

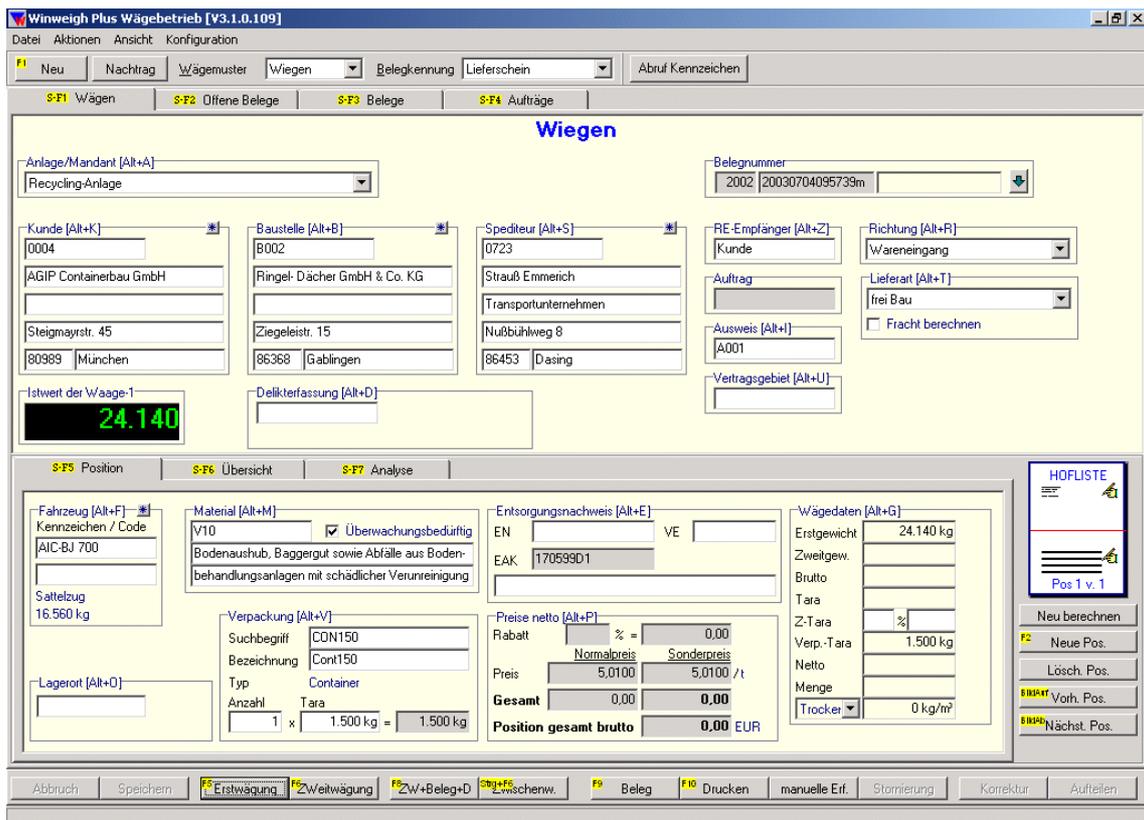
## Winweigh Plus

The versatile Windows software package with:

- weighing data recording and management
- system-oriented statistics and reports
- individual/group delivery note, weighing slip, wholesale weighing, cash / individual / group invoice, credit note

and many other functions ...

- short weighing cycle, supported by selection lists or search dialogues with specification of combined search terms
- weight display on screen with VWP virtual weighing processor in the PC as display / operator terminal and **verifiable memory** for weighing results thus verifiable storage with freely definable storage period (at least 90 days) without alibi printer
- designed as single or multi-station system (client / server) supporting up to 5 weighing terminals per workplace
- management of several clients and corresponding documents
- modular design, may therefore be implemented in many sectors
- extensive configuration and optimisation options due to implementation of weighing patterns (weighing mask design) and an interface for controlling weighing processes individually
- Flexible, efficient statistics program
- Multilingual (at present German, English, French and Italian)



The screenshot displays the 'Wiegen' (Weighing) interface of the Winweigh Plus software. The window title is 'Winweigh Plus Wägebetrieb [V3.1.0.109]'. The interface includes a menu bar (Datei, Aktionen, Ansicht, Konfiguration) and a toolbar with buttons for 'Neu', 'Nachtrag', 'Wägemuster', 'Wiegen', 'Belegkennung', 'Lieferschein', and 'Abruf Kennzeichen'. Below the toolbar are function keys: S-F1 Wägen, S-F2 Offene Belege, S-F3 Belege, and S-F4 Aufträge.

