

Visual Dolphin

Inventory Posting Procedure

Posting procedure for Visual Dolphin
Inventory

Table of Contents

1	ACCOUNTING LINK.....	4
1.1	COLUMNS DETAILS	4
1.2	LEDGERS PER TRANSACTION TYPE.....	6
1.2.1	Receiving Goods (Pu).....	6
1.2.2	Purchase Return (PR).....	6
1.2.3	Sales (SV).....	6
1.2.4	Sales Return (SR).....	7
1.2.5	Price Protection and Changing Cost Price (PP).....	7
1.2.6	In/Out (io).....	7
1.2.7	Transfer (TW, Ti, To).....	7
1.2.8	Cost of Sales (CS).....	8
1.2.9	Assembly (AV) and Di-Assembly (DV).....	8
2	RECEIVING GOODS.....	9
2.1	INTRODUCTION.....	9
2.2	HEADER	9
2.3	DETAILS	9
2.3.1	Debit.....	9
2.3.2	Credit	11
3	PURCHASE RETURN.....	13
3.1	INTRODUCTION.....	13
3.2	HEADER	13
3.3	DETAILS	13
3.3.1	Debit.....	13
3.3.2	Credit	14
4	SALES.....	15
4.1	INTRODUCTION.....	15
4.2	HEADER	15
4.3	DETAILS	15
4.3.1	Debit.....	15
4.3.2	Credit	17
5	SALES RETURN.....	20
5.1	INTRODUCTION.....	20
5.2	HEADER	20
5.3	DETAILS	20
5.3.1	Debit.....	20
5.3.2	Credit	21
6	PRICE PROTECTION.....	22
6.1	INTRODUCTION.....	22
6.2	HEADER	22
6.3	DETAILS	22
7	CHANGING COST PRICE.....	24
7.1	INTRODUCTION.....	24
7.2	HEADER	24
7.3	DETAILS	24

8	IN - OUT	26
8.1	INTRODUCTION.....	26
8.2	HEADER	26
8.3	DETAILS	26
9	TRANSFER	28
9.1	INTRODUCTION.....	28
9.2	HEADER	28
9.3	DETAILS	29
9.3.1	<i>Debit</i>	29
9.3.2	<i>Credit</i>	29
10	COST OF SALES	31
10.1	INTRODUCTION.....	31
10.2	HEADER	31
10.3	DETAILS	31
10.3.1	<i>Debit</i>	31
10.3.2	<i>Credit</i>	32
11	ASSEMBLY	34
11.1	INTRODUCTION.....	34
11.2	HEADER	34
11.3	DETAILS	34
11.3.1	<i>Debit</i>	34
11.3.2	<i>Credit</i>	35
12	DI-ASSEMBLY	37
12.1	INTRODUCTION.....	37
12.2	HEADER	37
12.3	DETAILS	37
12.3.1	<i>Debit</i>	37
12.3.2	<i>Credit</i>	37

1 Accounting Link

The following table shows for each transaction type the corresponding Ledgers with their figures (Debit – Credit).

1.1 Columns Details

	Pu	PR	SV	SR	io	TW	Ti	To	PP	PP (Chg CP)	CS	AV	DV	SV (Retail)
Purchase	D													
Purchase Disc	C													
Free Purchase	C													
Purchase Return		C												
Purchase Return Disc		D												
Free Purchase Return		D												
Sales			C											
Sales Disc			D											
Free Sales			D											
Sales Return				D										
Sales Return Disc				C										
Free Sales Return				C										
In					D/C									
Out					D/C									
Transfer In						D	D							
Transfer Out						C		C						
Transfer Temp							C	D						

	Pu	PR	SV	SR	io	TW	Ti	To	PP	PP (Chg CP)	CS	AV	DV	SV (Retail)
VAT Grn	D	C												
VAT Sales			C	D										
Cost Price Changing									D/C	D/C				
Sister Co. Sales			C	D										
Sister Co. Purchase	D	C												
Inventory											C			
Cost of Sales											D			
Assembly												D/C	D/C	
Exempted Purchase	D													
Exempted Purchase Disc	C													
Exempted Free Purchase	C													
Exempted Purchase Return		C												
Exempted Purchase Return Disc		D												
Exempted Free Purchase Return		D												
Exempted Sales			C											
Exempted Sales Disc			D											
Exempted Free Sales			D											
Exempted Sales Return				D										
Exempted Sales Return Disc				C										
Exempted Free Sales Return				C										
Exempted Sister Co. Sales			C	D										
Exempted sister Co. Purchase	D	C												

Family: Linking sales, purchases, cost of sales and other modules are based on the family link table; A Company parameter called "Link to Ledger at the level of (Family, Sub-Family, Category)", sets the link if done at the main Family level, at the Sub-Family or at the Category.

In case a family has no accounting linkage, the system uses by default, while posting transaction to accounting, the first family defined in the table.

1.2 Ledgers per Transaction Type

For each transaction type corresponding Ledgers are used. Following is the list of each one of them with the definition of their values.

1.2.1 Receiving Goods (Pu)

1. **Purchase Ledger and Auxiliary** = The Grn's gross amount before any discount + the value of the free quantities.
2. **Purchase Discount Ledger and Auxiliary** = The total discount of the Grn.
3. **Free Purchase Ledger and Auxiliary** = The total value of the free quantities.
4. **VAT Grn Ledger and Auxiliary** = The Grn's VAT total value.
5. **Exempted Purchase Ledger and Auxiliary** = Same as 1
6. **Exempted Purchase Discount Ledger and Auxiliary** = Same as 2
7. **Exempted Free Purchase Ledger and Auxiliary** = Same as 3
8. **Sister Co. Purchase Ledger and Auxiliary** = The Grn's net amount + the value of the free quantities.
9. **Exempted Sister Co. Purchase Ledger and Auxiliary** = Same as 8

1.2.2 Purchase Return (PR)

1. **Purchase Return Ledger and Auxiliary**
2. **Purchase Return Discount Ledger and Auxiliary**
3. **Free Purchase Return Ledger and Auxiliary**
4. **Exempted Purchase Return Ledger and Auxiliary**
5. **Exempted Purchase Return Discount Ledger and Auxiliary**
6. **Exempted Free Purchase Return Ledger and Auxiliary**

All these Ledgers are calculated in the same way as the corresponding ones of the Receiving Goods.

