

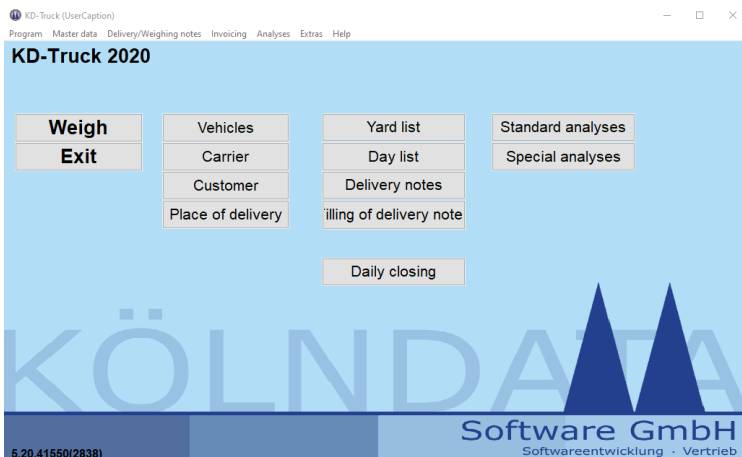
KD- Truck 2020

Product
Flyer

KD-Truck 2020

Your software solution for weighing

For vehicle scales, track scales, platform scales, belt scales, wheel loader scales etc.



Functional

Master data,
Weighing process,
Delivery notes,
Analysis

Convenient

Almost fully operable
with keyboard to
maximize efficiency

Performant

No practical limits with
regards to the amount of
data

Variable

All usual weighing
indicators can be
connected

Configurable

Plenty of possibilities to
configure the program's
user interface and work
flows

Plugin-able

Customer specific add-ons
can be easily integrated

KölnData Software
GmbH
Ramsbergstraße 49
71111 Waldenbuch

[www.koelndata-
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Master data, Weighing process, Delivery notes, Analysis

Master data

- Customer, carrier, place of delivery, and additional addresses with postal address, keyword and specific additional data (e.g. cash payer, payment conditions)
- Customer groups
- Material: unit of quantity (user-defined) and quantity counter, prizes
- Vehicles: license plate, tare weight, maximum weight, date of last update tare weight
- Container: label, tare weight and location
- Storage: label, product, input amount, output amount, storage amount
- Identifier: link to all above listed master data, definition of validity (useful in automatic mode)
- Freight types

All IDs have 8 number digits and can be freely assigned, additional alphanumeric numbers are available for free use, several possibilities to search and filter

Weighing process

- Choose from master data and/or input data freely
- Weigh using tare weight (stored in master data or added manually) or weigh two times with automatic correction of tare, possible to enter quantity manually
- Mandatory input for weighing can be defined
- Quick search in master data and save free input as master data
- Shows current weight, possible to zero the scale in the program (if supported by weighing indicator)
- Default direction (e.g. input/output) can be pre-defined in material, and can be changed when adding the weighing data
- Recognizes the direction automatically when weighing two times
- Integrate raw data and weigh them using an identifier

Delivery notes

- Cash receipt can be shown on delivery note
- Post-editing and printing of delivery notes
- Net and gross prizes for cash payment with different value-added taxes
- Input fields (2x80 characters) which can be freely used
- As many as needed different delivery notes can be printed

Analysis

- Standard analysis according material-customer, customer-material or just material for any possible period
- Different analyses and printed lists for user-defined periods
- Self-configured analyses without a limit

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Become a Premium – Customer!

Benefit from optimized work flows and convenient additional features with the premium version of KD-Truck

Additional functionality

- List of registrations resp. orders with similar appearance as the list of delivery notes
- Manual input for first and second weighing
- List with additional material during weighing process already
- Standard analyses can be grouped according customer, place of delivery, carrier, material, additional address; they can be printed or exported as Excel-file as well
- All reports can be stored as PDF-file and can be sent by mail
- Service items are available to add easily an additional fee for e.g. high energy costs
- HTML-Signature when sending emails
- For daily closing a period of time can be selected

Faster operation

- Fast entry of delivery notes
- Data from earlier delivery notes can be taken over for the respective vehicle
- All shown resp. filtered delivery notes can be printed at once

Individual customers

- Different delivery note templates can be defined per customer
- Notes can be added per customer, as many and as long as needed (e.g. to document phone calls)

Cash receipt Plus

- Prizes not only per material, but also special prizes for place of delivery / customer / customer group
- Block pricing (e.g. for minimum quantity)
- Keep record of barge book, optionally with TSE-connection (Technische Sicherheitseinrichtung gem. KassenSichV) using sd card/usb stick of Cryptovision or Swissbit (for single-user installations only)
- Easy printing of prize lists which can be filtered by customer, place of delivery, customer group

