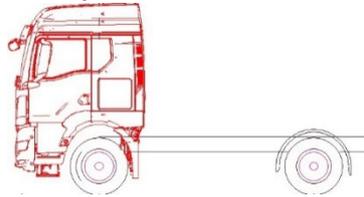
New Trucks in TrailerWIN

Volvo FME DayCab

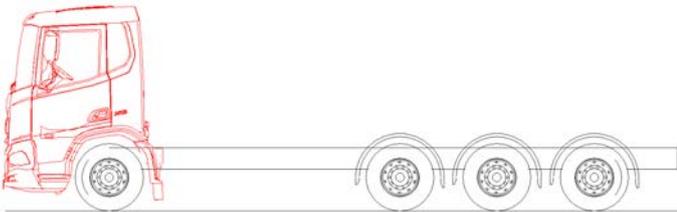


Man 2022

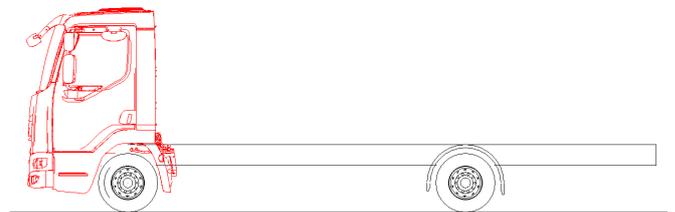
(data from MAN November 2022)