1.2.3 Sales (SV)

1. **Sales Ledger and Auxiliary** = The invoice gross amount before any discount + the value of the free quantities.
2. **Sales Discount Ledger and Auxiliary** = The total discount of the invoice
3. **Free Sales Ledger and Auxiliary** = The total value of the free quantities.
4. **VAT Sales Ledger and Auxiliary** = The invoice VAT total value.

5. **Exempted Sales Ledger and Auxiliary** = Same as 1
6. **Exempted Sales Discount Ledger and Auxiliary** = Same as 2
7. **Exempted Free Sales Ledger and Auxiliary** = Same as 3
8. **Sister Co. Sales Ledger and Auxiliary** = The Invoice net amount + the value of the free quantities.
9. **Exempted Sister Co. Sales Ledger and Auxiliary** = Same as 8

1.2.4 Sales Return (SR)

1. **Sales Return Ledger and Auxiliary**
2. **Sales Return Discount Ledger and Auxiliary**
3. **Free Sales Return Ledger and Auxiliary**
4. **Exempted Sales Return Ledger and Auxiliary**
5. **Exempted Sales Return Discount Ledger and Auxiliary**
6. **Exempted Free Sales Return Ledger and Auxiliary**

All these Ledgers are calculated in the same way as the corresponding ones of the Sales.

1.2.5 Price Protection and Changing Cost Price (PP)

1. **Cost Prc Change Ledger and Auxiliary** = It is the transaction's total amount.

1.2.6 In/Out (io)

1. **In Ledger and Auxiliary** = Sum (Item Cost price x Qty)
2. **Out Ledger and Auxiliary** = Sum (Item Cost price x Qty)

During the process, the system uses the "Out Ledger and Auxiliary" for both ways of the transactions the "In" and the "Out".

And the "In Ledger and Auxiliary" is used only in case the Ledger at the Reason level is not defined.

1.2.7 Transfer (TW, Ti, To)

There are 3 different types of accounts used to post the transfer to accounting.

1. **Transfer In Ledger and Auxiliary** = Sum (Item Cost price x Qty)

This Ledger is used for all the "Transfer In" parts of the "Transfer In" and "Transfer between warehouses" transactions.

2. **Transfer Out Ledger and Auxiliary** = Sum (Item Cost price x Qty)

This Ledger is used for all the "Transfer Out" parts of the "Transfer Out" and "Transfer between warehouses" transactions.

3. **Transfer Temp Ledger and Auxiliary** = Sum (Item Cost price x Qty)

This Ledger is used only for the transitory warehouse in the "Transfer Out / Transfer In" transaction.

1.2.8 Cost of Sales (CS)

1. **Inventory Ledger and Auxiliary** = Sum (Item cost Price x Qty) for Sales and Sales return transactions
2. **Cost of Sales Ledger and Auxiliary** = Sum (Item cost Price x Qty) for Sales and Sales return transactions

1.2.9 Assembly (AV) and Di-Assembly (DV)

1. **Assembly Ledger and Auxiliary** = Sum (Item Cost Price x Qty)

2 Receiving Goods

2.1 Introduction

The Receiving Goods transaction is automatically generated to accounting upon saving the transaction in the Purchase module. The process is executed in case the company parameter "Affect Purchases to Accounting" is checked and all related Ledgers are defined.

2.2 Header

- **Batch:**
 - Grn's Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "Pu".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "Pu").
- **Project:** Empty
- **Reference:**
 - "Pu" + Sup. Ref. #.
 - In case the supplier reference is empty and the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "Pu" + purchase serial #
 - Otherwise, the reference is empty.
- **Journal Date:**
 - In case the Grn's date is less than the last posting date in accounting, then the journal date is equal to the accounting last posting date + 1
 - Otherwise, it is the Grn's Date
- **Activation Date:** Grn's activation date.
- **Remark:** Grn's remark.

2.3 Details

Any transaction line is created in case its amount is different from 0. Lines are grouped by: Ledger, Currency, Branch and Cost Center.

2.3.1 Debit

1. Ledger and Auxiliary:

1.1. **Family:** Different accounts are used according to the supplier type and the company parameter "Use VAT"

1.1.1. *Purchase Ledger and Auxiliary:* In case of ordinary supplier and "Use VAT" is checked.

If the item has no VAT checked, then the Purchase Ledger is replaced by the *Exempted Purchase Ledger*

- 1.1.2. *Exempted Purchase Ledger and Auxiliary:* In case of ordinary supplier and "Use VAT" is not checked.
- 1.1.3. *Sister Co. Purchase Ledger and Auxiliary:* In case the supplier is a Sister Co. and "Use VAT" is checked.
If the item has no VAT, then the Sister Co. Purchase Ledger is replaced by *Sister Co. Exempted Purchase Ledger*
- 1.1.4. *Sister Co. Exempted Purchase Ledger and Auxiliary:* In case the supplier is a Sister Co. and "Use VAT" is not checked.
- 1.2. **VAT:** In case the company parameter "Use VAT" is checked and the one at the purchase level "Use VAT" is also checked.
- 1.3. **Additional Extra Charges:** Ledger defined in the company parameter "Additional Charges account"
 - 1.3.1. *Normal Pu Ledger and Auxiliary:* In case the supplier is ordinary.
 - 1.3.2. *Sister Co. Ledger and Auxiliary:* In case the supplier is a Sister Co.
2. Currency: If the Ledger has a forced currency in the chart of account, then it is replaced by the Ledger's currency, otherwise it is replaced by the Grn's currency.
3. Branch:
 - 3.1. **Family:** In case the Grn's warehouse is linked to a branch, then it is filled with the branch code defined for the warehouse, otherwise it is empty.
 - 3.2. **VAT:** Empty
 - 3.3. **Additional Extra Charges:** same as Family.
4. Shipment: Empty.
5. Doc. Ref: Empty.
6. Master: Empty
7. Description: "Pu#" + Grn's serial # + Supplier shortcut name + "Ref:" + supplier reference in case it is not empty.
8. Amount:
 - 8.1. **Family:**
 - 8.1.1. In case of *Ordinary supplier:* $\text{Sum} ((\text{Qty} + \text{Free Qty}) \times \text{Price})$
 - 8.1.2. In case of *Sister Co. Supplier:* $\text{Sum} ((\text{Free Qty} \times \text{Price}) + (\text{Total item} \times ((\text{Net} - \text{VAT} - \text{Additional charges}) / \text{Gross})))$
 - 8.2. **VAT:** The Grn's VAT amount.
 - 8.3. **Additional Extra Charges:** The Grn's additional charges amount

Foreign amount: Calculated according to the Ledger's currency.
If the Grn's currency is different from the Ledger's currency, the system uses the currency rate set on the Grn's date from the currency file.

