

USER MANUAL

Labeling Software

LABEL-2020



- Barcodes
- Numbering functionality
- Graphics
- Automatic cutting device
- Connection to electronic balances
- Connection to other applications

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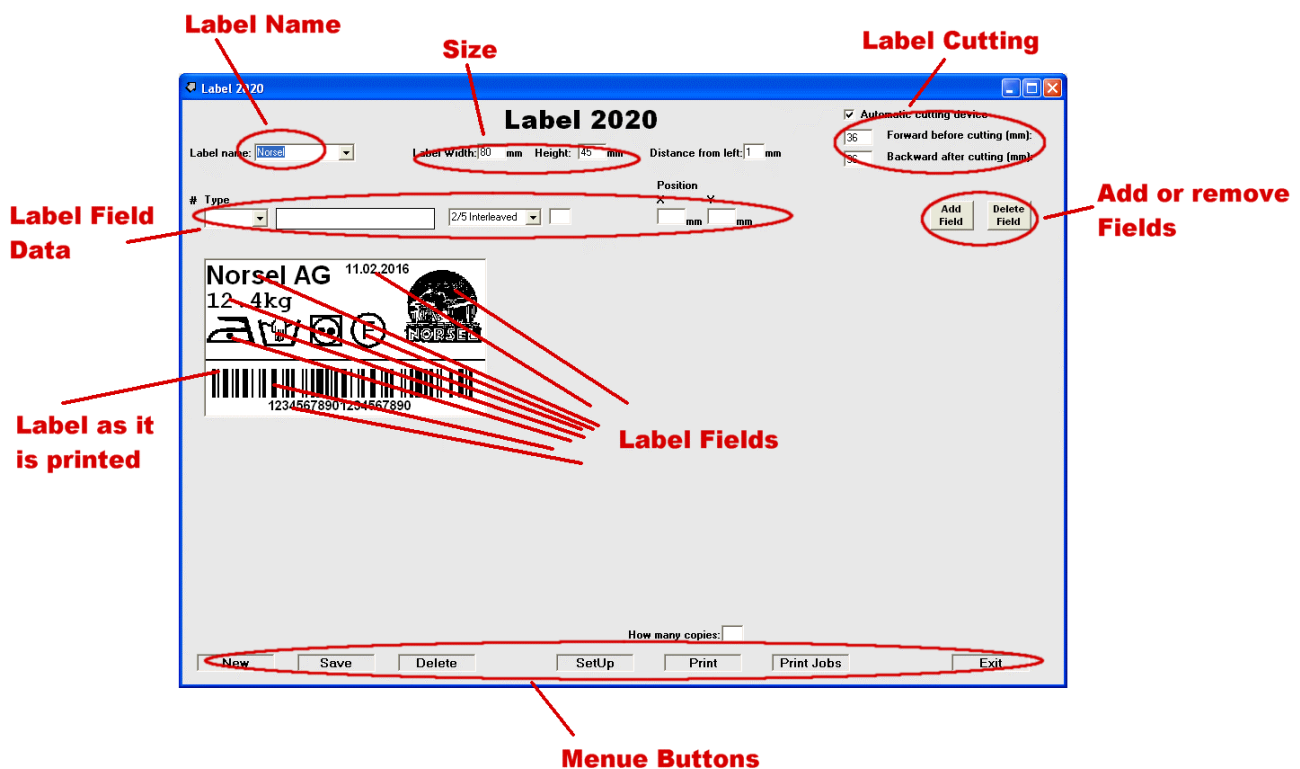
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Software Description

1. General

When the program is started, the last label, that was worked on, is shown.
If it is started the first time, the Norsel demo label is loaded.

The screenshot shows the 'Label 2020' software window. At the top, the title bar says 'Label 2020'. Below it, the main title 'Label 2020' is centered. The interface includes several input fields and buttons. On the left, there's a 'Label name:' dropdown menu with 'Norsel' selected. Next to it are 'Label Width:' (80 mm) and 'Height:' (45 mm) fields. To the right, 'Distance from left:' (1 mm) is shown. Further right, there's a checked box for 'Automatic cutting device' and two input fields for 'Forward before cutting (mm):' (36) and 'Backward after cutting (mm):' (36). Below these, there's a 'Position' section with 'X' and 'Y' coordinates in mm. A central area displays a preview of a label for 'Norsel AG', dated '11.02.2016', with '12.4kg' and a barcode. The label also features a logo and the text 'NORSEL'. At the bottom, there's a 'How many copies:' field and a row of buttons: 'New', 'Save', 'Delete', 'SetUp', 'Print', 'Print Jobs', and 'Exit'.



2. Printing Text , Barcodes , Graphics / Logos, Weight

Make a new Label

Click on [New] to begin with a new Label

The screenshot shows the 'Label 2020' software window. At the top, the title bar says 'Label 2020'. Below it, the main title 'Label 2020' is centered. On the right, there is a checkbox for 'Automatic cutting device' which is checked. Below this, there are two input fields for 'Forward before cutting (mm):' and 'Backward after cutting (mm):', both set to '36'. On the left, there is a 'Label name:' dropdown menu. In the center, there are input fields for 'Label Width: 80 mm', 'Height: 45 mm', and 'Distance from left: 1 mm'. Below these, there is a section for adding fields. It includes a table with columns '#', 'Type', 'X', and 'Y'. The first row is empty. To the right of the table, there is a 'Text' button and a 'Fonts' button. Below the table, there is a large white rectangular area representing the label. At the bottom, there is a 'How many copies:' input field. Below that, there are several buttons: 'New' (circled in red), 'Save', 'Delete', 'SetUp', 'Print', 'Print Jobs', and 'Exit'.

Choose a new Label name , type in a text and define the X- Y- position of this text.
Then click [Add Field]

The screenshot shows the 'Label 2020' software window after adding a field. The 'Label name:' dropdown now shows 'MyLabel'. The 'Label Width: 80 mm', 'Height: 45 mm', and 'Distance from left: 1 mm' are still the same. In the table, the first row now has '# 1', 'Type Text', 'X 10.0 mm', and 'Y 0.0 mm'. The 'Text' button is now disabled. The 'Add Field' button is circled in red. The large white rectangular area now shows the text 'My Company' in red. The 'How many copies:' input field is still empty. The buttons at the bottom are the same as in the previous screenshot.

The text 'My Company' is shown on the label.
The red color indicates that this text is currently edited.

If you want to change the text, simply change it in the Field above the Label.

Move the Text with the Mouse

Click onto the Text on the Label and keep the left Mouse Button pressed.
Now you can move the Text until you release the left Mouse Button.
While moving, the X- and Y-Position Field are updated.

The screenshot shows the 'Label 2020' software window. At the top, the title bar says 'Label 2020'. The main title is 'Label 2020'. Below the title, there are input fields for 'Label name: MyLabel', 'Label Width: 80 mm', 'Height: 45 mm', and 'Distance from left: 1 mm'. To the right, there are checkboxes for 'Automatic cutting device' (checked), 'Forward before cutting (mm): 36', and 'Backward after cutting (mm): 36'. Below these, there is a table with columns '#', 'Type', 'Text', 'Position X', 'Position Y', and 'ABC'. The first row has '# 1', 'Type Text', 'Text Norsel AG', 'Position X 26.0 mm', 'Position Y 5.5 mm', and 'ABC Text Fonts'. The 'Text' field 'Norsel AG' is circled in red. Below the table, there is a preview area showing a white rectangle with the text 'Norsel AG' in red. At the bottom, there are buttons for 'New', 'Save', 'Delete', 'SetUp', 'Print', 'Print Jobs', and 'Exit'. A 'How many copies:' field is also present.