The main area is titled 'Wiegen' and contains several input fields:

- Anlage/Mandant [Alt+A]: Recycling-Anlage
- Belegnummer: 2002 | 20030704095739m
- Kunde [Alt+K]: 0004 | AGIP Containerbau GmbH | Steigmaystr. 45 | 80989 München
- Baustelle [Alt+B]: B002 | Ringel-Dächer GmbH & Co. KG | Ziegeleistr. 15 | 86368 Gablingen
- Spediteur [Alt+S]: 0723 | Strauß Emmerich | Transportunternehmen | Nußbühlweg 8 | 86453 Dasing
- RE-Empfänger [Alt+Z]: Kunde
- Richtung [Alt+R]: Wareneingang
- Auftrag: frei Bau
- Ausweis [Alt+I]: A001
- Vertragsgebiet [Alt+U]:

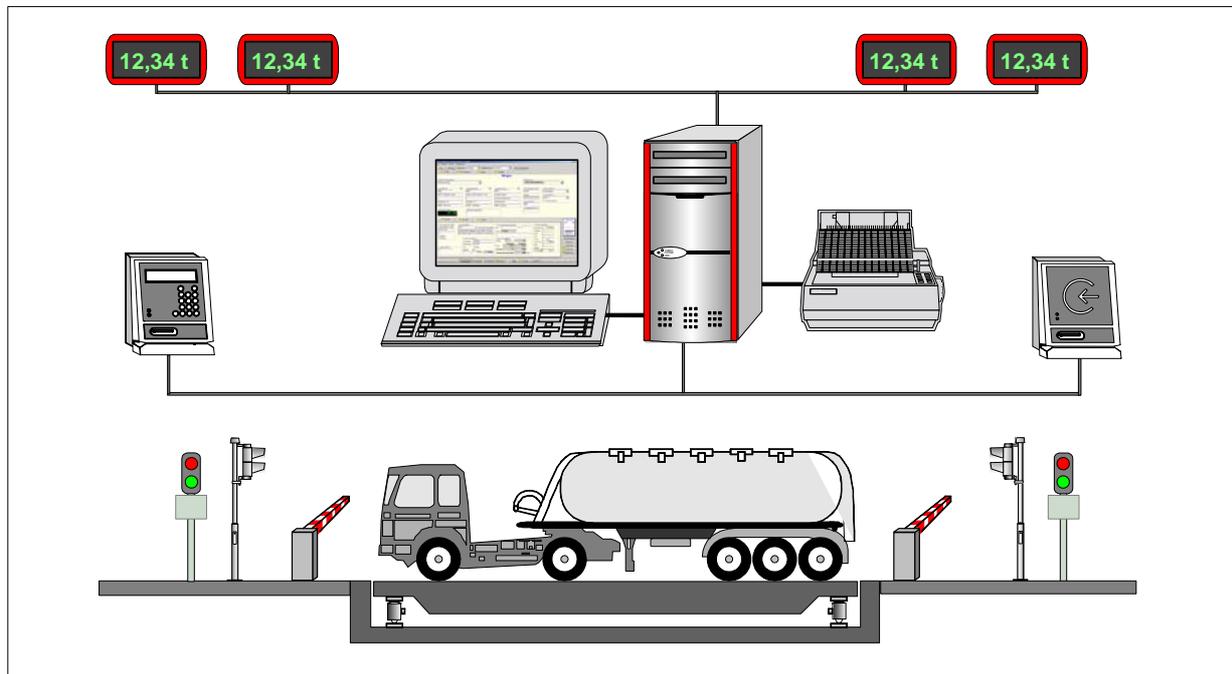
A large digital display shows the weight: **24.140**.