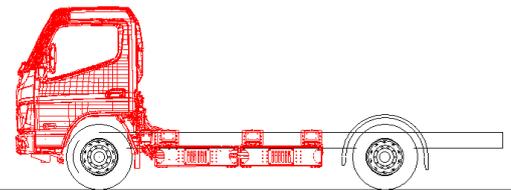
DAF XD, XF, XG Tridem



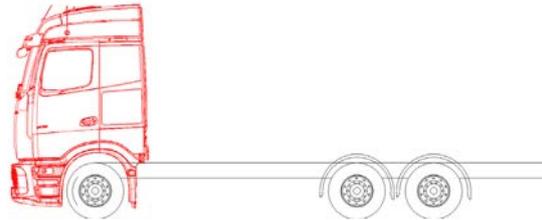
DAF XB



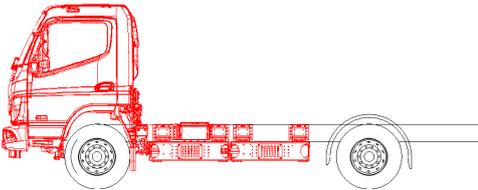
Mitsubishi FUSO eCanter AU



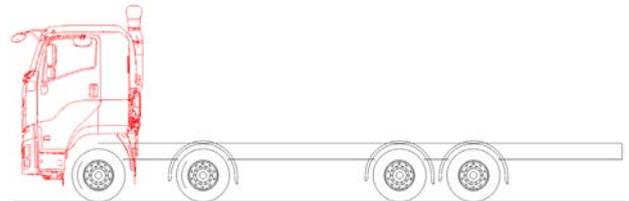
MB eActros 600



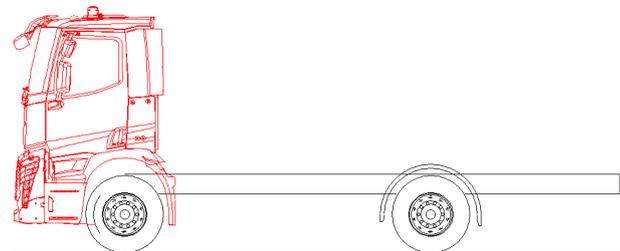
Mitsubishi eCanter



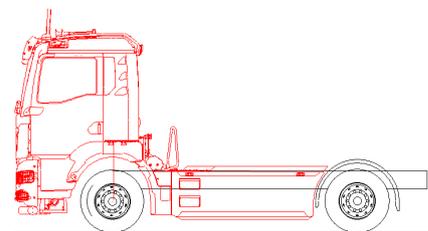
Isuzu New Zealand models



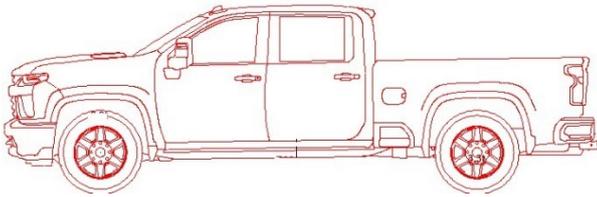
Renault D and C E-tech



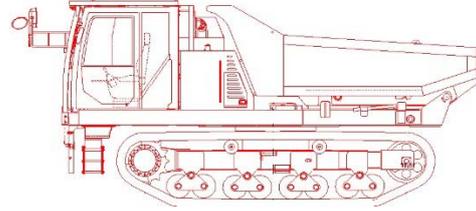
MAN eTGS



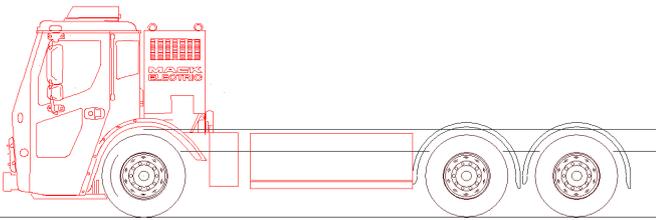
Chevrolet



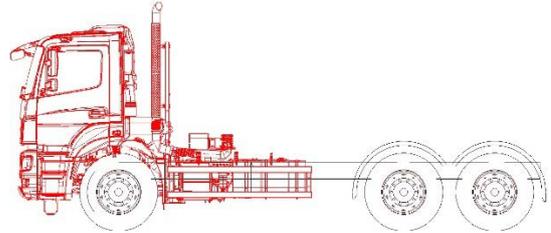
Morooka



MACK LR



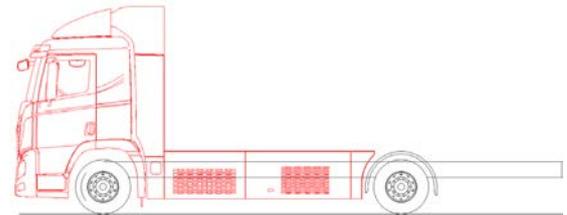
Kamaz



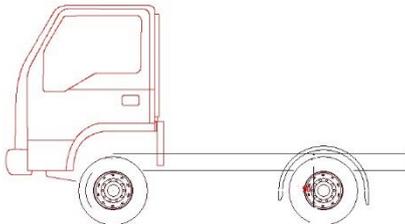
Western Star



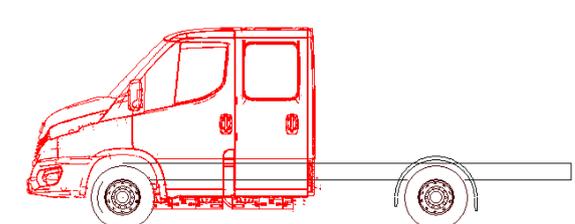
Hyundai Xcient Fuel Cell



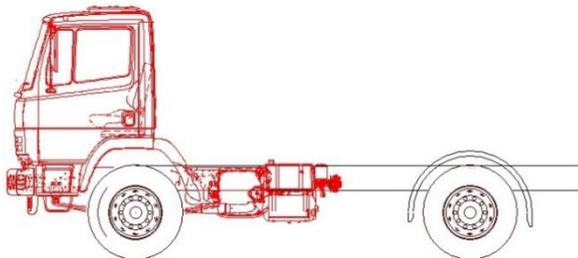
Durso



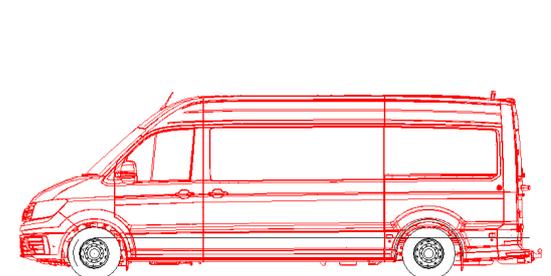
Iveco eDaily + Daily



MB Atron



MAN ETGE





Updated Iveco data

In version 2024-01 you can find updated data for Iveco Eurocargo, S-Way, T-Way and X-Way that comes directly from Iveco factory. This holds full model range and better data for the models. This will in the future give us faster updates of new models and more accurate data in the future.

Chassis :

- IVECO Eurocargo MY24
- IVECO S-Way MY24
- IVECO T-Way MY24
- IVECO X-Way MY24

X-Way MY24 - AT300X54Z/P ON 6X4 CABINAT AT MY
X-Way MY24 - AT300X54Z/P ON+ 6X4 CABINAT AT MY
X-Way MY24 - AT350X36Y/PS ON 8X2 2+2 CABINAT AT MY
X-Way MY24 - AT350X36Y/PS HR ON 8X2 2+2 CABINAT AT MY
X-Way MY24 - AT350X36ZY/PS HR OFF 8X4 1+3 CABINAT AT MY
X-Way MY24 - AT350X36ZY/PS HR ON 8X4 1+3 CABINAT AT MY
X-Way MY24 - AT350X36ZY/PS HR ON+ 8X4 1+3 CABINAT AT MY
X-Way MY24 - AT350X36ZY/PS OFF 8X4 1+3 CABINAT AT MY

3300
3500
3800
4200
4500
4800
5100

Preview

Cancel

OK

IVECO X-Way MY24

SCANIA 2022 Group

Group: SCANIA data 2022

Scania 2022 includes new models and more alternatives on front bumpers directly from Scania menu. When selecting SCANIA 2022 - > models You will get more cab models including some XT-models. Now You also have to choose the engine-type and frame-type from lists. You also have the possibility to give lift-axles on chassis and to give extra devices weight on front- and rear axles to better meet the correct weight on the truck.

- CG14L XT
- CG17L HD
- CR17L XT
- CP17L XT
- CP17N XT
- CP20N XT
- CR20N XT**
- CS20L XT
- CS20N XT
- CG20H XT
- CG20N XT

Update Mercedes data from Bodybuilder portal Json file into TrW

In TrailerWIN all the new Mercedes Benz models are displayed without their own weights. This is done because the weights are very different depending on what specifications the customer chooses on the vehicle.

In version 2023-05 we have now made a function so you can import data from JSON-file from Mercedes BB-portal into TrailerWIN to update the data automatically.

Create the data in Mercedes Bodybuilder portal

To get the data for the truck, you are advised to go to the MB bodybuilder website, login and select truck specifications and open "Technical data sheet":

The screenshot shows the Mercedes-Benz website interface. At the top right, there are links for "Provider/Data protection", "Finland", and "English". Below the Mercedes-Benz logo, there are navigation links: "Vehicle configurations", "Favourites", and "Dashboard". The breadcrumb trail reads: "Home > Technology and information Trucks (Actros 5 L cab) > Type selection". A message states: "Now specify further properties of your vehicle to enable the relevant catalogues below the selection fields."

Type selection.

The screenshot displays the "Type selection" section with several filterable options:

- Model variant code (Var. code)**: 96302212
- Model class**: 2542
- Engine code (Engine)**: M3A: Eng. OM471, inline 6, 12.8 l, 310kW (421hp), 2100 Nm
- Drive (Drv.)**: 6x2/4
- Version (Vers.)**: L
- Emissions standard (Euro)**: M4X: Engine version Euro VI, E
- Product group (PCG)**: V1W: Standard

Technical data.

The screenshot displays the "Technical data" section with four options:

- Technical data sheet**: Technical data sheets for the selected model series are available here, in line with the specific variant selected. It is also possible to select special equipment items and make weight calculations.
- 2D chassis drawings**: This is where we provide 2D drawings of the selected model series, in line with the specific variant selected, in various views and formats.
- 3D design data**: 3D design data for the selected model series are available here, in line with the specific variant selected. Approval is given on a project basis.
- 3D visualisation data**: 3D visualisation data for the selected model series are available here, in line with the specific variant selected. Approval is given on a project basis.



Finalize the specifications in next window and press “Generate data sheet”:

Technical data sheet

- Powertrain, air intake & exhaust system (M5B, G2B, M8B, K7D, U2G)
- Axles & brake system (O1S, A1Z, A1C, B4M, A2E, A5G, B2A)
- Wheelbase & frame overhang (C1Q, C0), Q8JS)
- Frame add-ons (C5I, C7), C8F, C7A)
- Cab, cab attachments & wind deflectors (F1D, F2N, F7X, F6T)
- Fuel tank, Adblue tank & hydraulic oil tank (K1I, K3V)
- Clearances & pre-installations
- Tyres and wheels (R1Q, F38, R1Q, F38, R1Q, F38)

Ergebnisse.