Amount FL: Foreign amount x Rate_FL
Amount SL: Foreign amount x (Rate_FL/Rate_SL)
9. Activation Date: Grn's activation date.
10. Cost Center:

- 10.1. **Family:** In case the system parameter "Link Cost Center to Brand" is activated and a cost center code is defined for the item's brand, then it is replaced by the brand's cost center, otherwise it is empty.
- 10.2. **VAT:** Empty
- 10.3. **Additional Extra Charges:** Same as Family.

11. Schedule: Empty.

2.3.2 Credit

1. Ledger and Auxiliary:

1.1. **Free Purchase:** Regardless of the supplier type, the Ledgers are defined according to the company parameter "Use VAT".

1.1.1. *Free Purchase Ledger and Auxiliary:* In case "Use VAT" is checked. If the item has no VAT, then the Free Purchase Ledger is replaced by *Exempted Free Purchase Ledger*

1.1.2. *Exempted Free Purchase Ledger and Auxiliary:* In case "Use VAT" is not checked.

1.2. **Purchase Discount:**

1.2.1. *Purchase Discount Ledger and Auxiliary:* In case "Use VAT" is checked.

If the item has no VAT, then it is replaced by *Exempted Discount Purchase Ledger and Auxiliary*

1.2.2. *Exempted Discount Purchase Ledger and Auxiliary:* In case "Use VAT" is not checked

1.2.3. In case the *Purchase Discount Ledgers and Auxiliaries* are not defined in the accounting link table, the system uses the *Provision Ledgers and Auxiliaries* defined in the company parameter table.

1.3. **Supplier:**

1.3.1. *Supplier Consignment account #:* In case the Grn is "On Consignment".

1.3.2. Otherwise, it is the Ledger defined at the supplier category.

2. Currency: If the Ledger has a forced currency in the chart of account, then it is replaced by the Ledger's currency, otherwise it is replaced by the Grn's currency.

3. Branch:

3.1. **Supplier:** Empty

3.2. **Otherwise:** In case the Grn's warehouse is linked to a branch, then it is filled with the branch code defined for the warehouse, otherwise it is empty.

4. Shipment: Empty.

5. Doc. Ref:

5.1. **Supplier:**

5.1.1. "aP" + Sup. Ref.# in case the company parameter "When Posting to Acc, Doc Ref. is Sup. Ref.#" and the supplier reference # is not empty.

5.1.2. "aP" + Serial # in case the company parameter "When Posting to Acc, Doc Ref. is Sup. Ref.#" and the supplier reference # is empty.

- 5.1.3. "aP" + Serial # in case the company parameter "When Posting to Acc, Doc Ref. is Serial#".
- 5.2. **Otherwise**, it is Empty.
- 6. Master: Checked for the "Supplier" Ledger only.
- 7. Description: "Pu#" + Grn's serial # + Supplier shortcut name + "Ref:" + supplier reference in case it is not empty.
The Supplier shortcut name is removed for the "Supplier" Ledger.
- 8. Amount:
 - 8.1. **Free Purchase**: Sum (Free Qty x Price)
 - 8.2. **Purchase Discount**: Total discount amount.
Sum ((Qty x Price) – (Total item x ((Net – VAT - Additional charges) / Gross))))
 - 8.3. **Supplier**: Grn's Net amount.
Foreign amount: Calculated according to the Ledger's currency.
If the Grn's currency is different from the Ledger's currency, the system uses the currency rate set on the Grn's date from the currency file.
Amount FL: Foreign amount x Rate_FL
Amount SL: Foreign amount x (Rate_FL/Rate_SL)
- 9. Activation Date: Grn's activation date.
- 10. Cost Center:
 - 10.1. **Free Purchase and Purchase discount**: In case the system parameter "Link Cost Center to Brand" is activated and a cost center code is defined for the item's brand, then it is replaced by the brand's cost center, otherwise it is empty.
 - 10.2. **Supplier**: Empty
- 11. Schedule:
 - 11.1. **Supplier**: Payment terms Date + Supplier terms days.
The Payment terms Date value is calculated according to the company parameter "Payable Payment terms based on (Transaction Date, Activation Date or Supplier Doc. Ref. Date)
 - 11.2. **Otherwise**, it is Empty.

3 Purchase Return

3.1 Introduction

The Purchase Return transaction is automatically generated to accounting upon saving the transaction in the Purchase module. The process is executed in case the company parameter "Affect Purchases to Accounting" is checked and all related Ledgers are defined.

3.2 Header

- **Batch:**
 - Purchase Return's Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "PR".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "PR").
- **Project:** Empty
- **Reference:**
 - "PR" + Sup. Ref. #.
 - In case the supplier reference is empty and the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "PR" + purchase return serial #.
 - Otherwise, the reference is empty.
- **Journal Date:**
 - In case the Purchase Return's date is less then the last posting date in accounting, then the journal date is equal to the accounting last posting date + 1
 - Otherwise, it is the Purchase Return's Date
- **Activation Date:** Purchase Return's activation date.
- **Remark:** Purchase Return's remark.

3.3 Details

Any transaction line is created in case its amount is different from 0. Lines are grouped by: Ledger, Currency, Branch and Cost Center.

3.3.1 Debit

The same concept of the Grn's Credit lines is used for the Purchase Return's Debit lines. Little modifications are to be mentioned:

- The code "Pu" is replaced by "PR".
- In case the Purchase Return is done on a specific Purchase, the Doc. Ref. of the Supplier Ledger is replaced by:

- "aP" + Sup. Ref.# in case the company parameter "When Posting to Acc, Doc Ref. is Sup. Ref.#" and the supplier reference # is not empty in the original Grn.
- "aP" + Purchase Serial# in case the company parameter "When Posting to Acc, Doc Ref. is Sup. Ref.#" and the supplier reference # is empty in the original Grn.