Below the input fields are tabs for S-F5 Position, S-F6 Übersicht, and S-F7 Analyse. The 'Position' tab is active, showing a summary table:

Material [Alt+M]		Entsorgungsnachweis [Alt+E]		Wägedaten [Alt+G]	
V10	<input checked="" type="checkbox"/> Überwachungsbedürftig	EN	VE	Erstgewicht	24.140 kg
Bodenaushub, Baggergut sowie Abfälle aus Bodenbehandlungsanlagen mit schädlicher Verunreinigung		EAK	170599D1	Zweitgew.	
Verpackung [Alt+V]		Preise netto [Alt+P]		Brutto	
Suchbegriff	CON150	Rabatt	% = 0,00	Tara	
Bezeichnung	Cont150	Preis	Normalpreis 5,0100   Sonderpreis 5,0100 / t	Z-Tara	%
Typ	Container	Gesamt	0,00   0,00	Verp.-Tara	1.500 kg
Anzahl	1	Position gesamt brutto	0,00 EUR	Netto	
Tara	1.500 kg = 1.500 kg			Menge	
				Trockner	0 kg/m²

At the bottom right, there is a 'HOFLISTE' button and a list of actions: 'Neu berechnen', 'Neue Pos.', 'Lösch. Pos.', 'Vorh. Pos.', and 'Nächst. Pos.'. The bottom toolbar contains buttons for 'Abbruch', 'Speichern', 'Erstwägung', 'Zweitwägung', 'Zw+Beleg-D', 'Zwischenw.', 'Beleg', 'Drucken', 'manuelle Erf.', 'Stornierung', 'Korrektur', and 'Aufteilen'.

## Winweigh Plus application diagram



## Winweigh Plus features and upgrade options

- Controlling of periphery devices such as traffic lights, barriers, remote and cash displays
- Order administration
- Invoicing
- Reminder system with unsettled invoice management
- Management module for waste industry with disposal certification, European waste catalogue EAK (AVV)
- Administration module for budgeting of clients / materials for statistical evaluations
- VESR (Switzerland): process for pay-in notes with reference numbers (printing of pay-in notes and reading-in of payments)
- VVS (Switzerland): regulation on special waste traffic
- Module for analysis management with analysis pattern, material analysis, document analysis
- Replication, automatic harmonisation of several databases at various sites
- Controlling of ID systems and online communication with host computers or PLCs, e.g. card readers / touch screens
- Data exchange interfaces (importing of vehicles, material, clients, sites, orders and exporting of document data, accounting data) with in-house programs (PPS system, accounting, SAP, Baan, Navision etc.)

## Weighing operation functions

- Customised creation of weighing patterns using floe technique.  
A floe is a single or group of input or display fields. It may be made visible or invisible on the screen. It may be scaled in size, positioning in the weighing mask is variable.
- Several weighing patterns with weighing and processing functions: abort, save, first/second weighing, intermediate weighing, document, printing, manual recording, cancellation, correction, division, loading, splitting, supplementing
- Variable entry sequence of additional weighing data and freely definable key combinations (hot keys) for fast floe accessing
- Swift adoption of additional weighing data in the weighing mask by working with vehicle pre-assignment and order management departments
- Swift location of master data via convenient search functions including incremental search (= searching during entry)
- Selective price calculation for several different materials during a weighing process. Via the "divide" function a weight value may be broken down into several parts.
- Use the "split" function to create a sub-document from a document with client, payer, material and weight share.  
Typical application: 1 weighing process with invoicing to several payers.
- Cash point function for cash payers with discount monitoring (in maximum permissible per cent deviation and absolute sum) and online discount calculator
- Central protocol printing of all connected scales via server.
- Creation of master data while a weighing process is being recorded
- Unsettled documents (hot list, unsettled group documents) and settled documents
- Automatic and semi-automatic mode



## Software requirements for Winweigh Plus

Winweigh Plus requires the following software environment:

Operating system	:	WinNT 4.0, Win 2000, Windows XP Professional, with the latest respective installed service packs from MS
Network	:	Internet protocol (TCP/IP)
MS scripting host	:	Microsoft scripting host, recommended version V5.6 ( <a href="http://www.microsoft.com/germany/scripting">http://www.microsoft.com/germany/scripting</a> )
Database	:	InterBase, version 5.61, 6.5 and 7.1 respectively ( <a href="http://www.borland.de">http://www.borland.de</a> )