Data safety and traceability

- The logfile for all changes on delivery notes shows how delivery notes looked like before and after editing
- It is possible to store KD-Truck as a whole or its data only using our backup functionality, optionally as zip archive
- Delivery notes can be transferred from day list back into yard list in case mistakes were made during weighing process

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The following additional modules can be purchased independently from each other:



Touch-Automatic* / Elseco-Automatic

Fully automated weighing process using a touch panel (and/or RFID reader) or using an Elseco hand-held radio transmitter;

Mapping of master data, weighing and creation of delivery note happens automatically after card has been recognized, data has been added on touch panel (list selection or number input) or number has been entered on transmitter

* Premium version allows the mapping of multiple data sets per master data category for faster selection via touch



License Plate recognition

Recognition camera from uniserve can be connected (www.uniserve.de), weighing starts automatically after recognition; integration with Touch-Automatic module is possible



Camera

Camera picture is shown directly in the program, a picture can be saved in the delivery note; as many as needed cameras can be connected



Touch-Signature / Signopad-Signature

Driver's signature in automatic mode using a touch panel or signopad device



Debit card reader

Connect a debit card reader via ZVT-protocol in order to use a debit card for payment



Multiple weighing

Weighing of multiple items in delivery note, e.g. for different material; connection and simultaneous display of multiple scales (e.g. for recycling centres)



Web-Weighing

The whole weighing process in a browser, modern UI, different devices can be used (cellphone, tablet...), works even without Internet connection in local Wi-Fi



TSE plus

NEW

TSE-connection (Technische Sicherheitseinrichtung gem. KassenSichV) using sd card/usb stick of Cryptovision or Swissbit for network installations and/or installations with client management (1 TSE device per client)



Order management

Creation of orders resp. offers, manual or automatic mapping during weighing process with optional check of quantity, invoices can be generated directly from order/offer (if Invoicing-module available)

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The following additional modules can be purchased independently from each other:



Invoicing*

Invoices or credit notes based on delivery notes or materials, free input positions available as well; invoice draft can be saved; prizes can be added per material, customer group, customer and place of delivery; block pricing; automatic creation of collective invoices; payment conditions; invoice reminders; easy printing of prize lists
* In addition, the premium version allows to check customer's credit line during weighing; furthermore, delivery notes PDFs and other files can be attached files to the invoice e-mail



e-Invoicing

Like Invoicing module, x-Rechnung or ZUGFeRD (defined per client), VAT calculation horizontally or vertically per setting



Client management

As many as needed clients can be created; freely configurable mapping of master data, delivery notes and invoices with clients; number group can be defined per client



Agricultural trade*

Contracts and batches with quantity control, number of grades can be defined per delivery note; if Invoicing module is used prizes can be added per contract

*available as premium version too, standard analyses can be grouped by contract and/or batch



Laboratory

Number of grades can be defined per delivery note, grades are taken over automatically from laboratory devices, manual editing of grades is possible



Data exchange

Data exchange between sites via FTP or DFÜ; automated (per event, at a time or intermittent) or manually triggered



Disposal

Accounting of proof of waste disposal, supply notes and consignment receipts; connection to ‚nSuite‘ is possible



EBV-Criteria

Documentation of organoleptic findings according ‚Ersatzbaustoffverordnung (EBV)‘ per weighing, labeling of quality controlled materials according EBV; Documentation and monitoring of analysis/producer declaration regarding BBodSchV



Operational diary

Store up to 3 texts and several logical fields (check / unchecked) – can be named individually, entries can be changed later on, overview of entries as print list for a specific period of time

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Customize it!

We make sure that KD-Truck fully meets your requirements, with customer specific add-ons.

Customer specific development

KD-Truck is a modular structured software and owns a very flexible plugin system. Therefore we are able to realize specific requirements relatively easy. About 30% of our customers are using KD-Truck with work flows which were designed exclusively for them.

These are add-ons which are in great demand:

- Connection to other systems e.g. via REST services, xml-files, SOAP, SQL
- Additional data fields in weighing dialogue
- A weighing dialogue which fits to customer's processes, including own masks and sub-dialogues
- Extension of work flow in automatic mode, e.g. adding queries
- Create a fully customized work flow for automatic mode, instead of using the standard one
- Connecting additional hardware such as loading control per ModbusTCP or ProfiNet

Customer specific configuration

KD-Truck has almost endless possibilities for configuration. That means, it can be adapted to your needs without changing the code. This is specifically true for the following components:

- Take-over of existing master data
- Content and layout of the program's user interface, especially the landing page and the weighing dialogue
- Content and layout of delivery notes
- Content and layout of analyses
- Export of KD-Truck data in different formats
- Order of queries in automatic mode as well as possible input and selections
- System texts can be changed (e.g. for localization)

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We would be happy to make you a suitable offer. Contact us: [info@koelndata-
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Installation scenarios

Purchasing a KD-Truck standard license allows you to install and start KD-Truck on one PC (**single-user installation**).