3.3.2 Credit

The same concept of the Grn's Debit lines is used for the Purchase Return's Credit lines. The only modification to mention is that the code "Pu" is replaced by "PR".

4.1 Introduction

The Sales transaction is automatically generated to accounting upon saving the transaction in the Sales module. The process is executed in case the company parameter "Affect Sales to Accounting" is checked and all related Ledgers are defined.

4.2 Header

- **Batch:**
 - Invoice Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "SV".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "SI").
- **Project:** Empty
- **Reference:**
 - Manual Reference.
 - In case the manual reference is empty and the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "SV" + Invoice serial #.
 - Otherwise, the reference is empty.
- **Journal Date:**
 - In case the Invoice date is less than the last posting date in accounting, then the journal date is equal to the accounting last posting date + 1
 - Otherwise, it is the Invoice Date
- **Activation Date:** Invoice activation date.
- **Remark:** Invoice remark.

4.3 Details

Any transaction line is created in case its amount is different from 0. Lines are grouped by Ledger, Currency, Branch and Cost Center.

4.3.1 Debit

1. Ledger and Auxiliary:

1.1. **Client:** It is the Ledger defined at the client category.

1.2. **Sales Discount:**

1.2.1. *Sales Discount Ledger and Auxiliary:* In case "Use VAT" is checked.

If the item has no VAT then it is replaced by *Exempted Discount Sales Ledger*

1.2.2. *Exempted Discount Sales Ledger and Auxiliary:* In case "Use VAT" is not checked

- 1.3. **Free Sales:** Regardless of the client type, the Ledgers are defined according to the company parameter "Use VAT".
 - 1.3.1. *Free Sales Ledger and Auxiliary:* In case "Use VAT" is checked
If the item has no VAT, then the Free Sales Ledger is replaced by *Exempted Free Sales Ledger*
 - 1.3.2. *Exempted Free Sales Ledger and Auxiliary:* In case "Use VAT" is not checked

2. Currency: If the Ledger has a forced currency in the chart of account, then it is replaced by the Ledger's currency, otherwise it is replaced by the Invoice currency.

3. Branch:
 - 3.1. If the system parameter "*Post Receivable by POS*" is not checked, and the invoice's warehouse is linked to a branch code, then it is filled with the warehouse's branch code for the Sales Ledgers (Free, Discount), otherwise it is empty.
The client ledger is always empty in this case.

 - 3.2. If the system parameter "*Post Receivable by POS*" is checked and the system parameter "*Post Sales by POS*" is not checked:
 - 3.2.1. If a branch code is defined for the invoice's POS, then the branch is defined for the Client Ledger, otherwise it is empty.
 - 3.2.2. If a branch code is defined for the invoice's warehouse, then the branch is defined for the Sales Ledgers (Free, discount), otherwise they are empty.

 - 3.3. If the system parameter "*Post Receivable by POS*" is checked and the system parameter "*Post Sales by POS*" is also checked:
 - 3.3.1. If a branch code is defined for the invoice's POS, then the branch code is defined for the Sales Ledgers (Free, Discount) and the Client Ledger, otherwise they are empty.

4. Shipment: Empty.

5. Doc. Ref:
 - 5.1. **Client:** "aR" + Invoice Serial#
 - 5.2. **Otherwise:** Empty

6. Master: Checked only for Client Ledger.

7. Description:
 - "invoice#" + Invoice's serial #
 - + Client shortcut name in case the Ledger is different from Client Ledger
 - + Invoice manual reference in case the company parameter "*When posting to accounting, line description include manual reference*" is checked
 - + Invoice Type in case the company parameter "*When posting to accounting, line description include Invoice Type*" is checked
 - + Total Qty in case the company parameter "*When posting to accounting, line description include Total Qty*" is checked.

8. Amount:
 - 8.1. **Client:** The Invoice's Net amount.
 - 8.2. **Sales Discount:** The total discount amount.

In case "Use VAT" is checked: $\text{Sum} ((\text{Qty} \times \text{Price}) - (\text{Total item} \times ((\text{Net} - \text{VAT}) / \text{Gross})))$

In case "Use VAT" is not checked: $\text{Sum} ((\text{Qty} \times \text{Price}) - (\text{Total item} \times (\text{Net} / \text{Gross})))$

8.3. **Free Sales:** $\text{Sum} (\text{Free Qty} \times \text{Price})$

Foreign amount: Calculated according to the Ledger's currency.

If the Invoice currency is different from the Ledger's currency, the system uses the currency rate set on the Invoice date from the currency file.

Amount FL: $\text{Foreign amount} \times \text{Rate_FL}$

Amount SL: $\text{Foreign amount} \times (\text{Rate_FL} / \text{Rate_SL})$

9. Activation Date: Invoice's activation date.

10. Cost Center:

10.1. **Client:** Empty.

10.2. **Otherwise:**

10.2.1. In case the company parameter "Link cost center to Brand" is checked and a cost center code is defined for the item's brand, then it is filled with the brand's cost center.

10.2.2. In case the company parameter "Link cost center to Brand" is checked and a cost center code is not defined for the item's brand, then it is empty.

10.2.3. In case the company parameter "Link cost center to Invoice Type" is checked and a cost center code is defined for the Invoice's Type, then it is filled with the Invoice type's cost center.

10.2.4. In case the company parameter "Link cost center to Invoice Type" is checked and a cost center code is not defined for the Invoice's Type, then it is empty.

11. Schedule:

11.1. **Client:** $\text{Receivable terms Date} + \text{Client terms days}$.

The Receivable terms Date value is calculated according to the company parameter "Receivable terms based on (Transaction Date, Activation Date)

11.2. **Otherwise,** it is Empty.

12. Salesman: It is a hidden field, replaced by the invoice's salesman.

4.3.2 Credit

1. Ledger and Auxiliary:

1.1. **Family:** Different accounts are used according to the client type and the company parameter "Use VAT"

1.1.1. *Sales Ledger and Auxiliary:* In case of ordinary client and "Use VAT" is checked.