Add Field with the Mouse

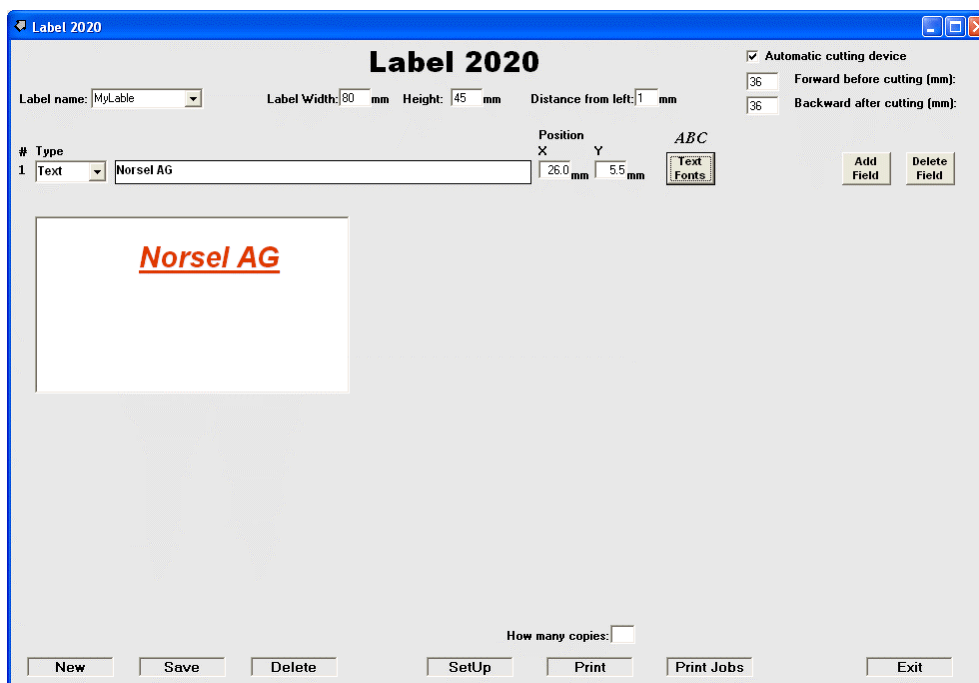
An other way to add a new Field onto the Label is done with the Mouse.

Move the Mouse to where you want to have the next Text, Barcode, Image, etc.
Then double-click on this position.

The screenshot shows the 'Label 2020 - Demo' software window. At the top, the title bar says 'Label 2020'. The main title is 'Label 2020 - Demo'. Below the title, there are input fields for 'Label name: MyLabel', 'Label Width: 60 mm', 'Height: 40 mm', and 'Distance from left: 1 mm'. To the right, there are checkboxes for 'Automatic cutting device' (checked), 'Forward before cutting (mm): 36', and 'Backward after cutting (mm): 36'. Below these, there is a table with columns '#', 'Type', 'Text', 'Position X', 'Position Y', and 'ABC'. The first row has '# 1', 'Type Text', 'Text Norsel AG', 'Position X 8.0 mm', 'Position Y 14.5 mm', and 'ABC Text Fonts'. The second row has '# 2', 'Type Text', 'Text NewText', 'Position X', 'Position Y', and 'ABC'. The 'Text' field 'NewText' is circled in red. Below the table, there is a preview area showing a white rectangle with the text 'Norsel AG' in black and 'NewText' in red. At the bottom, there are buttons for 'New', 'Save', 'Delete', 'SetUp', 'Print', 'Print Jobs', and 'Exit'. A 'How many copies:' field is also present.

The standard 'NewText' is inserted at this position and can then be changed as you like.

Click on [Text Fonts] and then select the size and Font that you want.



Click on [Add Field] and then click on the [Type] Field and select [Barcode]
Type in the Barcode-No into the Text Field and select the Barcode Type you want.

Change the Size and Height of the Barcode.
Move the Barcode to the right Position with the Mouse or by typing in the X- Y-Position .

Label 2020


Label name: Label Width: mm Height: mm Distance from left: mm

Type Barcode: Size (1..9) Height Position X Y
 2 Barcode 123456 Code128 4 8 3.0 mm 11.0 mm

☒ Automatic cutting device
 Forward before cutting (mm):
 Backward after cutting (mm):

Add Field Delete Field

Norsel AG



How many copies:

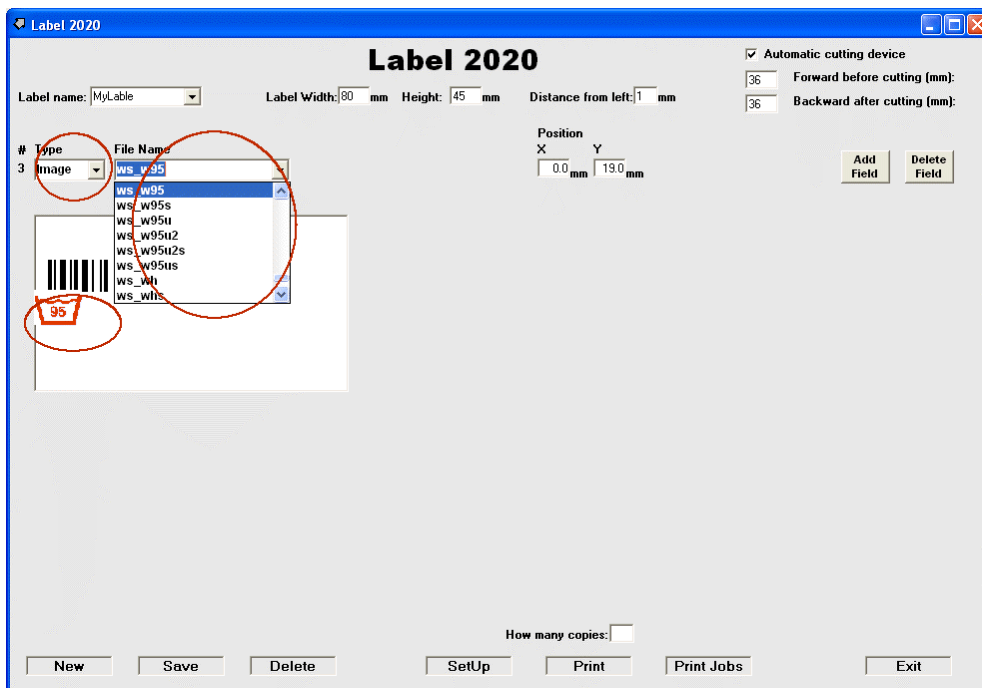
New Save Delete SetUp Print Print Jobs Exit

Add an Image

Click on [Add Field] and then click on the [Type] Field and select [Image]

Click on the 'File Name' Field and select the Image you want.

Move the Image to the right Position with the Mouse or by typing in the X- Y-Position .



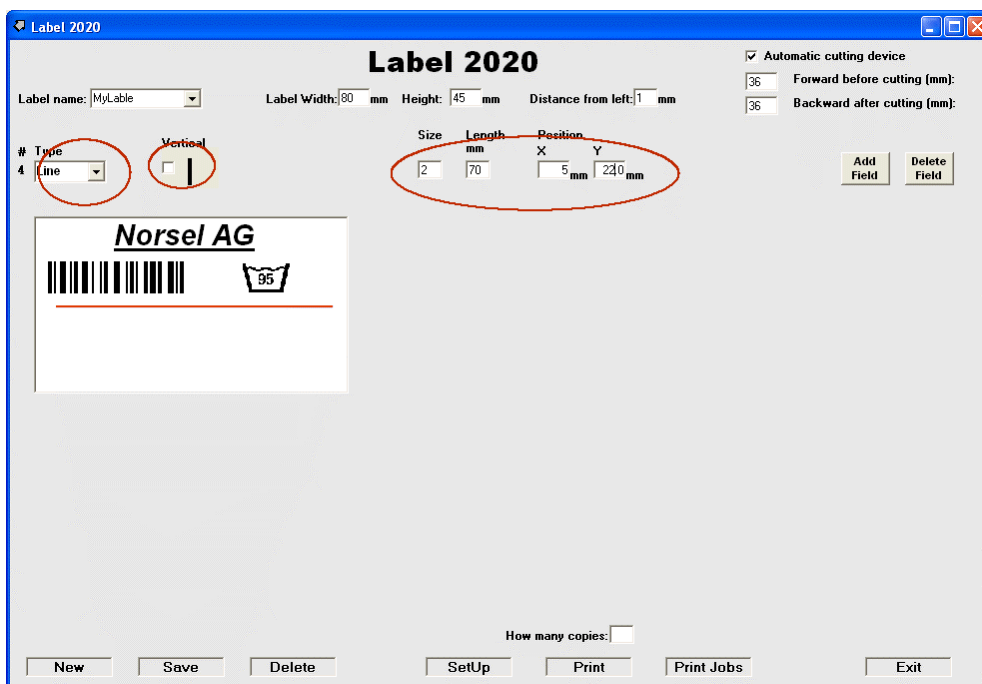
Add a Line

Click on [Add Field] and then click on the [Type] Field and select [Line]

Type in the Size (points) and the Line Length (mm).