[Reset selection](#) [Selection of additional weight parameters](#) [Generate data sheet](#)

Choose “Export data” :

Mercedes-Benz

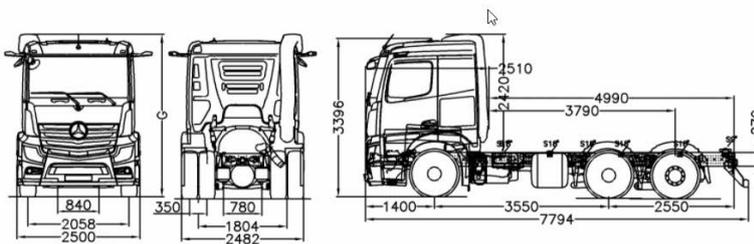
Provider/Data protection Finland English Roland Dahlin (moisio)

Vehicle configurations Favourites Dashboard

Technology and information Trucks (Actros 5 L cab) > Type selection > Technical data sheets > Actros 2542 L 6x2/4 BM 96302212 Rigid chassis

Actros
2542 L 6x2/4 BM 96302212
Rigid chassis

Drawing



General information

[Back to optional extras selection](#)

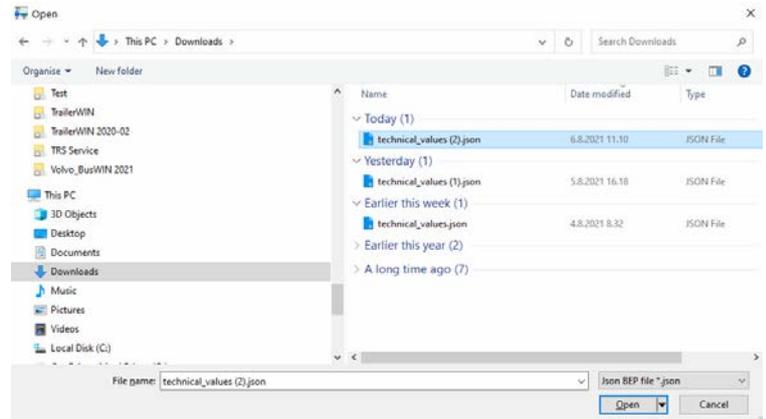
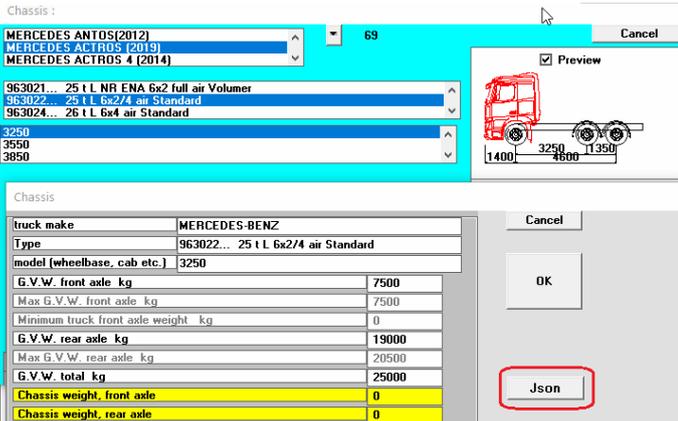
[Export data](#) [Generate PDF](#)

This makes a .json-file into your Downloads-folder in Windows. Save this file with BM-code in filename for easier localization later.

Importing the data from JSON-file into TrailerWIN

In TrailerWIN you start to first choose same Mercedes model so you need to localize a model with same first 6 digits in BM-code, wheelbase isn't important now as we will update the data from the saved .json file.

Press the "Json"-button and go to your Downloads-folder to find the file and click "Open":



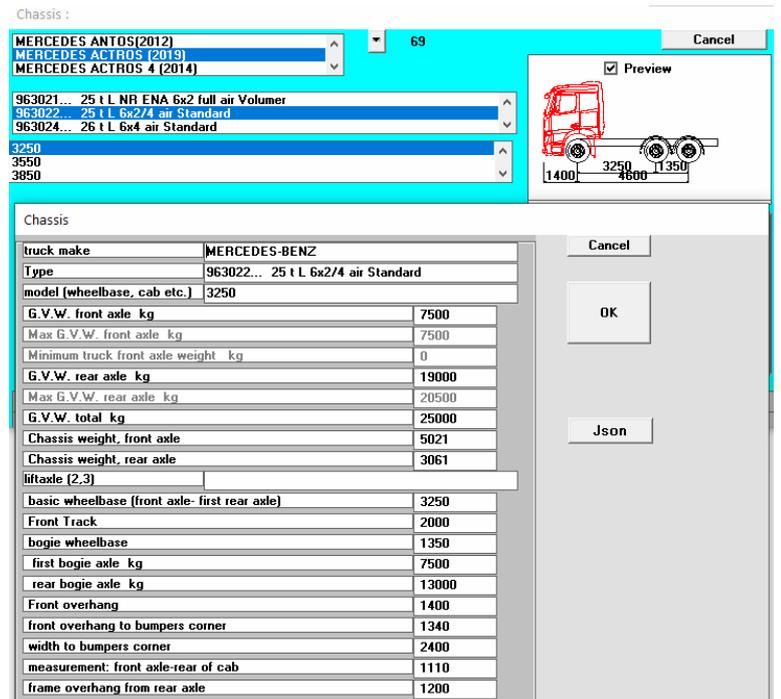
The data is now updated from the .json-file.

Note ! If you have pre-selected a truck with wrong BM-code you will get a warning and you need to do a new selection, this due to the fact that TrW reads specific model information from our own database.

If all is correct you will now get updated truck data and also correct cab selected for the truck.

Data that can be updated are:

- Full baumaster-code (BM)
- Wheelbase and axle distances
- Front and rear overhang
- Frame height over road
- Cab type
- Cab height over frame
- Cab rear wall position
- Permissible axle loads per axle.
- Permissible gross mass for truck.
- Curb weights front and rear axle.
- Wheel radius