## Hardware requirements for Winweigh Plus (computer hardware, printer)

### Recommendations and minimum requirements for program operation

#### Server / desktop (single workplace):

Processor	:	from Intel Pentium III and compatible processors onwards
Main memory	:	min. 128 MB
Hard disk	:	min. 50 MB for program installation min. 100 MB for production data (database)

		min. 40 MB for InterBase server installation
CD Rom	:	must be featured
Graphic card	:	min. 32 MB memory, min. resolution of 800x600 (recommended 1024x768)
Network card	:	10/100 Mbits, optionally for client/server installation
ISDN adapter	:	optional, for remote maintenance
Parallel port	:	min. 1 for document printer
RS232	:	min. 1 (COM1) for connecting a Pfister weighing indicator

#### Client:

Processor	:	from Intel Pentium III and compatible processors onwards
Main memory	:	min. 128 MB
Hard disk	:	min. 40 MB for InterBase client installation
CD Rom	:	must be featured
Graphic card	:	min. 32 MB memory, min. resolution of 800x600 (recommended 1024x768)
Network card	:	10/100 Mbits, optionally for client/server installation

#### Parallel / serial interfaces:

When planning a client/server installation the printers and weighing indicators to be connected should be taken into consideration.

#### Printer:

In principle, any printer may be used for which a printer driver is offered by the printer manufacturer for the operating system version implemented. We hold a list of recommended printers, in the case of other models the suitability of the printer must be checked in each individual case.

## **Administration**

**Basic package:** Besides the weighing program, Winweigh is featured in the basic package for the administration of system and master data. It is divided into the following four groups:

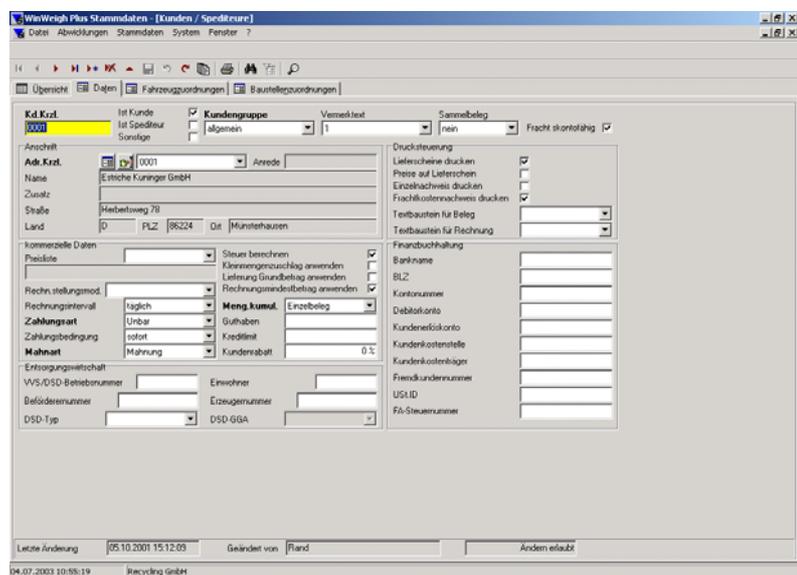
### **1) Basic functions**

- Basic functions:  
Field-sensitive help, user-oriented design of overviews, column-wise sorting, printing of master data lists, search window and swift search dialogue, free field selection for printing, menu design, central protocol printing, time monitoring between server and clients
- Autokeys: automatic number assignment for addresses, wagons, packaging, material, vehicle, contraventions, routes, text modules, redistribution, clients/shippers, sites, destinations/origins, warehouses.
- Individual pricing based on implementation of price calculation regulations. Maximum of 9 grade regulations with grade specification (to establish the regulation) and unit of calculation (for price calculation).

- Individual control of freight calculation via delivery manner, site and vehicle. Distance, vehicle and quantity-dependent price calculation.
- Definition of various amounts and supplements: basic delivery amount, supplement for small quantity delivery (small delivery quantities), minimum invoice amount, basic cash amount, minimum cash amount, small quantity cash supplement (small cash amount) as well as material-related basic and minimum price
- Print administration for document data such as: delivery note, cash invoice, weighing note, wholesale weighing, cash / individual / group invoice, credit note, cash log books and reminders
- Field settings for pre-assigning, enabling and overwriting of fields in master data forms
- User administration on the basis of Win NT, 2000, XP
- Annual closing of accounts assistant
- Data deletion assistant
- Data storing / backup
- Redundant database