Mark the [Vertical] Field, if needed.

Move the Line to the right Position with the Mouse or by typing in the X- Y-Position .



Special Functions

Self-incrementing numbers:

If you set ++ directly behind a number, this number is automatically incremented by one after each print.

Example: 'Piece n° 471104++ ==> Piece n° 471105++

This is valid for Text Fields and for Barcode Fields.

Weight

When an electronic weighing scale is connected, the weight is read and printed. The text <WEIGHT> is replaced by the actual scale value (e.g. 12.4)

Time Stamp

The text <TIMESTAMP> is replaced by the time (e.g. "10:47")

Time

The text <TIME> is replaced by the time in local format (e.g. "13:47:20" , "01:47:20 pm")

Date

The text <DATE> is replaced by the date in local format

<DATE> and <TIME> are displayed according to the Windows configuration.

The screenshot shows the 'Label 2020' software window. At the top, the title bar says 'Label 2020'. Below it, the main title 'Label 2020' is centered. On the left, there's a 'Label name:' dropdown menu with 'MyLabel' selected. To the right of this are input fields for 'Label Width: 80 mm', 'Height: 45 mm', and 'Distance from left: 1 mm'. Further right, there's a checked box for 'Automatic cutting device' and two input fields for 'Forward before cutting (mm): 36' and 'Backward after cutting (mm): 36'. Below these are two buttons: 'Add Field' and 'Delete Field'. In the center, there's a table with columns for '#', 'Type', 'Position X', 'Position Y', and 'ABC'. The first row shows '# 5', 'Type Text', 'Position X 49.0 mm', 'Position Y 10.5 mm', and 'ABC <WEIGHT>g'. The text '<WEIGHT>' is circled in red. Below the table, there's a preview of a label. The label contains the text 'Norsel AG', the date '11.02.2016' and time '16:29:59', a barcode with the number '123456' below it, and a red circle containing the text '12.4kg'. At the bottom of the label preview are three icons: a washing machine, a dryer, and a circle with the letter 'F'. At the bottom of the software window, there's a 'How many copies:' input field and several buttons: 'New', 'Save', 'Delete', 'SetUp', 'Print', 'Print Jobs', and 'Exit'.

Printing 2 Labels for both Ends of Rolls

This example shows how to print 2 Labels at once, with the same numbers on both Labels, so you can attach one Label at the beginning of a roll and one Label at the end.

First, create a Label that you want to attach at the Start and give it a name, that has '-Start' at the end

The screenshot shows the 'Label 2020' software window. The title bar says 'Label 2020'. The main area has a large 'Label 2020' header. Below it, the 'Label name:' field is set to 'Norsel-Start' and is circled in red. To the right, 'Label Width:' is 60 mm and 'Height:' is 20 mm. Below the name field, the '# Type' dropdown is set to 'Text'. At the bottom, a preview of the label is shown with the text 'Norsel AG', a barcode, the number '123462', and the text 'Start of Roll'.

Then create a Label that you want to attach at the End and give it a name, that has '-End' at the end

The screenshot shows the 'Label 2020' software window. The title bar says 'Label 2020'. The main area has a large 'Label 2020' header. Below it, the 'Label name:' field is set to 'Norsel-End' and is circled in red. To the right, 'Label Width:' is 60 mm. Below the name field, the '# Type' dropdown is set to 'Text'. At the bottom, a preview of the label is shown with the text 'Norsel AG', a barcode, the number '123462', and the text 'End of Roll'.

Now, when you print the Start-Label then the End-Label will be printed automatically afterwards. The self-incrementing numbers will be set for both Labels.

Making your own Images, Graphics, Logos

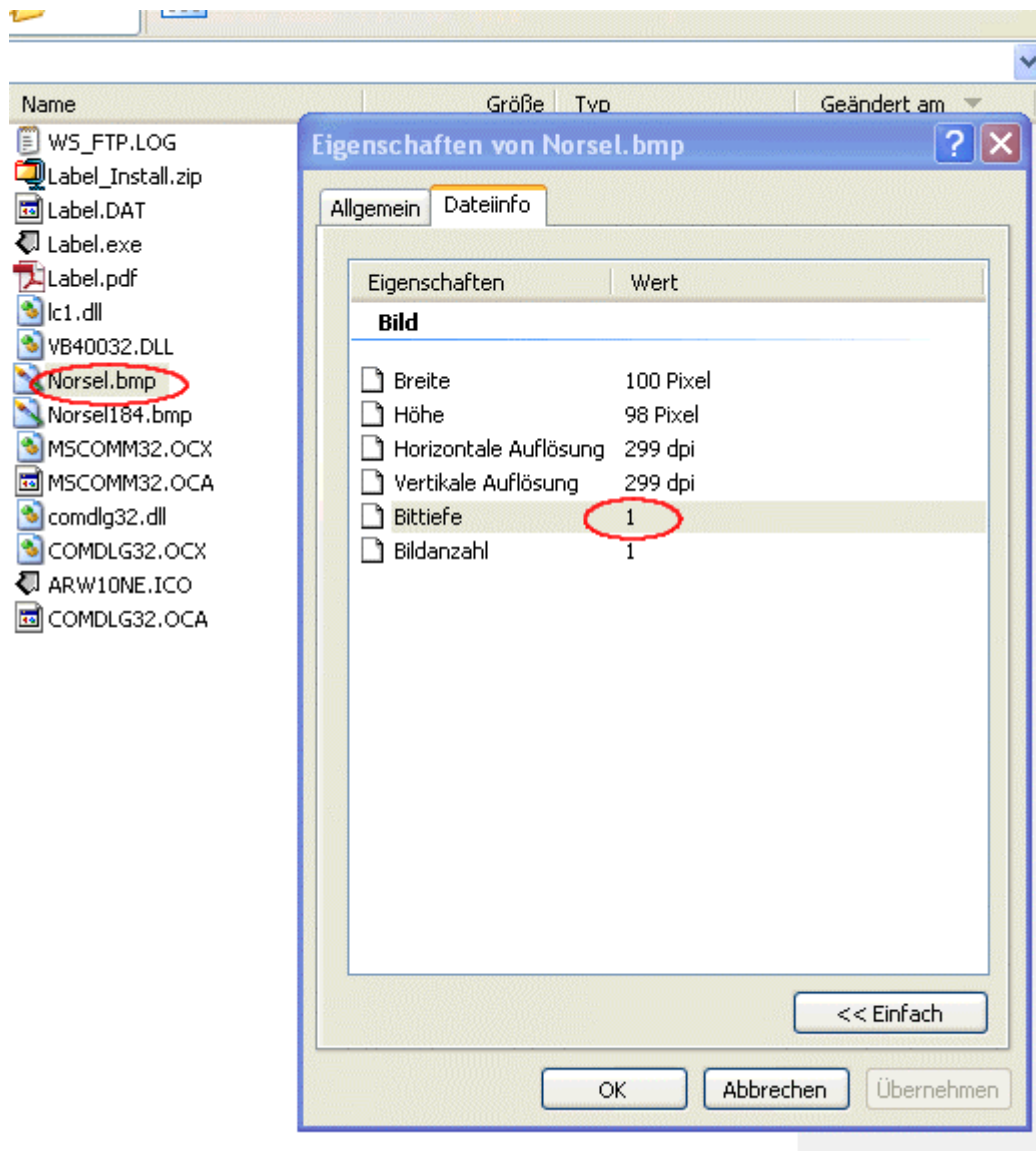
The graphic files must be in "Bitmap-Format" (.bmp) black/white with no color or grey tones. They must be located in the installation folder of the label software or in the one defined as "Location of Import Files"