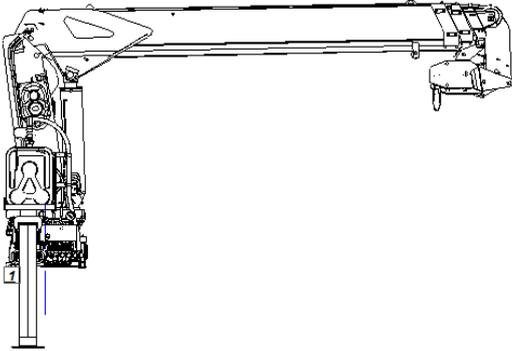




New Crane Models

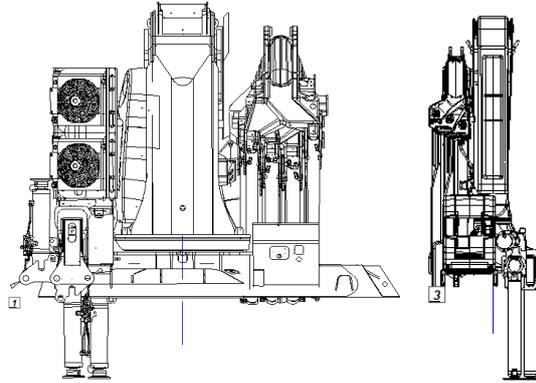
Tadano

TM ZT 824, TM ZT 825, TM ZX 1005



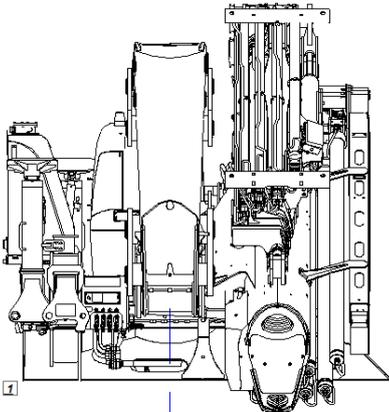
Hiab

iQ 1388 HiPro and iX 128, iX 138, iX 142, iX 158, iX 162



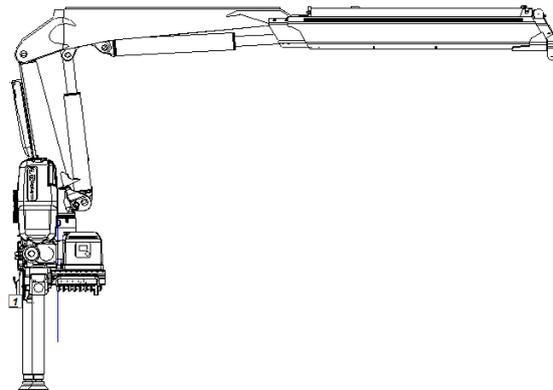
Palfinger

PK245, PK250, PK 295, PK300, PK365, PK370, PK 480, PK580, PK1050, PK1350

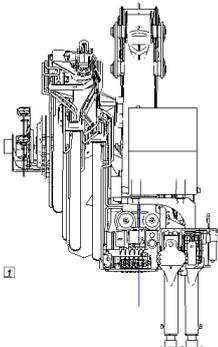


Fassi

F115, F215, F305, F315, F1750

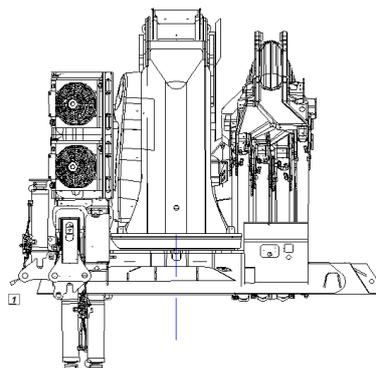


ING cranes



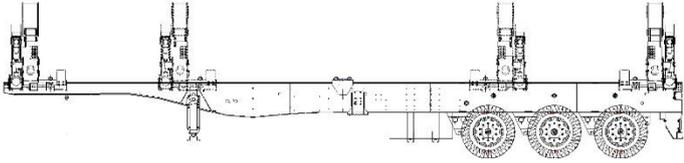
EFFER

iQ 1400 HIPRO

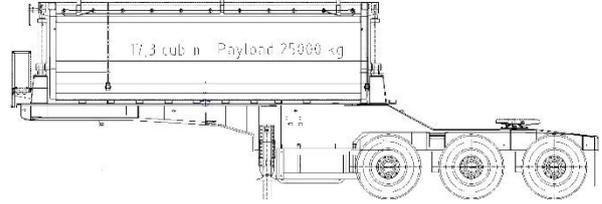


New Standard Trailers

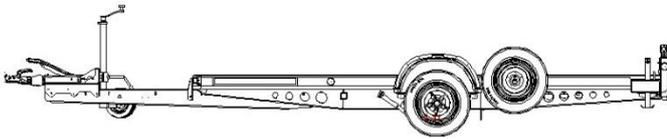
Roadhog



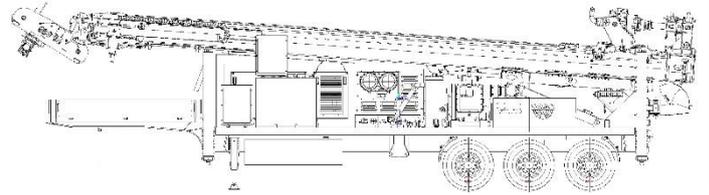
Mitrax



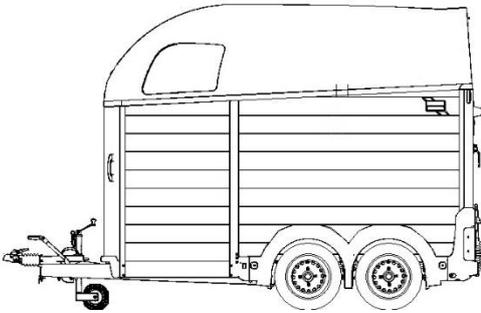
Brian James Trailer



Fraste trailer

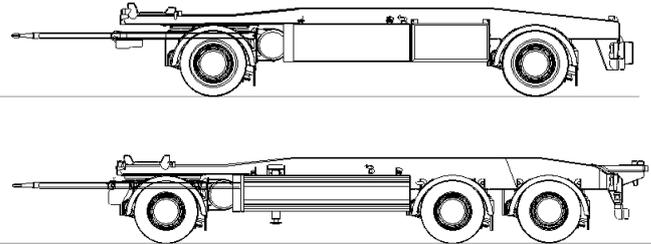


Ifor Williams



MEC

RBG2A, RBG2R, RBG3R

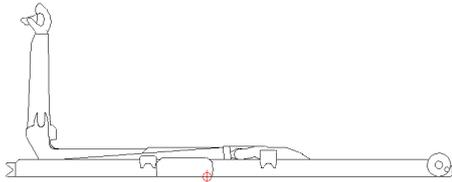




New Equipment

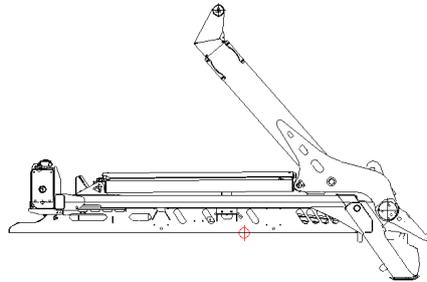
Meiller Hookloaders

RS, RL



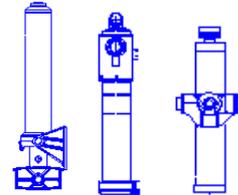
Meiller Skip loaders

AK series



NUMMI

RT, SUT, TT, DFC, DFE, EFC, EFE, SDC, JTC, JTD series



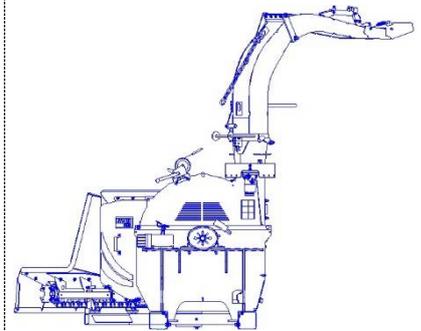
Marrel LP PT & PA



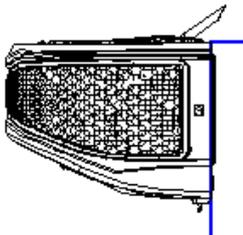
Wille 865 (load)



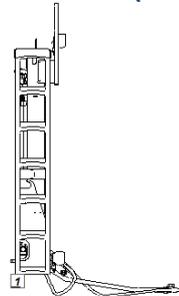
Farmi chipper (load)



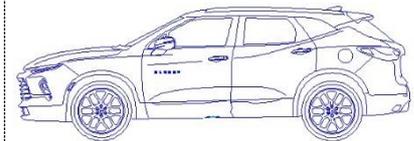
Carrier Supra HE (Cooling unit)



Palfinger D25 Frontwall (mixed)



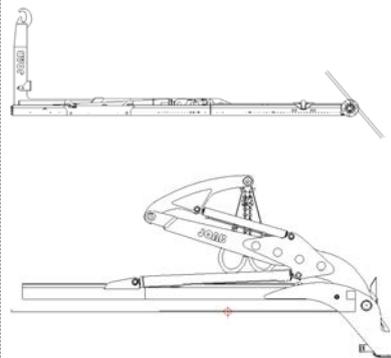
Chevrolet(load)



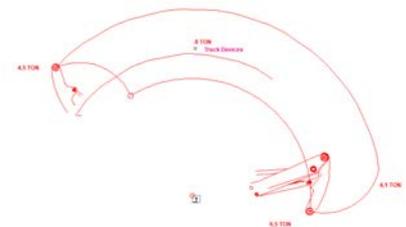
Thermo King (Cooling units)



Joab Hooklifts and Skiploaders



Joab Tipping radius for Skiploaders (load)



New program features TrailerWIN