If the item has no VAT, then the sales Ledger is replaced by *Exempted Sales Ledger*.

1.1.2. *Exempted Sales Ledger and Auxiliary:* In case of ordinary client and "Use VAT" is not checked.

1.1.3. *Sister Co. Sales Ledger and Auxiliary:* In case the client is a Sister Co. and "Use VAT" is checked.

If the item has no VAT, then the Sister Co. Sales Ledger is replaced by *Sister Co. Exempted Sales Ledger*.

- 1.1.4. *Sister Co. Exempted Sales Ledger and Auxiliary*: In case the client is a Sister Co. and "Use VAT" is not checked.
- 1.2. **VAT**: In case the company parameter "Use VAT" is checked and the one at the Invoice level "Use VAT" is also checked.
2. **Currency**: If the Ledger has a forced currency in the chart of account, then it is replaced by the Ledger's currency, otherwise it is replaced by the Invoice currency.
3. **Branch**:
- 3.1. **Family**:
- 3.1.1. *If the system parameter "Post Receivable by POS" is not checked, and the invoice's warehouse is linked to a branch code, then it is filled with this latter, otherwise it is empty.*
- 3.1.2. *If the system parameter "Post Receivable by POS" is checked and the system parameter "Post Sales by POS" is not checked:*
- 3.1.2.1. If a branch code is defined for the invoice's warehouse, then it is filled with this latter, otherwise it is empty.
- 3.1.3. *If the system parameter "Post Receivable by POS" is checked and the system parameter "Post Sales by POS" is also checked:*
- 3.1.3.1. If a branch code is defined for the invoice's POS, then it is filled with this latter, otherwise it is empty.
- 3.2. **VAT**: Empty
4. **Shipment**: Empty.
5. **Doc. Ref**: Empty.
6. **Master**: Empty
7. **Description**:
- "invoice#" + Invoice's serial #
 + Client shortcut name.
 + Invoice manual reference in case the company parameter "*When posting to accounting, line description include manual reference*" is checked.
 + Invoice Type in case the company parameter "*When posting to accounting, line description include Invoice Type*" is checked.
 + Total Qty in case the company parameter "*When posting to accounting, line description include Total Qty*" is checked.
8. **Amount**:
- 8.1. Family**:
- 8.1.1. In case of *Ordinary client*: $\text{Sum} ((\text{Qty} + \text{Free Qty}) \times \text{Price})$
- 8.1.2. In case of *Sister Co. client*:
- In case "Use VAT" is checked: $\text{Sum} ((\text{Free Qty} \times \text{Price}) + (\text{Total item} \times ((\text{Net} - \text{VAT}) / \text{Gross})))$
- In case "Use VAT" is not checked: $\text{Sum} ((\text{Free Qty} \times \text{Price}) + (\text{Total item} \times (\text{Net} / \text{Gross})))$

8.2. **VAT:** The Invoice's VAT amount.

Foreign amount: Calculated according to the Ledger's currency.

If the Invoice currency is different from the Ledger's currency, the system uses the currency rate set on the Invoice date from the currency file.

Amount FL: Foreign amount x Rate_FL

Amount SL: Foreign amount x (Rate_FL/Rate_SL)

9. Activation Date: Invoice's activation date.

10. Cost Center:

10.1. In case the company parameter "Link cost center to Brand" is checked and a cost center code is defined for the item's brand, then it is filled with this latter cost center.

10.2. In case the company parameter "Link cost center to Brand" is checked and a cost center code is not defined for the item's brand, then it is empty.

10.3. In case the company parameter "Link cost center to Invoice Type" is checked and a cost center code is defined for the Invoice's Type, then it is filled with this latter cost center.

10.4. In case the company parameter "Link cost center to Invoice Type" is checked and a cost center code is not defined for the Invoice's Type, then it is empty.

11. Schedule: Empty.

5 Sales Return

5.1 Introduction

The Sales Return transaction is automatically generated to accounting upon saving the transaction in the Sales module. The process is executed in case the company parameter "Affect Sales to Accounting" is checked and all related Ledgers are defined.

5.2 Header

- **Batch:**
 - Sales Return Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "SR".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "SR").
- **Project:** Empty
- **Reference:**
 - "SR" + Manual Reference.
 - In case the manual reference is empty and the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "SR" + Sales return serial #.
 - Otherwise, the reference is empty.
- **Journal Date:**
 - In case the Sales Return's date is less than the last posting date in accounting, then the journal date is equal to the accounting last posting date + 1
 - Otherwise, it is the Sales Return's Date
- **Activation Date:** Sales Return's activation date.
- **Remark:** Sales Return's remark.

5.3 Details

Any transaction line is created in case its amount is different from 0. Lines are grouped by Ledger, Currency, Branch and Cost Center.

5.3.1 Debit

The same concept of the Invoice Credit lines is used for the Sales Return's Debit lines. Little modifications are to be mentioned:

- The code "SV" is replaced by "SR".
- The document reference at the customer transaction line is replaced by:
 - "RG" + Sales return serial #
 - In case the Sales Return is done on a specific Invoice, the Doc. Ref. is replaced by "aR" + original Invoice serial#

5.3.2 Credit

The same concept of the Invoice's Debit lines is used for the Sales Return's Credit lines. The only modification to mention is that the code "SV" is replaced by "SR".

6 Price Protection

6.1 Introduction

The Price Protection transaction is automatically generated in the accounting upon saving the transaction in the General Inventory module. The process won't be executed unless the "P & L account # for modifying Cost price" is defined in the company parameter screen and the total amount of the transaction is different from zero.

6.2 Header

- **Batch:**
 - Price Protection Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "PP".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "PP").
- **Project:** Empty
- **Reference:**
 - "PP" + Manual Reference.
 - In case the manual reference is empty and the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "PP" + Price Protection serial #.
 - Otherwise, the reference is empty.
- **Journal Date:** Transaction date.
- **Activation Date:** Transaction's activation date.
- **Remark:** Transaction's remark.

6.3 Details

All Ledgers are debited or credited according to the amounts value. They are grouped by: Ledger, Currency and cost center.