Steps for creating graphic files for the Label software:

1. Start your Image Processing software (e.g. Photoshop, etc.)
2. Edit your image file and adjust size etc.
3. Convert the image to black/white i.e. with 1-bit monochrome color depth
4. Save the image as an Windows Bitmap file (.bmp)

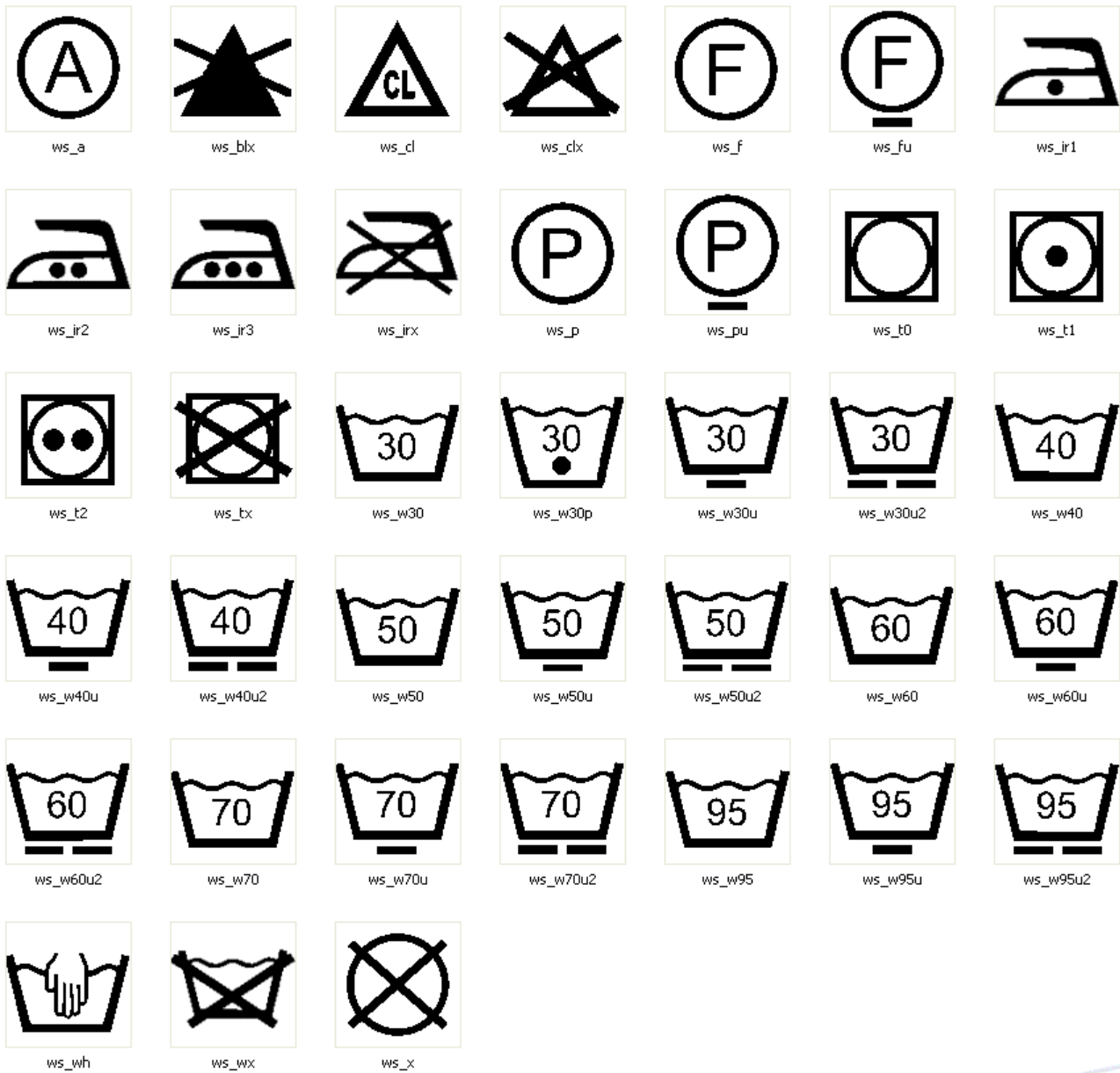
You may check, if your image file is OK, when you start Windows Explorer and right-click on the file and select 'File properties'

The color depth must be set to '1'



2.1 Graphic symbols included

Washing symbols (big) , Height: ca. 10 mm



Washing symbols (small) , Height: ca. 6 mm

The name of the symbols is the same as before, but with a 's' attached at the end.



ws_as



ws_cls



ws_clxs



ws_fs



ws_fus



ws_ir1s



ws_ir2s



ws_ir3s



ws_irxs



ws_ps



ws_pus



ws_t0s



ws_t1s



ws_t2s



ws_txs



ws_w30s



ws_w30u2s



ws_w30us



ws_w40s



ws_w40u2s



ws_w40us



ws_w50s



ws_w50u2s



ws_w50us



ws_w60s



ws_w60u2s



ws_w60us



ws_w70s



ws_w70u2s



ws_w70us



ws_w95s



ws_w95u2s



ws_w95us



ws_whs



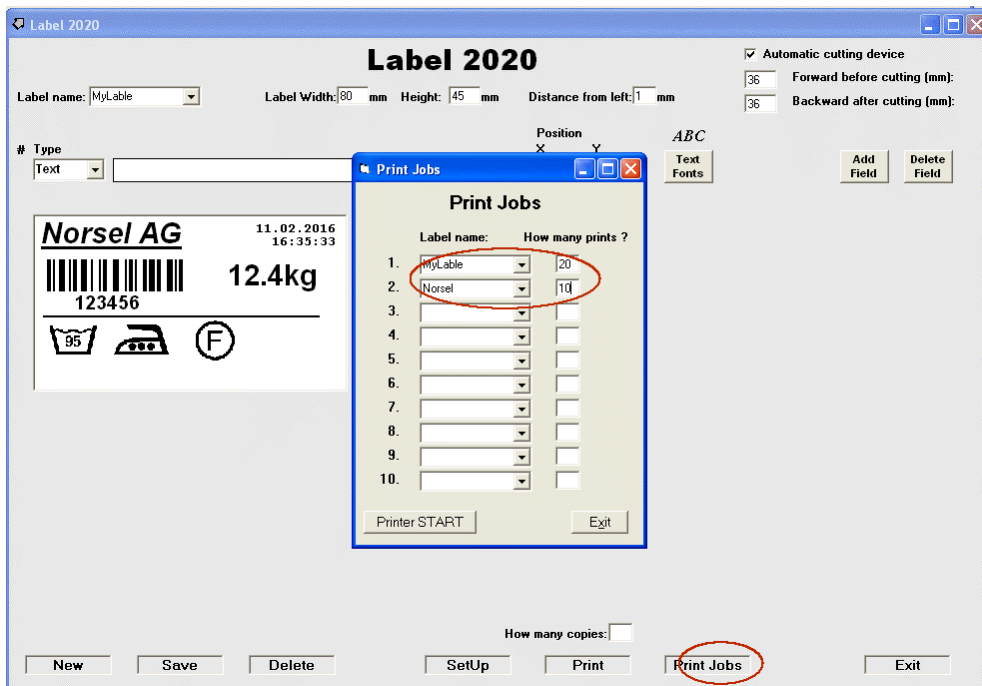
ws_wxs



ws_xs

3. PRINT JOBS / Batch Printing

Here you define, which label is to be printed how many times.



You can cancel the printing with [Exit] at any time.
(you might turn the printer off and on to stop the printing of buffered labels)

Before printing, make sure the printer is on line and there is enough label material.