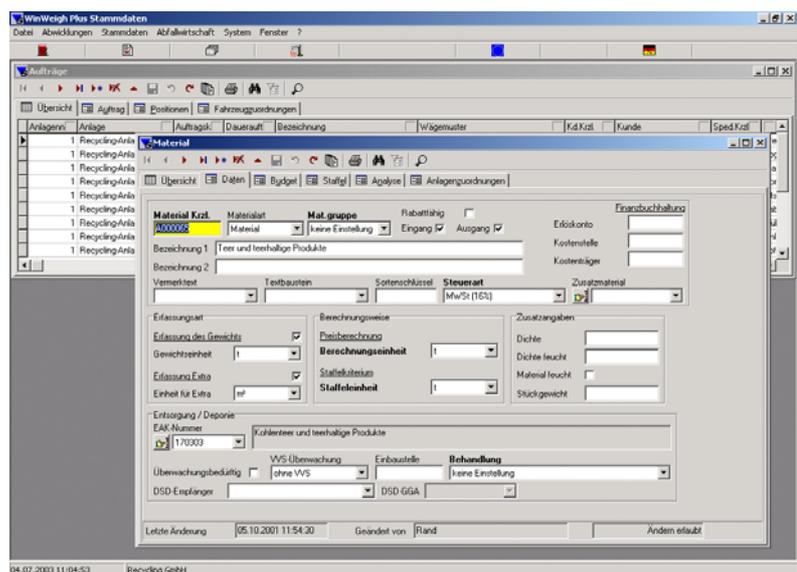
## 2) System

- Client data and -parameters
- Payment terms
- System data and parameters
- Control types
- Delivery modes
- Contrventions
- Text modules
- Routes
- Redistribution
- System parameters



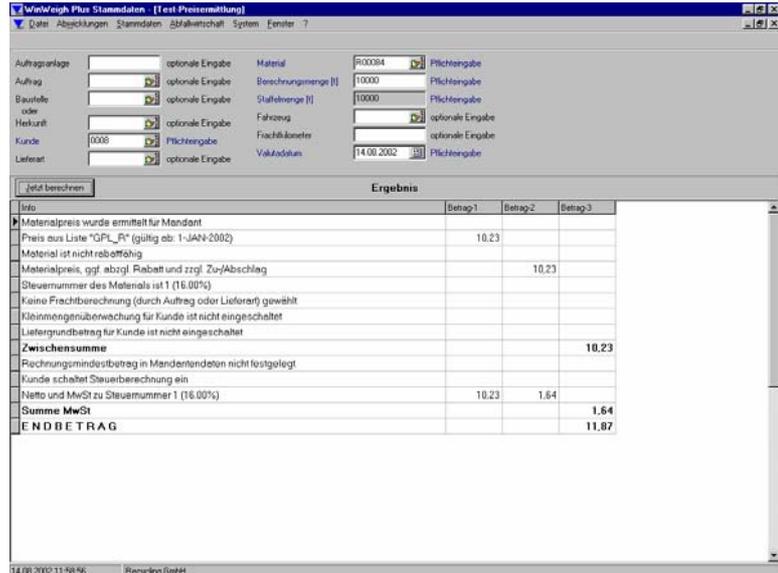
## 3) Master data

- Addresses / contacts
- Clients / shippers
- Warehouses
- Destinations / origins
- Sites
- Material
- Vehicles
- Packaging
- Wagon
- ID bearer / identification