1. Ledger and Auxiliary:

- 1.1. **Supplier:** Ledger defined at the supplier category. In case the price protection is "On Consignment", then the used Ledger is the "Supplier Consignment Account #" defined in the system parameter screen.
- 1.2. **Family:** "Changing Cost Price" Ledger defined in the accounting table.
- 1.3. **P&L:** "P&L account # for modifying Cost Price" defined in the company parameter screen.

2. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the Ledger's currency; otherwise it is filled with the first local currency.

3. Branch: Empty

4. Shipment: Empty.
5. Doc. Ref:
 - 5.1. **Supplier**: "PP" + transaction Serial#
 - 5.2. **Otherwise**: Empty
6. Master: Checked for Supplier Ledger only.
7. Description: "Price Protection #" + transaction serial #
8. D/C:
 - 8.1. **Supplier**: if the total amount < 0 then it is "D", otherwise it is "C"
 - 8.2. **Family**: if the total family amount <0 then it is "C", otherwise it is "D"
 - 8.3. **P&L**: if the total acc. amount <0 then it is "C", otherwise it is "D"
9. Amount:
 - 9.1. **Supplier**: The transaction Net amount.
 - 9.2. **Family**: The total difference per family.
Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.
Amount FL: Foreign amount x Rate_FL
Amount SL: Foreign amount x (Rate_FL/Rate_SL)
10. Activation Date: the transaction activation date.
11. Cost Center:
 - 11.1. **Supplier**: Empty.
 - 11.2. **Otherwise**: In case the system parameter "Link Cost Center to brand" is checked and a cost center code is set at the item's brand, then it is filled with the brand's cost center code, otherwise it is empty.
12. Schedule:
 - 12.1. **Supplier**: transaction Date.
 - 12.2. **Otherwise**, it is Empty.

7 Changing Cost Price

7.1 Introduction

The Changing Cost Price transaction is automatically generated to accounting upon saving the transaction in the General Inventory module. The process won't be executed unless the "Acc# for modifying Cost price" is defined in the company parameter screen and the transaction total amount is different from zero.

7.2 Header

- **Batch:**
 - Changing Cost Price Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled with the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "PP".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "PP").
- **Project:** Empty
- **Reference:**
 - "PP" + Manual Reference.
 - In case the manual reference is empty and the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "PP" + Changing Cost Price serial #.
 - Otherwise, the reference is empty.
- **Journal Date:** Transaction date.
- **Activation Date:** Transaction's activation date.
- **Remark:** Transaction's remark.

7.3 Details

All Ledgers are debited or credited according to the amounts value. They are grouped by: Ledger, Currency and cost center.

1. Ledger and Auxiliary:
 - 1.1. **Acc # for Modifying Cost Price:** Defined in the company parameter screen.
 - 1.2. **Family:** "Changing Cost Price" Ledger defined in the accounting table.
2. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the ledger's currency; otherwise it is filled with the first local currency.
3. Branch: Empty
4. Shipment: Empty.
5. Doc. Ref: Empty.

6. Master: Empty.
7. Description: "Changing Cost Price #" + transaction serial #
8. D/C:
 - 8.1. **Acc# for modifying cost price**: if the total amount < 0 then it is "D", otherwise it is "C"
 - 8.2. **Family**: if the total family amount <0 then it is "C", otherwise it is "D"
9. Amount:
 - 9.1. **Acc# for modifying cost price**: The transaction Net amount.
 - 9.2. **Family**: The total difference per family.
Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.
Amount FL: Foreign amount x Rate_FL
Amount SL: Foreign amount x (Rate_FL/Rate_SL)
10. Activation Date: the transaction activation date.
11. Cost Center:
 - 11.1. **Acc# for modifying cost price**: Empty.
 - 11.2. **Otherwise**: In case the system parameter "Link Cost Center to brand" is checked and a cost center code is set at the item's brand, then it is filled with the brand's cost center code, otherwise it is empty.
12. Schedule: Empty

8.1 Introduction

The In - Out transaction is generated to accounting upon running the program "Posting to Accounting" from the general inventory module. The process is executed in case the company parameter "Affect In - Out to Accounting" is checked and all related Ledgers are defined.

An In-Out transaction is posted if its cost is calculated, means its date is less then the last posting date.

For each In-Out transaction, a separate journal transaction is created in accounting.

8.2 Header

- **Batch:**
 - In-Out Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "io".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "io").
- **Project:** Empty
- **Reference:**
 - In-Out manual reference.
 - In case the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "IO" + In-Out serial #.
 - Otherwise, the reference is empty.
- **Journal Date:** Transaction's date.
- **Activation Date:** Transaction's Activation Date.
- **Remark:** Transaction's remark.

8.3 Details

All the lines are grouped by: Ledger, Currency, Branch and Cost Center.

1. Ledger and Auxiliary:
 - 1.1. **Out Ledger:** Defined in the accounting Link table. It is debited in case of "In Transaction", and credited in case of "Out transaction".
 - 1.2. **Reason Ledger:** Defined in the reason table. In case the Reason Ledger is empty, the system uses the "**In Ledger**" defined in the accounting link table. This Ledger is credited in case of "In Transaction" and debited in case of "Out transaction".
2. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the Ledger's currency, otherwise it is filled with the first local currency.

3. Branch:
 - 3.1. In case the system parameter "Use in In/Out the Branch" is checked:
 - 3.1.1. **Reason:** The branch code is filled by the one defined in the In/Out transaction at the item level.
 - 3.1.2. **Out Ledger:** In case the branch code is defined for the transaction's warehouse, then it is filled with the warehouse's branch code, otherwise it is empty.
 - 3.2. In case the system parameter "Use in In/Out the Cost Center" is checked:
 - 3.2.1. **Reason:** The branch code is empty
 - 3.2.2. **Out Ledger:** In case the branch code is defined for the transaction's warehouse, then it is filled with the warehouse's branch code, otherwise it is empty.
 - 3.3. In case the system parameter "Use in In/Out the None" is checked and a branch code is defined for the transaction's warehouse, then it is filled, for all ledgers (Reason, Out) with the warehouse's branch code, otherwise it is empty.
4. Shipment: Empty.
5. Doc. Ref: Empty
6. Master: Not Checked.
7. Description: "inout#" + transaction serial #.
8. D/C: If the amount is positive (In transaction) then "D", otherwise it is "C" (Out transaction)
9. Amount: Qty x Item's cost.
 - 9.1. Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.
 - 9.2. Amount FL: Sum(Qty) x Average cost in first local currency
 - 9.3. Amount SL: Sum(Qty) x Average cost in second local currency
10. Activation Date: Transaction's activation date.
11. Cost Center:
 - 11.1. In case the system parameter "Link Cost Center to Brand" is checked, the cost center is filled for all ledgers (Out and Reason) by the one defined at the brand's level.
 - 11.2. In case the system parameter "Link Cost Center to Invoice Type" is checked and the system parameter "Use Cost Center in In/Out" is checked, then the cost center is filled, for the Reason Ledger only, by the one defined in the In/Out transaction at the item level, otherwise it is empty.
12. Schedule: Empty