4. SET UP

- Scales Model:** When using an electronic weighing machine (provided by Norsel), please define here
Supported Models are from METTLER-TOLEDO , DINI ARGEO and ESSAE
- Scales Port:** the model and where it is connected (usually COM1).
- Printer:** Choose the Windows printer here.
- Printer Port:** The port where the printer is connected (USB , LPT1 , LPT2 , LPT3).
- Thermotransfer Settings:** Following data are used, when printing with a thermotransfer printer.
- Density:** Darkness of the printout.
- Speed:** Printing speed
- Note: You may adjust density and speed to get best results for the printout

- Data Connection:** When combining the LABEL software with other software (e.g. ERP systems, remote control via Intranet, Tablets etc.) choose here, how the data are transferred (via Databases or text files)
Please refer to section. 6 (Connecting with other software)

The screenshot displays the 'Label 2020' software interface. A 'SET UP' dialog box is open, showing various configuration options. The 'Scales Model' is set to 'METTLER-TOLEDO' and the 'Scales Port' is 'COM1'. The 'Printer' is 'TSC TTP-247' and the 'Printer Port' is 'USB'. Under 'Thermotransfer Settings', 'Density' is 11 (light to dark slider) and 'Speed' is 4 (slow to fast slider). The 'Continuous label' option is selected, with 'Black line' and 'Gap control' options below it. The 'Data connection' is set to '(None)'. The 'Location of Files' is '\SERVER0017\Label\'. There are checkboxes for 'Automatic cutting device', 'Forward before cutting (mm)', and 'Backward after cutting (mm)'. A 'Test Connection' button is present. The background shows a preview of a label with 'Norsel AG' and a barcode.

Label 2020

Label name: MyLabel

Type
Text

Norsel AG
123456

SET UP

Automatic cutting device ☒

Forward before cutting (mm):
Backward after cutting (mm):

Add Field Delete Field

Scales Model: METTLER-TOLEDO Scales Port: COM1

Printer: TSC TTP-247 Printer Port: USB

Thermotransfer Settings

Density = 11 light dark
Speed = 4 slow fast

☒ Continuous label ☐ Black line ☐ Gap control
3 mm 3 mm

Data connection: (None)

Location of Files
\\SERVER0017\Label\ Change

☐ Create EXPORT file when label is printed

ODBC Connection String
DSN=OracleUID=LABEL,PwD=**** Test Connection
(Example: DSN=OracleUID=LABEL,PwD=label)

Save Exit

How many copies: 1

New Save Delete SetUp Print Print Jobs Exit

5. DATA BACKUP

The folder, where the label software is installed, should be included into your routine backup procedure

6. Connecting with other Software

(There are some **video tutorials** on www.norsel.com)

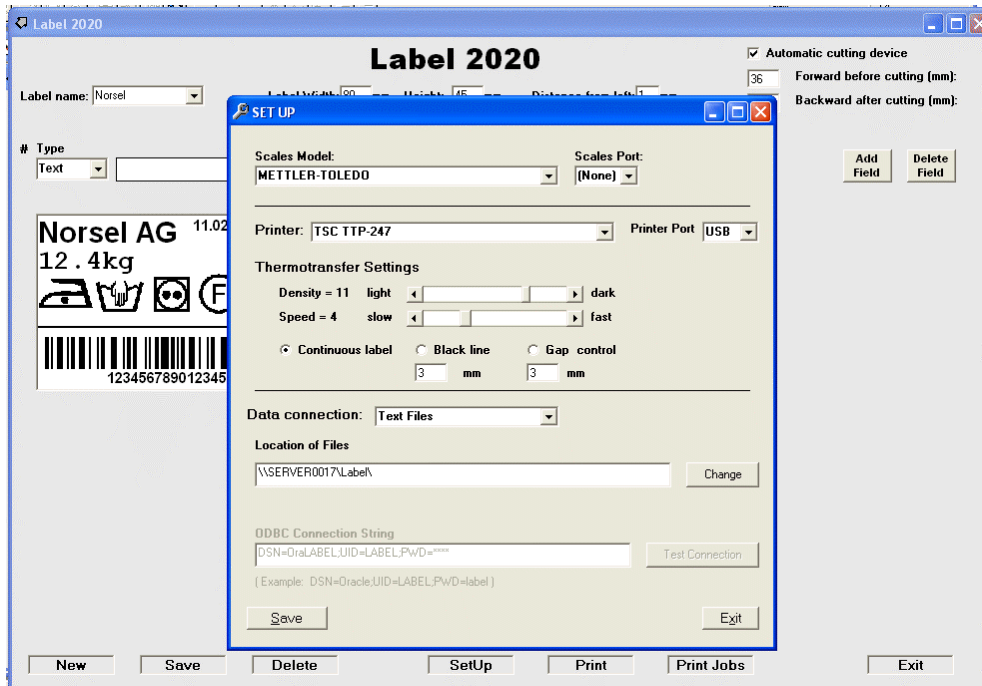
The LABEL software can be combined with other software , e.g. ERP systems, Data Warehouse, or any other software that can write data to text files or into data bases.

So you can start the LABEL printing from within the other Software.

Also you can change the Field Data of the Label from within the external Software.

6.1 Data Connection by Text Files

In the [Setup] program select 'Text Files' in the Data connection field



The LABEL software will check continuously, if there is a IMPORT text file in the folder where the LABEL software is installed.

If the text files are stored in another location, you can define this in the **Location of Files** field. By clicking on [Change] you can browse through your computer environment

When **Create EXPORT file when label is printed:** is marked, there will be written a file under the same location, that contains the label text data.

Format of the IMPORT Text Files

The files are plain ASCII text files and must have the word 'IMPORT' in the file name (e.g. NORSEL-IMPORT.TXT)

The data are written in lines

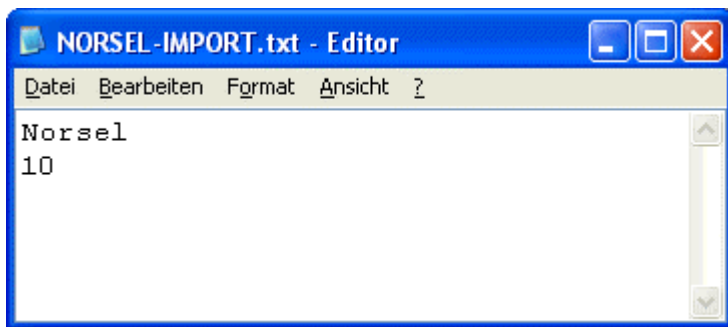
- Line 1: Name of the label as used in the LABEL program.
- Line 2: Quantity of labels to be printed.
- Line 3, Line 4, ... etc All other lines may contain Data of Label Fields (see below)

When such a file exists, the program reads it, the labels are printed and afterwards the file is deleted.

Example 1:

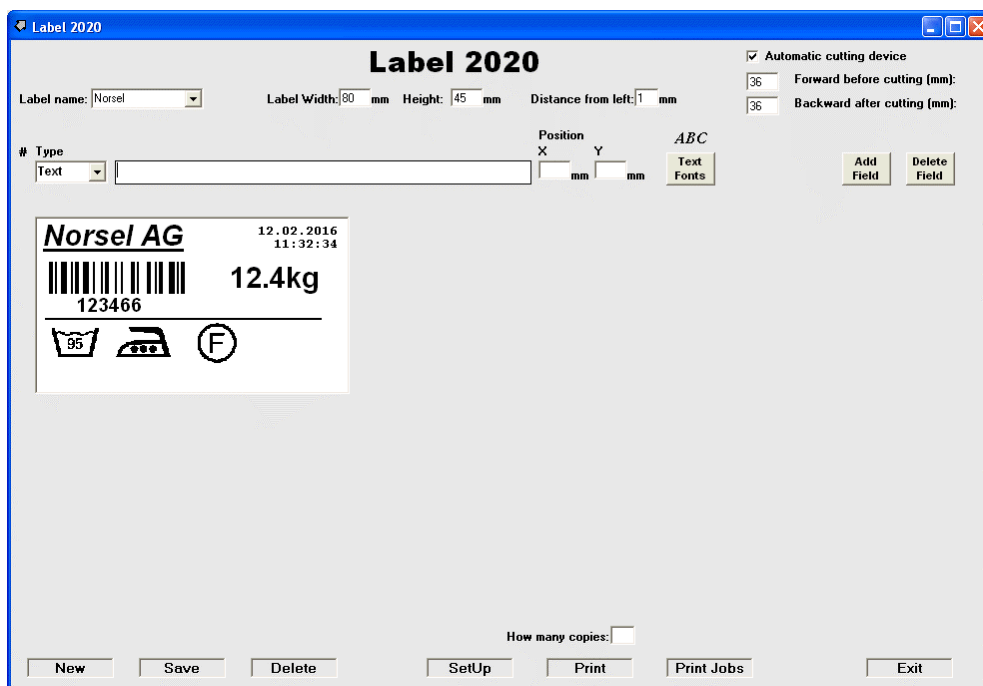
Print 10 Labels

Open a Text Editor (e.g. Windows NOTEPAD) and write these 2 Lines
and save this Text File as NORSEL-IMPORT.TXT