#### 4) Price lists / fund

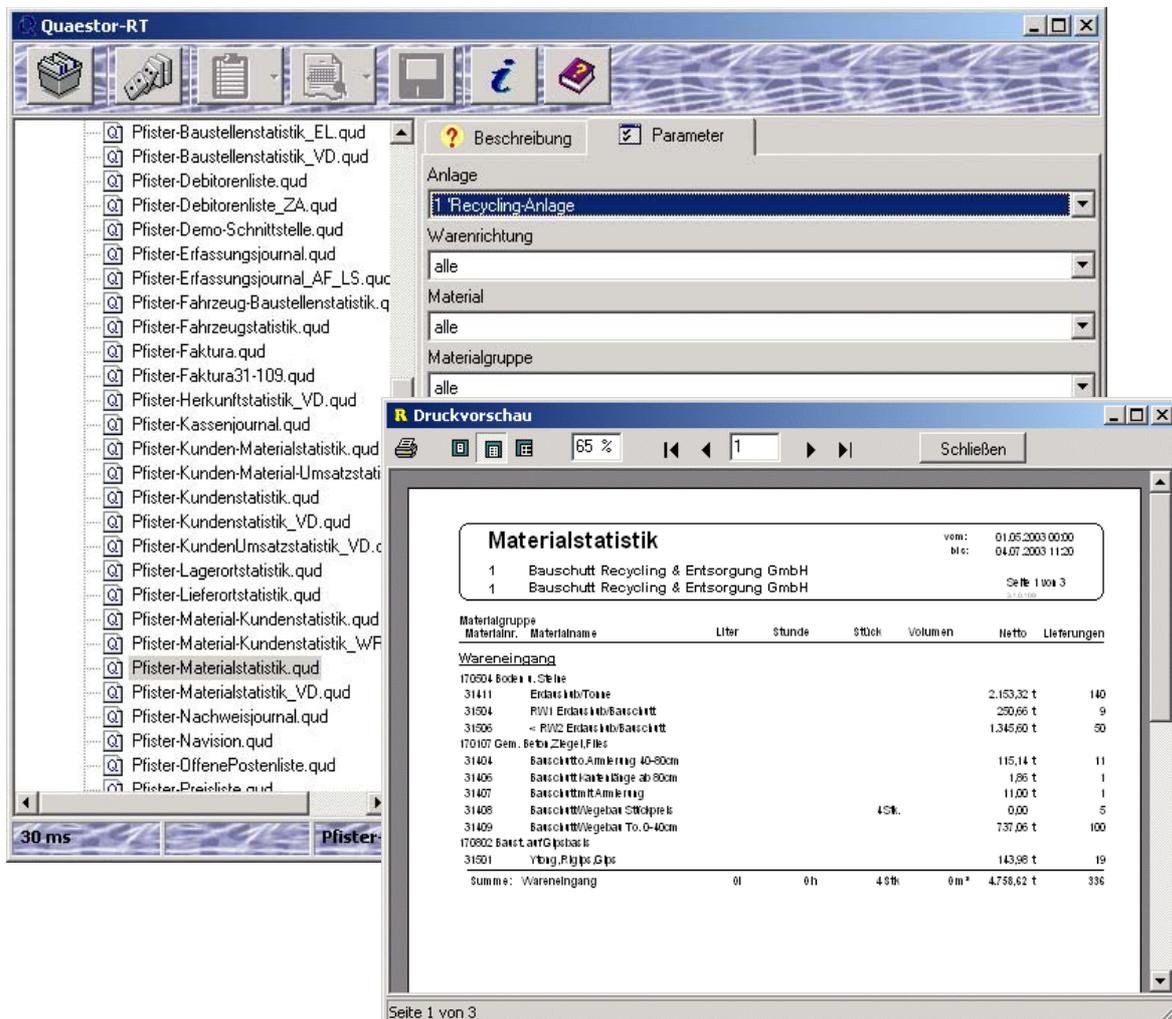
- Price lists, client, customer, site, destination price lists
- Cash points
- Test price fixing



#### Statistics

All weighing details are saved at the end of the process so that data may be evaluated at any time.

Selective evaluations may be drafted based on a suitable selection of statistics parameters. These may be written into a file for further processing of such data or transferred to MS Excel via the intermediate memory.



## Invoices

The invoicing function cashes up the document types „delivery note“ and „wholesale weighing“ according to client or system. A differentiation is made between group and individual invoices and credit notes.

Selection options for creating group invoices include: system, end of invoicing period (document date), goods direction, site, destination, material group, customer group and invoicing interval.

Invoices automatically take the following into consideration

- Type of quantity accumulation (individual note, daily values, invoicing period)
- Price list to be used (destination/origin, site, customer or client price list)
- Date of validity for prices lists with the same name

Created invoices are temporary. They must be completed („Execute“ button). Only then is an invoice or credit note number assigned.