9 Transfer

9.1 Introduction

The Transfer transaction is generated to accounting upon running the program "Posting to Accounting" from the general inventory module. The process is executed in case the company parameter "Affect Transfer to Accounting" is checked and all related accounts are defined.

A Transfer transaction is posted if its cost is calculated, means its date is less then the last posting date.

For each Transfer transaction, a separate journal transaction is created in accounting.

We have different type of transfer transactions:

- Transfer between Warehouses
- Global Transfer between Warehouses: This type of transfer is generated in the inventory module as a "Transfer Out" and a "Transfer In".
- Transfer Out
- Transfer In.

9.2 Header

- **Batch:**
 - Transfer Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "TW" in case of Transfer between Warehouses.
 - "To" in case of Transfer Out
 - "Ti" in case of Transfer In
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the respective record "TW", "To", "Ti").
- **Project:** Empty
- **Reference:**
 - Transfer manual reference.
 - In case the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is eplaced by:
 1. "TW" + Transfer serial # in case of Transfer between Warehouses.
 2. "To" + Transfer serial # in case of Transfer Out.
 3. "Ti" + Transfer serial # in case of Transfer In.
 - Otherwise, the reference is empty.
- **Journal Date:** Transaction's date.
- **Activation Date:** Transaction's Activation Date.
- **Remark:** Transaction's remark.

9.3 Details

9.3.1 Debit

All debit lines are grouped by: Ledger, Currency, Branch and Cost Center.

1. Ledger and Auxiliary:

- 1.1. **Transfer between Warehouses:** The Ledger "Transfer In" defined in the accounting link table.
- 1.2. **Transfer Out:** The Ledger "TR. Temp" of the transitory warehouse defined in the accounting link table.
- 1.3. **Transfer In:** The Ledger "Transfer In" defined in the accounting link table.

2. Branch:

- 2.1. **Transfer between Warehouses:** In case the warehouse code "To Whs" has a branch code defined at its level, then this branch code is used, otherwise it is empty.
- 2.2. **Transfer Out:** Empty
- 2.3. **Transfer In:** In case the warehouse code "To Whs" has a branch code defined at its level, then this branch code is used, otherwise it is empty.

9.3.2 Credit

All credit lines are grouped by: Ledger, Currency and Cost Center.

1. Ledger and Auxiliary:

- 1.1. **Transfer between Warehouses:** The Ledger "Transfer Out" defined in the accounting link table.
- 1.2. **Transfer Out:** The Ledger "Transfer Out" defined in the accounting link table.
- 1.3. **Transfer In:** The Ledger "TR. Temp" for the transitory warehouse defined in the accounting link table.

2. Branch:

- 2.1. **Transfer between Warehouses:** In case the warehouse code "From Whs" has a branch code defined at its level, then this branch code is used, otherwise it is empty.
- 2.2. **Transfer Out:** In case the warehouse code "From Whs" has a branch code defined at its level, then this branch code is used, otherwise it is empty.
- 2.3. **Transfer In:** Empty

All following fields are used in the same way for the debit and credit Ledgers in different type of transfer transactions.

1. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the Ledger's currency, otherwise it is filled with the first local currency.
2. Shipment: Empty.
3. Doc. Ref: Empty
4. Master: Not Checked.
5. Description:

- 5.1. **Transfer Between Warehouses:** "Trans. Between Whs #" + Serial #
- 5.2. **Transfer Out:** "Trans. ouT # :" + Serial #
- 5.3. **Transfer In:** "Trans. iN # :" + Serial #

6. Amount: Qty x Item's cost.
 - 6.1. Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.
 - 6.2. Amount FL: Sum(Qty) x Average cost in first local currency
 - 6.3. Amount SL: Sum(Qty) x Average cost in second local currency

7. Activation Date: Transaction's activation date.

8. Cost Center: In case the system parameter "Link Cost Center to Brand" is checked and a cost center code is defined at the brands item level, then it is filled by the brand's cost center code, otherwise it is empty.

9. Schedule: Empty

10 Cost Of Sales

10.1 Introduction

The Cost Of Sales transaction is automatically generated to accounting upon running the locking procedure from the Purchase module. The process is executed in case the company parameter "Affect Cost Of Sales to Accounting" is checked and all related Ledgers are defined.

It is generated only for the unposted sales and sales return transactions having the transaction date less than "Till Date" defined in the "Locking Procedure" screen.

10.2 Header

- **Batch:**
 - Default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "CS".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "CS").
- **Project:** Empty
- **Reference:**
 - In case the accounting general parameter "Allow empty reference when creating a transaction" is not checked, the reference is replaced by "CS" + Cost Of Sales #
 - Otherwise, the reference is empty.
- **Journal Date:** Filled with the value of "Till Date" defined in the "Locking Procedure" screen.
- **Activation Date:** Same as Journal Date.
- **Remark:** Empty

10.3 Details

10.3.1 Debit

All debit lines are grouped by: Ledger, Currency, Branch and Cost Center.

1. Ledger and Auxiliary: Cost of Sales Ledger defined in the accounting Link table.
2. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the Ledger's currency, otherwise it is filled with the first local currency.
3. Branch:
 - 3.1. *If the system parameter "Post Receivable by POS" is not checked, and the transaction's warehouse is linked to a branch code, then it is filled with the warehouse's branch code, otherwise it is empty.*
 - 3.2. *If the system parameter "Post Receivable by POS" is checked and the system parameter "Post Sales by POS" is not checked: If a branch code is defined for the*

transaction's warehouse, then it is filled with the warehouse's branch code, otherwise it is empty.