Norsel = name of the label
10 = Print 10 labels

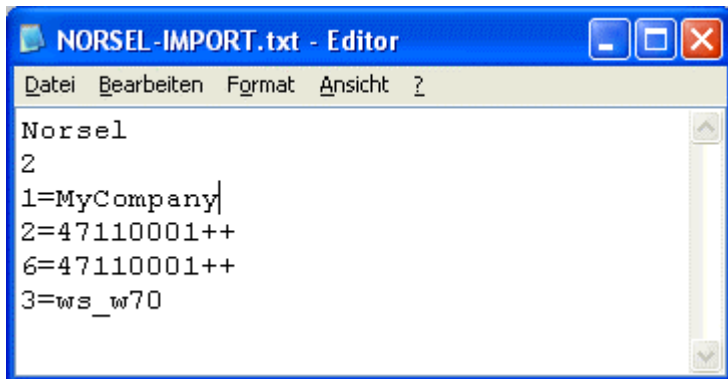
Immediately after that, the Norsel Label will be printed 10 times
The self-incrementing numbers will go from 123456, 123457,.. to 123465



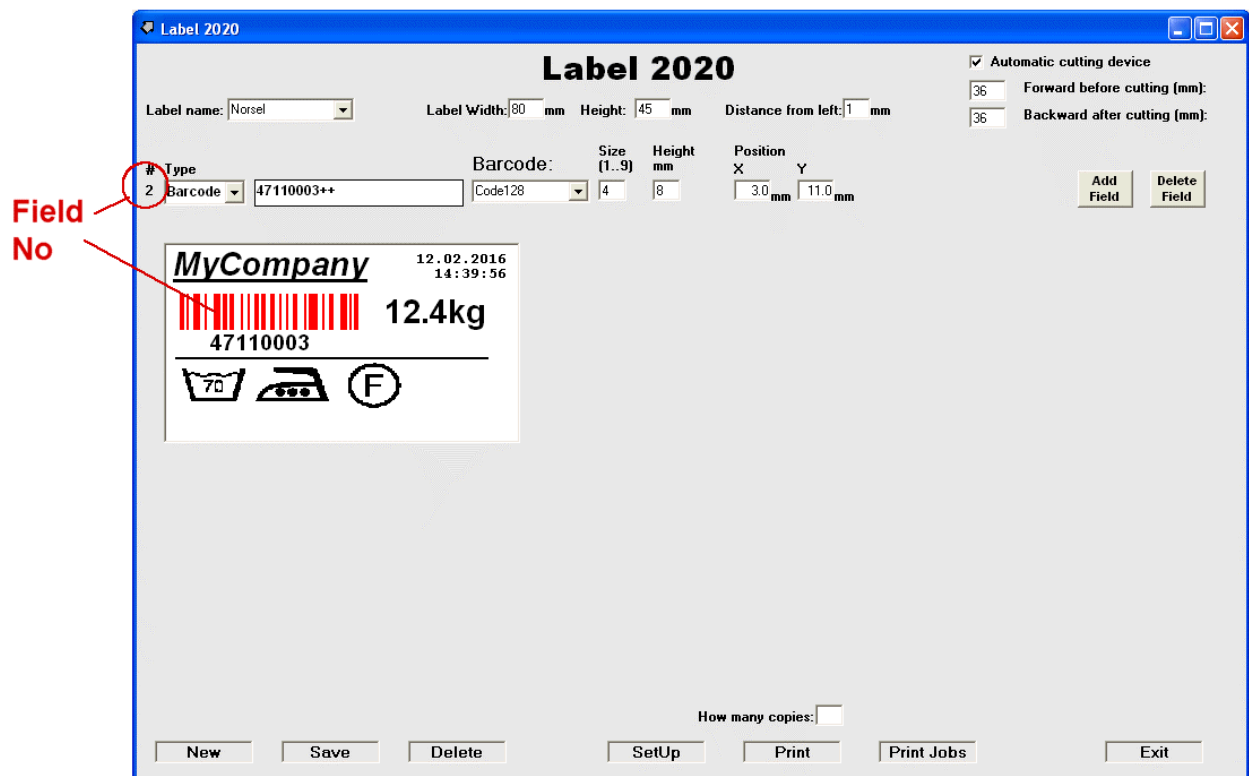
Example 2:

Print Label and change Text , Barcode Number an Image

Open a Text Editor (e.g. Windows NOTEPAD) and write these 2 Lines and save this Text File as NORSEL-IMPORT.TXT



Norsel	= name of the label
2	= Print 2 Labels
1=MyCompany	= Replace Field #1 with the Text 'MyCompany'
2=47110001++	= Replace Field #2 (Barcode) with 47110001
6=47110001++	= Replace Field #6 (Number under Barcode) with 47110001
3=ws_w70	= Replace Field #3 (Washing Symbol 95°) with 70°



The Field No of each Data Field is shown on the left side, when you click on a Field in the Label.

With the Fields #2 and #6 used as self-incrementing Numbers (47110001++)
the Labels will be printed as 47110001 and 47110002

6.2 EXPORT Text Files and EXCEL Files

When activated in the SETUP, data are written into a TEXT File or into an EXCEL File

☒ Write data in TEXT file after label is printed
☒ Write data in EXCEL file after label is printed


Save

Example:

Label 2020
27.12.18

Label name: Label Width: mm

Type

Norsel AG

No: 120028



Mat: Cotton Nm50
Color: Red
Date: 21.12.2018 Kg: 12.4

The resulting TEXT file EXPORT_Norsel.txt is:

```
EXPORT_Norsel.txt - Editor
Datei Bearbeiten Format Ansicht ?

No;Mat;Kg;Date;
120021;Nm50;12.4;21.12.2018;
120022;Nm50;12.4;21.12.2018;
120023;Nm50;12.4;21.12.2018;
120024;Nm50;12.4;21.12.2018;
120025;Nm50;12.4;21.12.2018;
120026;Nm50;12.4;21.12.2018;
120027;Nm50;12.4;21.12.2018;
```

The data are separated by semicolon ';', so they can be easily processed by other software.


The resulting EXCEL file EXPORT_Norsel.xlsx is:


Zwischenablage		Schriftart		Ausrichtung	
A1		X	✓	fx	No
	A	B	C	D	E
1	No	Mat	Kg	Date	
2	120021	Nm50	12,4	21.12.2018	
3	120022	Nm50	12,4	21.12.2018	
4	120023	Nm50	12,4	21.12.2018	
5	120024	Nm50	12,4	21.12.2018	
6	120025	Nm50	12,4	21.12.2018	
7	120026	Nm50	12,4	21.12.2018	
8	120027	Nm50	12,4	21.12.2018	
9					
10					

Label name: Label Width: mm

Type

Norsel AG


No: 120028



Mat: Cotton Nm50
Color: Red
Date: 21.12.2018 Kg: 12.4

The name of the File is EXPORT_ + [Label name] + .txt (=TEXT) or .xlsx (EXCEL)

The data for EXPORT are made with a colon ':'

[Data name] + Colon ':' + [Data] e.g. No:120028

The data are written in the order of the 1.Line.of the TEXT file or EXCEL file

If there is no existing TEXT file or EXCEL file , the LABEL software will create a new one .

Note: You will have to install the Microsoft Excel software for this
Do not open the Excel File on another Computer at the same time.

6.3 Database Connection (Oracle , MySql , Microsoft QL Server)

The LABEL software can be used to print labels by writing data into a database table using the most popular data bases (Oracle, MySql and Microsoft SQL Server).