Save own default values for tipping axle for hooklifts and skiploaders

In version 2023-10 you can now save the default value for tipping axle directly in data window for skiploaders and hooklifts. There are 2 different default values, one for 2 axle trucks and another value for 3 or more axle trucks. Simply press the button "Save as default value" to set it default for next calculation.

Equipment	Value
tipping hinge, backwards from rear axle	762
frame overhang from rear axle	950
JOAB VL 8-3700	
length	3700
extra devices weight	1925
devices centre of gravity, forwards from tipping gear axle	1174
dy ^	0
Container X	0



Min and max values for fifth-wheel

In version 2024-01 you can now give max and min values for fifth-wheel placement. This will then be illustrated on the drawing illustrating the limits for an adjustable fifth-wheel coupling.

Fifth Wheel Coupling	
Fifth wheel place (measurement-t)	413
fifth wheel place (measurement-t) min	200
fifth wheel place (measurement-t) max	600
fifth wheel weight	140
frame overhang from rear axle	1200
body width (outside)	2550
dy ^ move up	0
Rear corner: Chamfer dx (direction length)	0
Rear corner: Chamfer dz (direction width)	0

New semitrailer axle configurations

In version 2024-01 you can find a new semitrailer type, 5 axle semitrailer with 3 last axles steered and in version 2024-05 you can also find a 4 axle semitrailer with 3 last axles steered.

These types can be used also in CornerWIN.

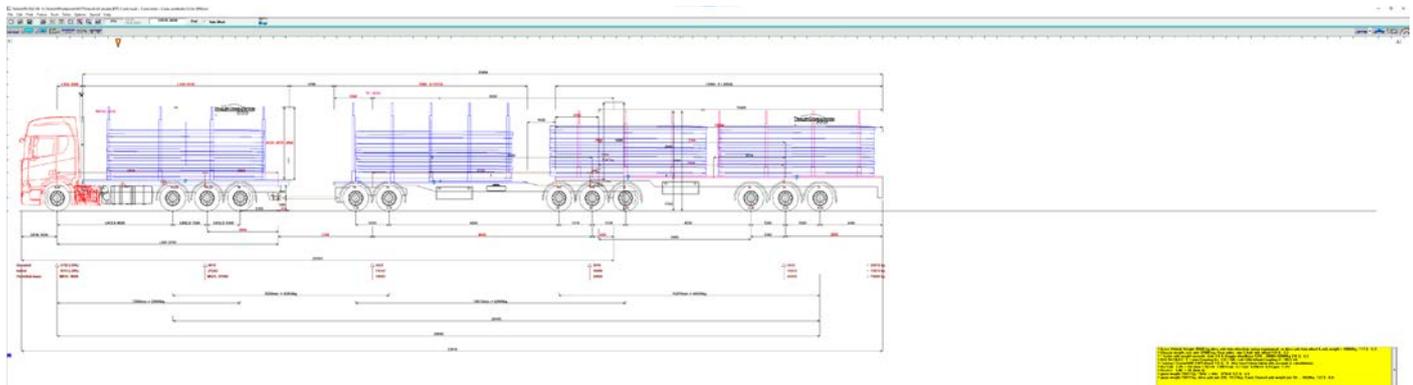
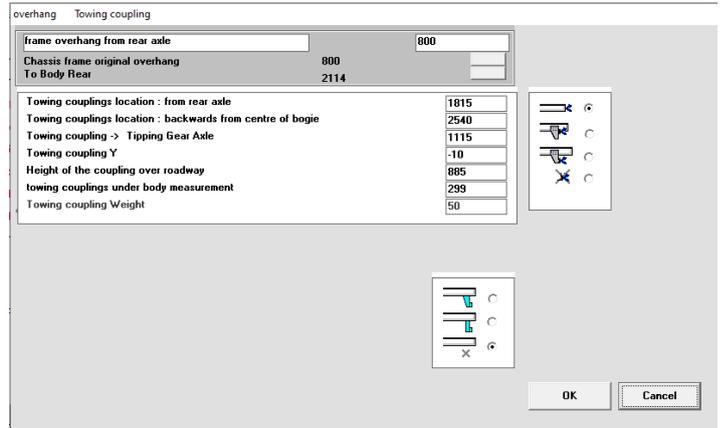


New option to define drawing bar position

In Version 2023-04 you can define drawing bar position from the position of tipping axle. This option is visible if tipping gear or hooklift device is installed.