WinWeigh Plus Stammdaten - [Faktura]

Anlage: [1] Bauschutt Recycling & Entsorgung | Geschäftsjahr: 2003 | Rechnungs Nr.: | Lfs. Nr.:

Rechnungskennung: alle | Rechnungsempfänger:

Erstelldatum von: .. | bis: .. | Abrechnungsende: | NUR In Arbeit | NICHT In Arbeit

Rechnungs Nr.	In Arbeit	Storniert	Rechnungskennung	R.empf.Krzl.	Rechnungsempfänger	Debitorkon.	Kasse	Valutadatum	Anz. GS	Druckstatus	Abr.ende	Skonto %	Nettob.
000001	Nein (0)	Nein (0)	Gutschrift	10101	Reithelshöfer			04.07.2003	0	nicht gedruckt			
001136	Nein (0)	Nein (0)	Barrechnung				Hauptkasse	23.05.2003	0	nicht gedruckt			1
001135	Nein (0)	Ja (1)	Barrechnung				Hauptkasse	23.05.2003	0	nicht gedruckt			1.4
001134	Nein (0)	Ja (1)	Barrechnung				Hauptkasse	23.05.2003	0	nicht gedruckt			
Temporär	Ja (1)	Nein (0)	Sammelrechnung	10563	Werning			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	1.2
Temporär	Ja (1)	Nein (0)	Sammelrechnung	10562	Kammerer Bau			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	1.1
Temporär	Ja (1)	Nein (0)	Sammelrechnung	10543	Sperber KG			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	
Temporär	Ja (1)	Nein (0)	Sammelrechnung	10515	Gilch Werner			19.05.2003	0	nicht gedruckt	19.05.2003		
Temporär	Ja (1)	Nein (0)	Sammelrechnung	10477	Privat			19.05.2003	0	nicht gedruckt	19.05.2003		
Temporär	Ja (1)	Nein (0)	Sammelrechnung	10471	Ochs			19.05.2003	0	nicht gedruckt	19.05.2003		1
300603	Nein (0)	Nein (0)	Sammelrechnung	10423	Schultheiß			19.05.2003	0	nicht gedruckt	19.05.2003		4
300604	Nein (0)	Nein (0)	Sammelrechnung	10347	Sauer			19.05.2003	0	nicht gedruckt	19.05.2003		
300605	Nein (0)	Nein (0)	Sammelrechnung	10338	Umweltschutz Süd			19.05.2003	0	nicht gedruckt	19.05.2003	3 %	19.2
300606	Nein (0)	Nein (0)	Sammelrechnung	10333	Hausmann Peter			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	1
300607	Nein (0)	Nein (0)	Sammelrechnung	10330	Lang Georg			19.05.2003	0	nicht gedruckt	19.05.2003		
300608	Nein (0)	Nein (0)	Sammelrechnung	10294	Funk			19.05.2003	0	nicht gedruckt	19.05.2003		
300609	Nein (0)	Nein (0)	Sammelrechnung	10291	Große Jörg GmbH			19.05.2003	0	nicht gedruckt	19.05.2003		2
300610	Nein (0)	Nein (0)	Sammelrechnung	10270	Meyer Jürgen			19.05.2003	0	nicht gedruckt	19.05.2003		7
300611	Nein (0)	Nein (0)	Sammelrechnung	10264	Haag Jürgen			19.05.2003	0	nicht gedruckt	19.05.2003		
300612	Nein (0)	Nein (0)	Sammelrechnung	10261	Keil			19.05.2003	0	nicht gedruckt	19.05.2003		
300613	Nein (0)	Nein (0)	Sammelrechnung	10258	Züblin			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	3
300614	Nein (0)	Nein (0)	Sammelrechnung	10256	Karl Alfons			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	6
300615	Nein (0)	Nein (0)	Sammelrechnung	10234	Winner Franz			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	2
300616	Nein (0)	Nein (0)	Sammelrechnung	10219	Sieber GmbH			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	3
300617	Nein (0)	Nein (0)	Sammelrechnung	10210	Schutt Karl			19.05.2003	0	nicht gedruckt	19.05.2003	2 %	1

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### **In a nutshell:**

**Winweigh Plus** is the latest development by Pfister Waagen Bilanciai for the static weighing of vehicles in the weighing program sector.

Due to extensive configuration options of **Winweigh Plus** the necessary functions are supplied in an easy way. Customer or task-specific adaptations are separated from the standard thus assuring update capability.

Due to client / server architecture, **Winweigh Plus** may be implemented both as an individual and multi-station system.

The module concept permits the use of further models at any time. The weighing pattern with its floe technique permits the design of application-optimised weighing masks characterised by a clear structure, sequence-oriented entry processes, size scaling and validation of entry data.

All forms, tabs, floes and user functions may be operated or accessed via key combinations.



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