For the Database Connection , following steps are needed to be done in advance:

- Create a new database user or use an existing login
- Create the table LABEL_OUT
- Install and configure the ODBC driver for the database on the PC where the LABEL software runs.

Create Database User

The user only needs access to the tables LABEL_OUT

The following example (Oracle) code is for documentation purpose and should be adjusted accordingly.

Example code for creating user:

```
CREATE USER LABEL IDENTIFIED BY label;
GRANT CONNECT, CREATE TABLE TO "LABEL";

ALTER USER LABEL
DEFAULT TABLESPACE USERS
QUOTA UNLIMITED ON USERS
TEMPORARY TABLESPACE TEMP
ACCOUNT UNLOCK;
```

Create Database Table

Log in as the new user and create the table LABEL_OUT

Example code

```
CREATE TABLE LABEL_OUT (LABEL_NAME VARCHAR(20), QTY DECIMAL(3,0),
  I1 VARCHAR(100), I2 VARCHAR(100), I3 VARCHAR(100), I4 VARCHAR(100), I5 VARCHAR(100),
  I6 VARCHAR(100), I7 VARCHAR(100), I8 VARCHAR(100), I9 VARCHAR(100), I10 VARCHAR(100),
  I11 VARCHAR(100), I12 VARCHAR(100), I13 VARCHAR(100), I14 VARCHAR(100), I15 VARCHAR(100));
```

Data Base Table

LABEL_OUT

LABEL_NAME	QTY	I1	I2	I3	I4	I5	I6	I7	I8	I9	I10	I11	I12	I13	I14	I15
------------	-----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----

Label_Name is that of a label that is made within the LABEL software

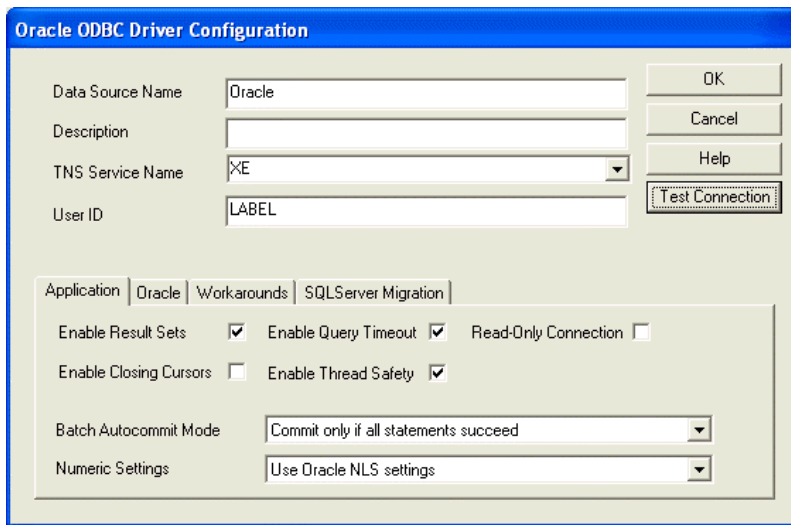
QTY is the amount of labels to be printed

I1, .. I15 are data that can be used within a label

ODBC Driver

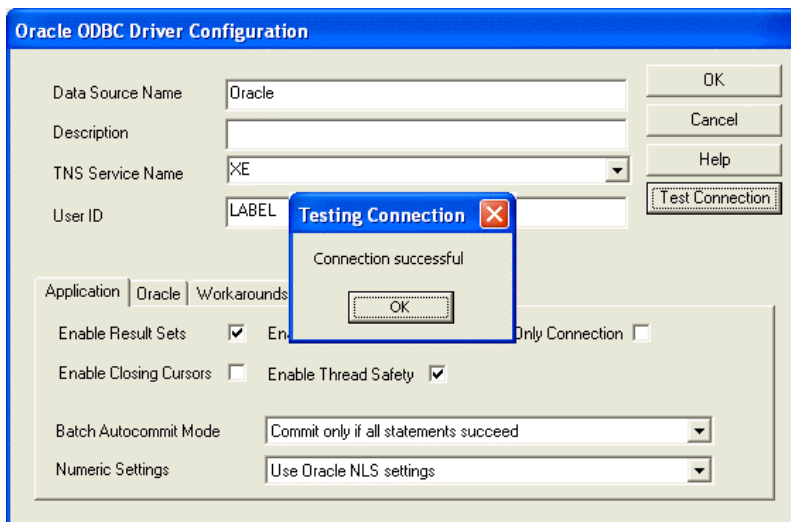
If not already done, install the ODBC database driver on the LABEL PC.

The following is an example for Oracle database. Others are similar.



The screenshot shows the 'Oracle ODBC Driver Configuration' dialog box. It has a blue title bar and a light beige background. At the top, there are four input fields: 'Data Source Name' (containing 'Oracle'), 'Description' (empty), 'TNS Service Name' (containing 'XE'), and 'User ID' (containing 'LABEL'). To the right of these fields are four buttons: 'OK', 'Cancel', 'Help', and 'Test Connection'. Below the input fields is a tabbed interface with three tabs: 'Application' (selected), 'Workarounds', and 'SQLServer Migration'. Under the 'Application' tab, there are several options: 'Enable Result Sets' (checked), 'Enable Query Timeout' (checked), 'Read-Only Connection' (unchecked), 'Enable Closing Cursors' (unchecked), and 'Enable Thread Safety' (checked). At the bottom, there are two dropdown menus: 'Batch Autocommit Mode' (set to 'Commit only if all statements succeed') and 'Numeric Settings' (set to 'Use Oracle NLS settings').

Click on [Test Connection] and use here username and password of the new created user (in this example: 'LABEL' and password: 'label')



This screenshot shows the same 'Oracle ODBC Driver Configuration' dialog box as the previous one, but with a small pop-up window titled 'Testing Connection' in the foreground. The pop-up has a blue title bar and a white background, and it contains the text 'Connection successful' and an 'OK' button. The 'Test Connection' button in the main dialog box is highlighted with a dashed border, indicating it was just clicked.

Configuration settings in the LABEL software

In the LABEL Software, click on [SetUp]

The Setup window contains the following fields and controls:

- Scales Model:** METTLER-TOLEDO (dropdown)
- Scales Port:** (None) (dropdown)
- Printer:** TSC TTP-247 (dropdown)
- Printer Port:** USB (dropdown)
- Thermotransfer Settings:**
 - Density:** 8 (light) to dark (slider)
 - Speed:** 5 (slow) to fast (slider)
 - Continuous label:** ☒ (selected)
 - Black line:** ☐ (3 mm)
 - Gap control:** ☐ (3 mm)
- Data connection:** Data Base Oracle (dropdown)
- Location of Files:** \\Server0017\Export (text field) with a Change button.
- Create EXPORT file when label is printed:** ☒ (checked)
- ODBC Connection String:** DSN=Oracle;LABEL;UID=LABEL;PWD=label (text field) with a Test Connection button.
- Example:** DSN=Oracle;UID=LABEL;PWD=label (text)
- Buttons:** Save, Exit.

Select Data Base as 'Data connexion' and fill in the ODBC Connection String:

Example:

DSN=Oracle;UID=LABEL;PWD=label

DSN=Oracle must match with the Data Source Name, that was used in the ODBC Configuration before.
UID = user name , PWD = Password.

Click on [Save] and then [Test Connection]

The LABEL software tests the connection and the configuration of the data base table

The Setup window shows the ODBC connection test results in a yellow text area:

```
Connecting ODBC.DSN=Oracle;UID=LABEL;PWD=label ... OK
SELECT * FROM LABEL_OUT;
LABEL_NAME | QTY | I1 | I2 | I3 | I4 | I5 | I6 | I7 | I8 | I9 | I10 |
0 Records ... OK
SELECT * FROM LABEL_IN;
LABEL_NAME | DATE_TIME | WEIGHT | LINE1 | LINE2 | LINE3 | LINE4 | LINE5 | LINE6 | LINE7 | LINE8 | U |
1 Records ... OK
```

A small dialog box titled "Label" is displayed in the center, showing "Data Base Connection OK" with an OK button.