Support for Ultra wide screens

In version 2022-08 you will have support for ultra-wide screens, for example resolution 5120x1440px. This will be helpful when working on long combinations.

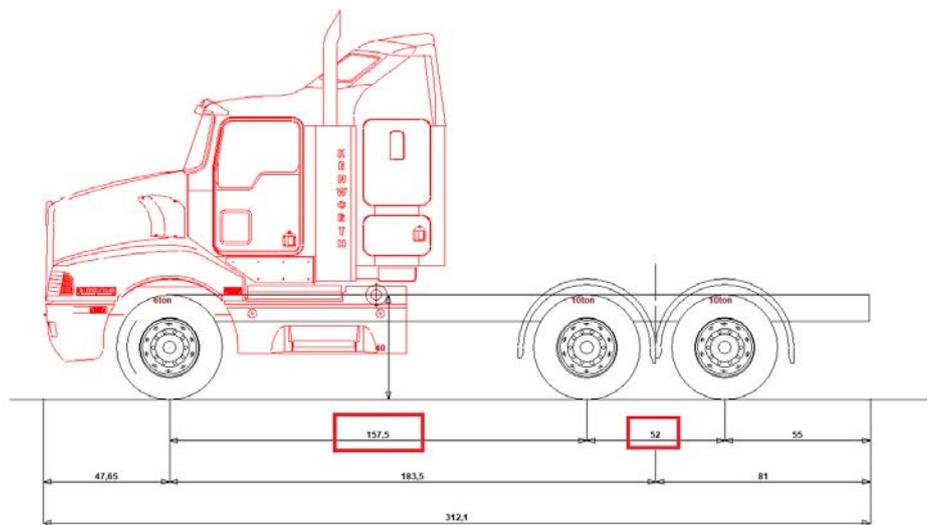


Added axle-space measures in US-version

In version 2023-08 there are more axle spacing measures in US-version.

Outdated version message

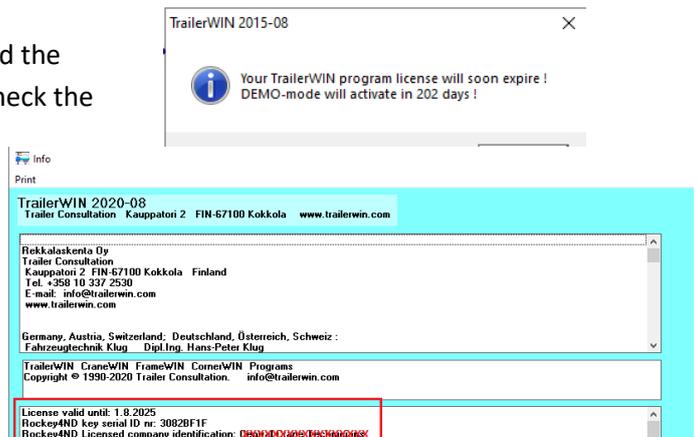
If you are running an old version of TrailerWIN the program will show you a message at startup reminding about updating to new version. When you see this message, contact your dealer for an update.



License expiration and Rockey4ND key ID

The TrailerWIN license is valid for 5 years, if you haven't updated the program you will get a message of license expiration. You can check the date for expiration in Help-TrailerWIN info. After this date the program will switch to DEMO mode automatically and you need to purchase a license re-activation in order to get it running in full mode again.

In this window you can also see the ID number and licensed company on the Rockey4ND key if you have a one computer version.