For **network installations** with more than one client within a LAN (Local Area Network) and using the same data set you need a KD-Truck network license in addition to the standard license. However, maximum 5 concurrent clients are possible in KD-Truck. From the 6th concurrent active client on a data base server (ADS) is needed in addition (refer to next page).

Installations for multiple sites are possible using the additional module Data exchange. You will need a KD-Truck standard license and the module Data exchange per site. Maybe a KD-Truck network license is also needed (if more than one client per site). All other additional modules must be purchased per site as well. One site is defined as an individual data set.

Every installation needs client PC(s) / server which fit the requirements:



Client PC

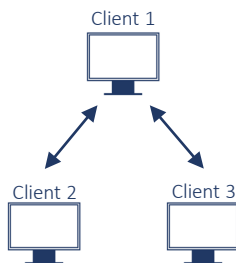
Windows 10;
Intel i3 or AMD Ryzen (or higher);
min. 4 GB RAM;
min. 50 GB free storage space (SSD recommended)



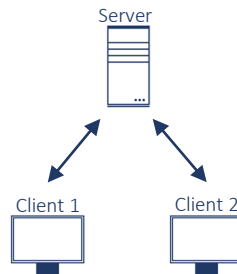
Server

Windows 10 or
Windows Server 2016
(or higher);
min. 50 GB free storage space (SSD recommended)

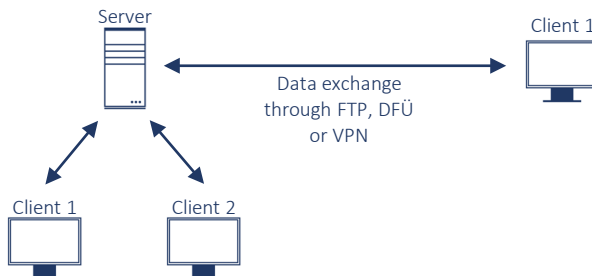
Network with 2 to x client PCs



Network with server and up to x client PCs



Example for an installation with two sites



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Further prerequisites

- Full access to the data directory for the respective user
- Knowledge in using Windows
- A scale which is connected per network or per serial interface
- Maybe further hardware, e.g. camera, RFID reader, touch terminal
- Backup to external medium/server or cloud is recommended

WaageServ

Per se it is possible to weigh with the client which is connected to the scale only. Per request a WaageServ can be configured, which allows weighing from all client PCs.

ADS (Advantage Database Server)

KD-Truck is a database-driven software, which needs a database driver. KD-Truck uses the database ADS from the company Sybase/SAP. Per default, the so-called **Local Server Mode without** explicit installation of an ADS is used.

The following cases require the so-called **Remote Server Mode with** explicit installation of an ADS:

- More than 5 concurrent clients are supposed to use the same data set of KD-Truck
- KD-Truck is supposed to be used via Remote Desktop (RDP) or something similar
- KD-Truck is operated within an instance on a terminal server

The licensing model for the explicit installation of an ADS is defined per concurrent client. The ADS can be purchased from KölnData as third party component.

Even in case the explicit installation of an ADS is not required, we recommend the same for all network installations in order to increase performance and data integrity.

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Distribution model

KD-Truck is purchased as fixed license, that means the price has to be paid once-only.

Updates can, but do not need to, be purchased for the respective update prize.

Validation codes

Changes in hardware, e.g. PC gets exchanged or Windows-Updates, require a new validation code for KD-Truck. When starting the program a message informs about it.

Please ask your scale builder for the new validation code. Scale builders can create validation codes on their own (per mutual agreement with us).

Direct customers can ask for a new validation code by sending a mail to info@koelndata-software.de.

User manual

Our user manual describes the basic functionality as well as the additional modules. A KD-Truck delivery contains the user manual as PDF.

KD-Wiki

Our homepage www.koelndata-software.de holds the KD-Wiki. The wiki contains information about functionality, which was developed specifically for a customer. The access to the wiki needs to get authorized by us, to make sure everybody can see the own specific developments only. If you are interested, please contact us: info@koelndata-software.de.

Support

For service requests, please contact us by mail (info@koelndata-software.de) or by phone (+49 (0)7157 8139525).

We can be reached at the following times (holidays excluded):

Monday:

8:00 – 12:00 and 13:00 – 16:00

Tuesday – Thursday:

10:00 – 12:00 and 15:00 – 17:00

Friday:

10:00 – 12:00 and 13:00 – 15:00

Processing time depends on our load resp. capacity.

Remote support needs an Internet connection as well as AnyDesk or a similar tool for remote access.

Service level agreement

If you conclude on a service level agreement with us, you can benefit from the following advantages:

- Extended service times
- Response time max. 4 hours
- Defined amount of service hours is included and can be used
- Standard updates will be provided cost-free (on request)

If you are interested in a service level agreement please contact info@koelndata-software.de.