The Setup window controls remain visible at the bottom:

- Location of Files:** Select location (text field) with a Change button.
- Create EXPORT file when label is printed:** ☒ (checked)
- ODBC Connection String:** DSN=Oracle;UID=LABEL;PWD=label (text field) with a Test Connection button.
- Example:** DSN=Oracle;UID=LABEL;PWD=label (text)
- Buttons:** Save, Exit.

Example 1:

Print 10 Labels

Log into your Data Base and make a single Table Entry

```
INSERT INTO LABEL_OUT (LABEL_NAME, QTY) VALUES ('Norsel', 10);
```

Norsel = name of the label

10 = Print 10 labels

Immediately after that, the Norsel Label will be printed 10 times

The self-incrementing numbers will go from 123456, 123457,.. to 123465

The screenshot shows the 'Label 2020' software window. The title bar reads 'Label 2020'. The main area is titled 'Label 2020'. On the right, there is a checkbox for 'Automatic cutting device' which is checked. Below it are two input fields for 'Forward before cutting (mm):' and 'Backward after cutting (mm):', both set to 36. The main configuration area includes 'Label name:' with a dropdown menu showing 'Norsel', 'Label Width:' set to 80 mm, 'Height:' set to 45 mm, and 'Distance from left:' set to 1 mm. There is a section for 'Position' with 'X' and 'Y' coordinates in mm, and a 'Text Fonts' button. Below this is a preview of the label. The preview shows 'Norsel AG' with a date and time stamp '12.02.2016 11:32:34', a barcode, the weight '12.4kg', and the number '123466'. At the bottom of the preview are three icons: a paper roll, a printer, and a circle with the letter 'F'. At the bottom of the software window, there is a 'How many copies:' input field and a row of buttons: 'New', 'Save', 'Delete', 'SetUp', 'Print', 'Print Jobs', and 'Exit'.

Example 2:

Print Label and change Text , Barcode Number an Image

Log into your Data Base and make a single Table Entry

```
INSERT INTO LABEL_OUT (LABEL_NAME, QTY, I1, I2, I3, I4)
VALUES ('Norsel', 2, '1=MyCompany', '2=47110001++', '6=47110001++', '3=ws_w70');
```

Norsel	= name of the label
2	= Print 2 Labels
1=MyCompany	= Replace Field #1 with the Text 'MyCompany'
2=47110001++	= Replace Field #2 (Barcode) with 47110001
6=47110001++	= Replace Field #6 (Number under Barcode) with 47110001
3=ws_w70	= Replace Field #3 (Washing Symbol 95°) with 70°

Field No (circled in red) points to the field number '2' in the field configuration table.

The Field No of each Data Field is shown on the left side, when you click on a Field in the Label.

With the Fields #2 and #6 used as self-incrementing Numbers (47110001++)
the Labels will be printed as 47110001 and 47110002

Software Installation

(There is a **video tutorials** on www.norsel.com)

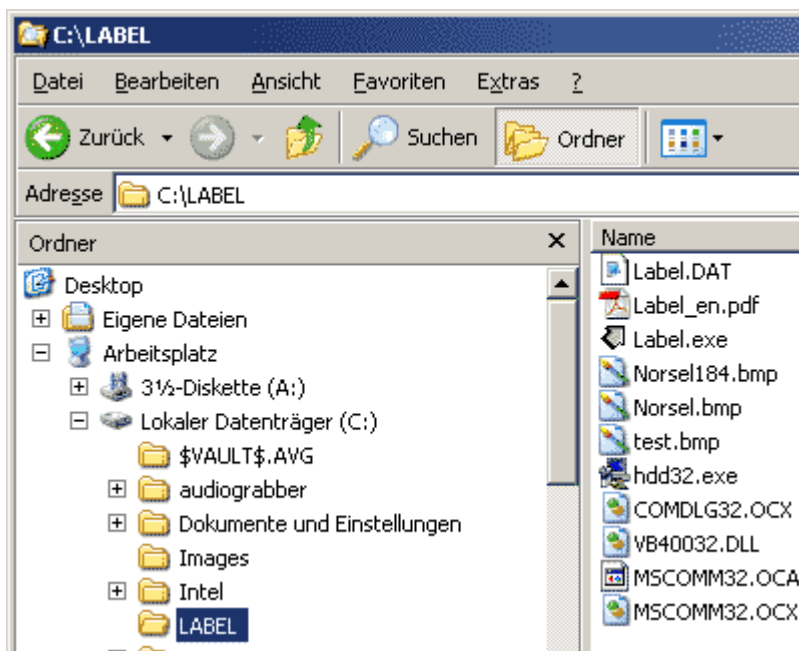
7. Local Installation on a PC

Step 1

Insert the protection key (dongle), that is shipped with the software , into an USB port.

Step 2

Create a local directory (e.g. C:\LABEL) and copy the content of the CD into this directory



Step 3

Download the newest Software Version from

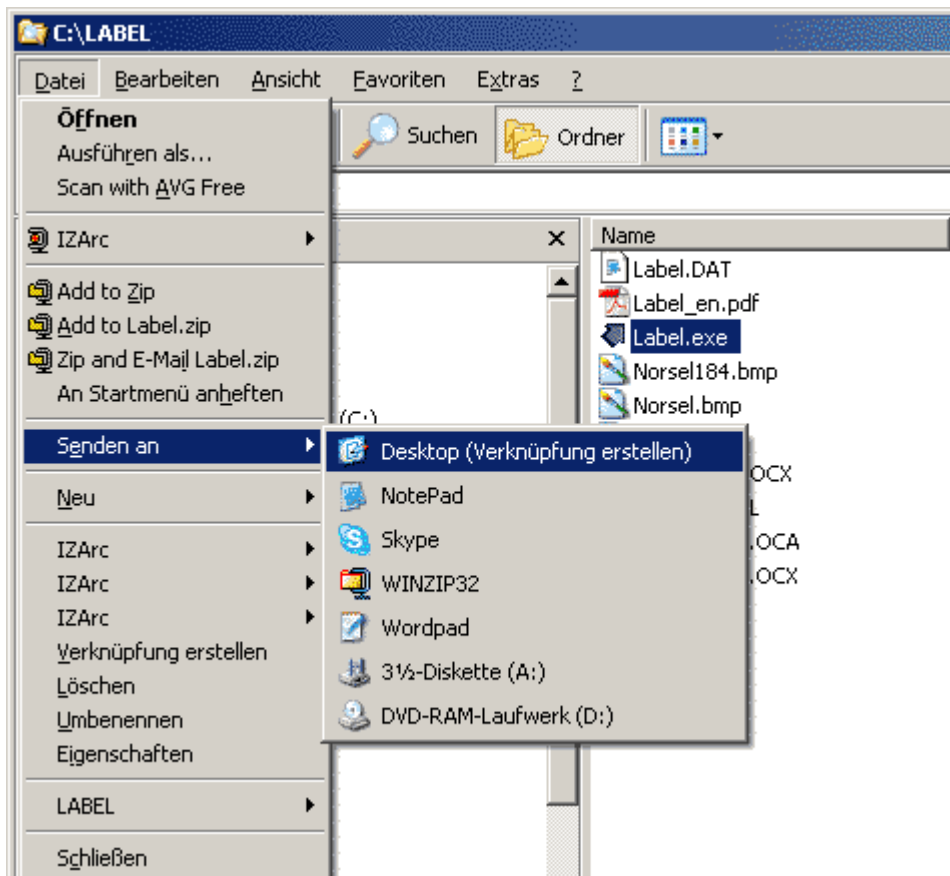
<http://norsel.com/software.htm>

and then extract this .zip File into this directory

Step 4

Create a shortcut of the program onto the desktop, so you can start the LABEL software by clicking on the desktop icon.

(File → Send To → Desktop (Create Shortcut))



Step 5

Start the LABEL Software as Administrator on the first time.
(Right-click on the File Label-2020.exe --> 'Run as Administrator')

Afterwards the Administrator Start mode is not needed anymore.

7.1. Installation in a Network

The downloaded .zip File can also be extracted into a directory on a server and the shortcut may be created as described above.

Be sure this directory is writable by the PC.

The protection key (dongle) has to be plugged into the PC.