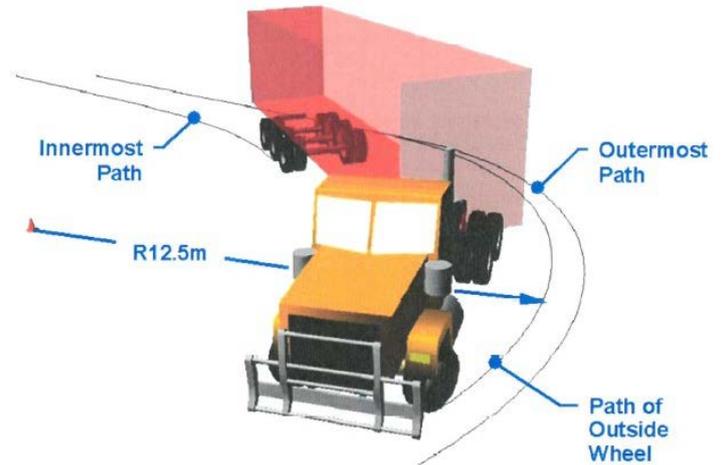




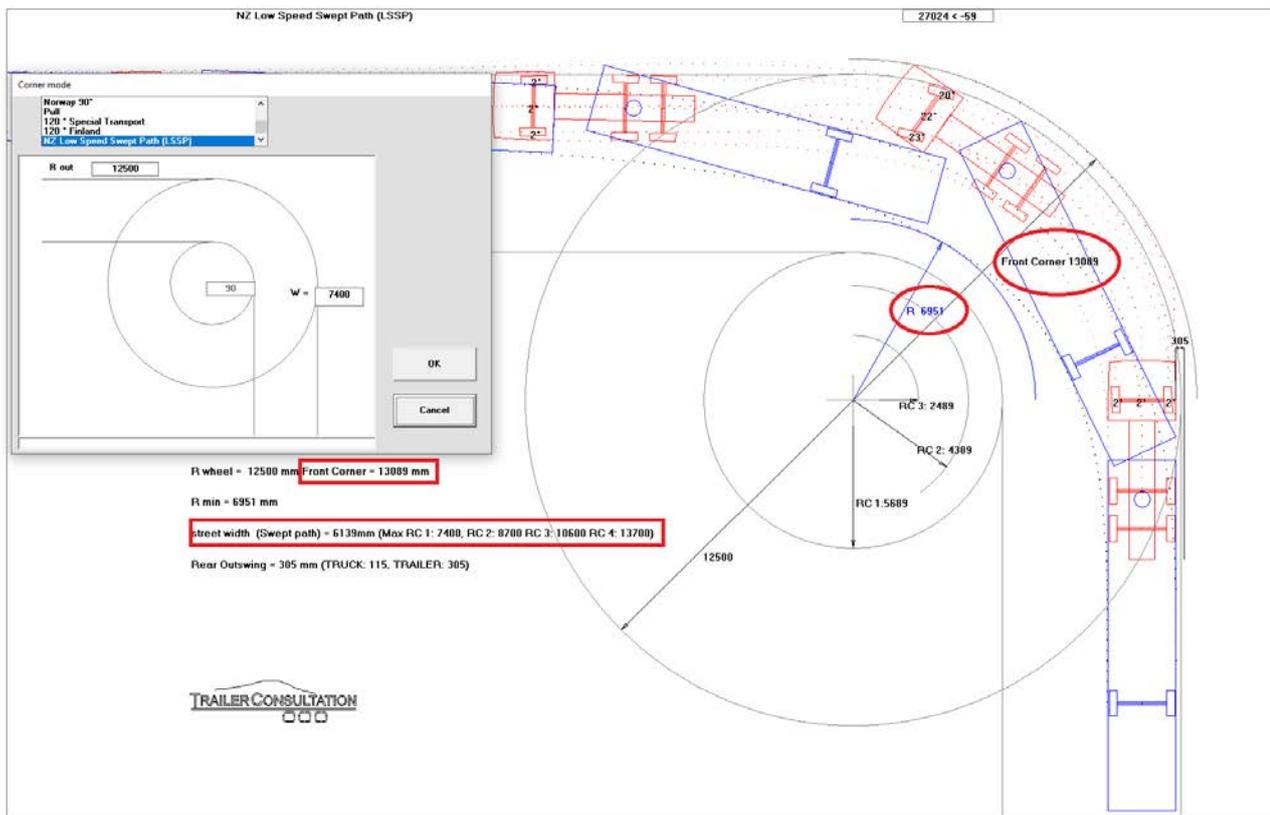
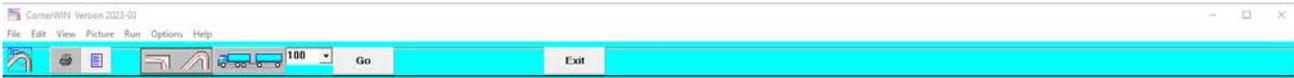
New features in CornerWIN

New Zealand Low Speed Swept Path (LSSP)

In version 2023-05 you can find a new simulation for NZ LSSP requirement. This simulation drives the truck/combo in a circle where the outer wheel is following a 12,5m circle in 90° turn. During the simulation the software is following the position of the outermost front bumper corner (defined by corner length and corner width) to find the max radius for front corner and at the same time the innermost radius for truck/trailer(s) during the turn making it possible to calculate the swept path. In the output you can also see the minimum radius for the actual vehicle for different road classes shown by shorter arcs.

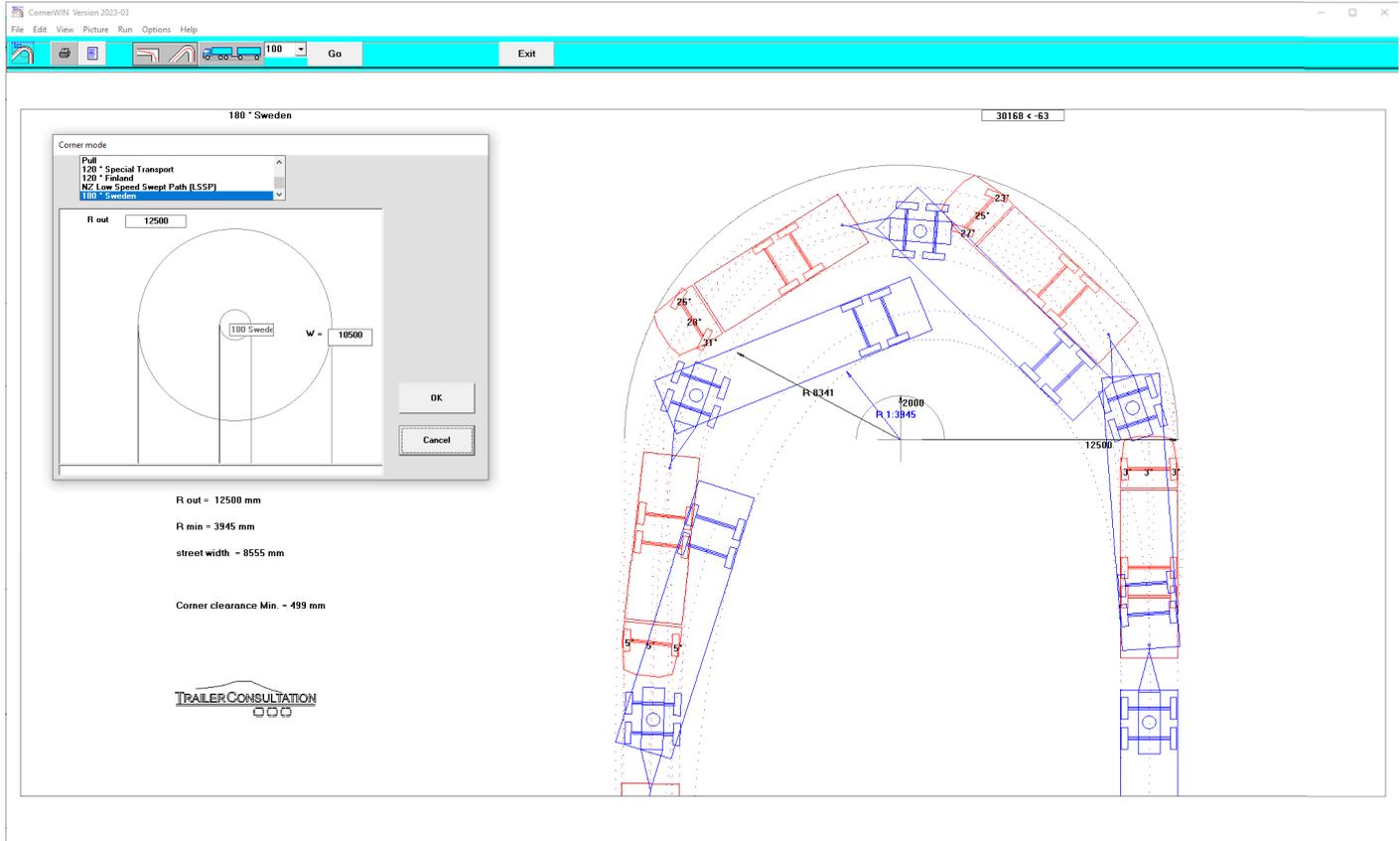


With this simulation it's easy to find out at design stage if the combination will be able to fulfil the NZ requirements.



New Swedish turning simulation for combinations 24m-34.5m

In CornerWIN version 2023-05 you can find a new simulation method for checking turning against Swedish regulations for combinations over 24m. This has been updated in version 2023-08 to include also 34,5m HCT combinations. In this calculation the complete combination must fit in between the 12,5m and 2m arc's. The simulation gives warnings if the combination length is too short or too long. Note that not all combination types are allowed in this length, verify with Swedish regulations.

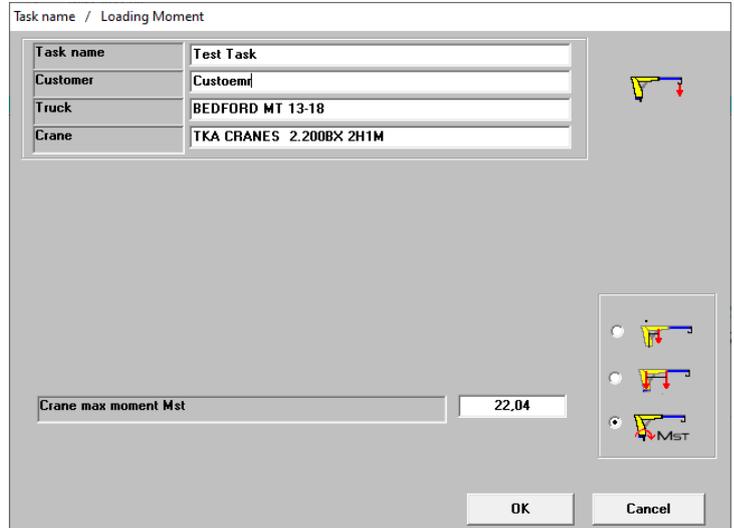




New features in CraneWIN

Using static crane moment in stability calculation (Mstat)

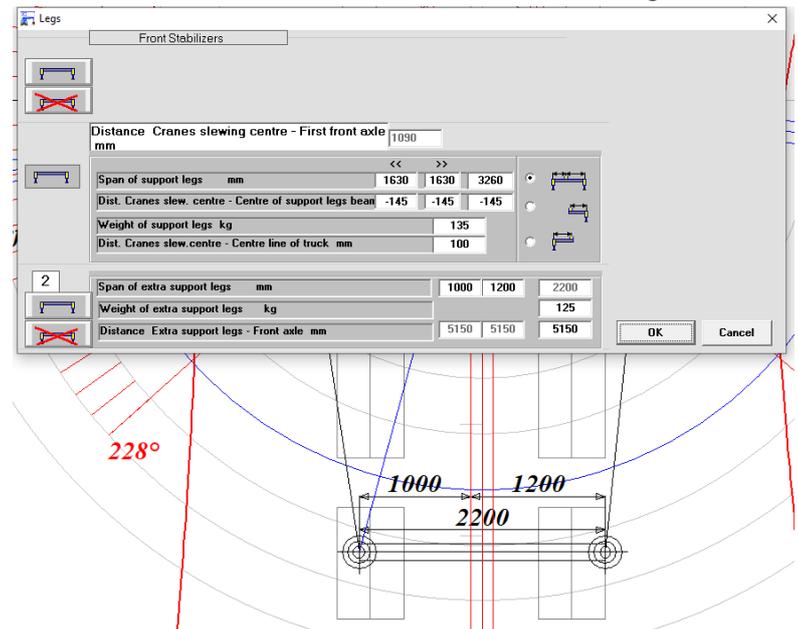
In release 2023-08 you have the possibility to use the crane moment instead of max load & outreach when calculating stability in CraneWIN. The information about Mstat will be available for new crane models when added.



Adjusting stabilizer spread separately on extra stabilizers

In version 2022-03 you have now the possibility to set different outreach on extra stabilizers at rear, this gives possibility to check stability with stabilizer only partly expanded to one side. If the positions of the stabilizers are at different distance from center you will also see the offset on the drawing.

In version 2023-08 is added possibility to adjust left and right spread also for symmetrical stabilizers.



New features in BrakeWIN

In version 2024-01 of BrakeWIN you can find additional information on the brake-data formular on page 2. Here is useful information needed for programming WABCO EBS systems. Here you can find brakeforce on each axle with 1bar cylinder pressure and also braking forces at 50% deceleration and corresponding steering pressure.

BRAKE DATA	1	2	3	4	5
Axle	1	2	3	4	5
brake cylinder	16	16	16	16/24	16/24
Lever (mm)	76	76	76	76	76
torque ratio					
	26,13	26,13	26,13	26,13	26,13
R dyn (mm)	484	484	484	484	484
threshold torque (Nm)	10	10	10	10	10
brakeforce on axle , pz=1 bar	6133	6133	6133	5838	5838
deceleration z=50%, steering pressure pm (bar) 5,07					
Cylinder pressure pz (bar) z=50%	4,91	4,91	4,91	4,91	4,91
brakeforce on axle N, z=50%	39702	39702	39702	39663	39663
Cylinder pressure pz (bar) z=22,5%	2,61	2,61	2,61	2,61	2,61
Cylinder pressure pz (bar) pm=6,5	6,5	6,5	6,5	6,5	6,5
Actuator force (N) pm=6,5 bar					
	6632	6632	6632	6640	6640
brakeforce on axle pm=6,5	53343	53343	53343	53409	53409
z =	0.66				

New test protocol for BPW SN4218 axle

New testprotocol for BPW SN4218 with new brake linings added in BrakeWIN.

Akseli
SAF
BPW
ROR
GIGANT
BPW SK 68 SN 3616 TDB 0264
BPW Z 68 SN 4212 TDB 0139
BPW B 100 SN 4218 TDB 0004
BPW H102 SN4218 36108212-07
BPW KHZF 13008 SN 3620 TDB 0325
BPW HZF 11010 SN 4222 TDB 0037
BPW S 80-1 SN 4216 TDB 0058



New features in DrivelineWIN

In version 2024-05 of DrivelineWIN you can find an option to change the scale to “High speed” to show curve up to 250km/h. With this it’s possible to investigate also passenger cars for speed and gradeability etc.

New language support

Driveline supports now also Portuguese language if it’s included in the language package for all software.



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**For other regions please contact
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Program Manufacturer



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TrailerWIN



CraneWIN



FrameWIN



CornerWIN



BrakeWIN



DrivelineWIN



BusWIN