3.3. *If the system parameter "Post Receivable by POS" is checked and the system parameter "Post Sales by POS" is also checked:* If a branch code is defined for the transaction's POS, then it is filled with the warehouse's branch code, otherwise it is empty.

4. Shipment: Empty.

5. Doc. Ref: Empty

6. Master: Not Checked.

7. Description: "Cost Of Sales From" + Date1 + "Till" + Date2

7.1. In case of FiFo method:

7.1.1. Date1: it is calculated before running the posting procedure. It is the earliest date of unposted sales and sales return transactions.

7.1.2. Date2: It is calculated after running the posting procedure. It is the latest date of posted sales and sales return transactions.

7.2. In case of Average cost method:

7.2.1. Date1: It is calculated before running the posting procedure. It is the latest date of posted sales and sales return transactions.

7.2.2. Date2: It is the "Till date" defined on the "Locking Procedure" screen.

8. Amount: Item's cost.

8.1. Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.

8.2. Amount FL: Foreign amount x Rate_FL

8.3. Amount SL: Foreign amount x (Rate_FL/Rate_SL)

9. Activation Date: Same as journal date.

10. Cost Center:

10.1. In case the company parameter "Link cost center to Brand" is checked and a cost center code is defined for the item's brand, then it is filled with the brand's cost center.

10.2. In case the company parameter "Link cost center to Brand" is checked and a cost center code is not defined for the item's brand, then it is empty.

10.3. In case the company parameter "Link cost center to Invoice Type" is checked and a cost center code is defined for the Invoice's Type, then it is filled with the brand's cost center.

10.4. In case the company parameter "Link cost center to Invoice Type" is checked and a cost center code is not defined for the Invoice's Type, then it is empty.

11. Schedule: Empty

10.3.2 Credit

All credit lines will be grouped by: Ledger, Currency and Cost Center.

1. Ledger and Auxiliary: Inventory Ledger defined in the accounting Link table.
2. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the Ledger's currency, otherwise it is filled with the first local currency.
3. Branch: In case a branch code is defined for the transaction's warehouse, then it is filled with the warehouse's branch code, otherwise it is empty.
4. Shipment: Empty.
5. Doc. Ref: Empty
6. Master: Not Checked.
7. Description: Same as the debit Description
8. Amount: Item's cost.
 - 8.1. Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.
 - 8.2. Amount FL: Foreign amount x Rate_FL
 - 8.3. Amount SL: Foreign amount x (Rate_FL/Rate_SL)
9. Activation Date: Same as journal date.
10. Cost Center: Empty
11. Schedule: Empty

11 Assembly

11.1 Introduction

The Assembly transaction is automatically generated to accounting upon running the locking procedure from the Purchase module. The process is executed in case the company parameter "Affect Assembly to Accounting" is checked and all related Ledgers are defined. It is generated only for the unposted transactions having the transaction date less than the value of "Till Date" defined in the "Locking Procedure" screen.

All posted transactions are grouped in one accounting transaction.

11.2 Header

- **Batch:**
 - Assembly Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "AV".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "AV").
- **Project:** Empty
- **Reference:** Empty
- **Journal Date:** Earliest date of posted transactions. Calculated at the end of the procedure.
- **Activation Date:** Same as Journal Date.
- **Remark:** Empty

11.3 Details

All debit and credit lines are grouped by: Ledger, Currency, Branch and Cost Center.

11.3.1 Debit

1. Ledger and Auxiliary:
 - 1.1. **Family:** Assembly Ledger and auxiliary of the finished product defined in the accounting Link table.
2. Branch:
 - 2.1. **Family:** The branch code defined at the transaction's warehouse. In case the branch code is not set, then it is empty.
3. Cost Center:
 - 3.1. **Family:**
 - 3.1.1. In case the company parameter "Link cost center to Brand" is checked and a cost center code is defined for the item's brand, then it is filled with the brand's cost center

- 3.1.2. In case the company parameter "Link cost center to Brand" is not checked and a cost center code is defined for the production type, then it is filled with the production type's cost center
- 3.1.3. Otherwise it is empty.

11.3.2 Credit

1. Ledger and Auxiliary:

- 1.1. **Family:** Assembly Ledger of the raw materials defined in the accounting Link table.
- 1.2. **Extra Charges:** Defined in the company parameters table.

2. Branch:

- 2.1. **Family:** In case a branch code is set to the warehouse defined at the item level in the transaction grid, then the branch is filled by this branch code, otherwise it is empty.
- 2.2. **Extra Charges:** Empty

3. Cost Center:

3.1. **Family:**

- 3.1.1. In case the company parameter "Link cost center to Brand" is checked and a cost center code is defined for the item's brand, then it is filled with the brand's cost center
- 3.1.2. In case the company parameter "Link cost center to Brand" is not checked and a cost center code is defined for the production type, then it is filled with the production type's cost center
- 3.1.3. Otherwise it is empty.
- 3.2. **Extra Charges:** Same cost center used for the Debit Family Ledger.

Following are the common fields filled in the same way for the debit and credit lines:

- 1. Currency: In case the Ledger has a forced currency in the chart of account, it is filled with the Ledger's currency, otherwise it is filled with the first local currency.
- 2. Shipment: Empty.
- 3. Doc. Ref: Empty
- 4. Master: Not Checked.
- 5. Description: "Cost Of Assembly From" + Date1 + "Till" + Date2
 - 5.1. Date1: Calculated before running the posting procedure. It is the earliest date of unposted Assembly and Di-Assembly transactions.
 - 5.2. Date2: It is the "Till date" defined on the "Locking Procedure" screen.
- 6. Amount:
 - 6.1. **Family:** Item's cost.
 - 6.2. **Extra Charges:** Sum of the Extra charges define in the transaction.

Foreign amount: The amount is calculated according to the Ledger's currency. In case the Ledger's currency is different from the first local currency, the system uses the rate defined in the currency file on the transaction's date.

Amount FL: Foreign amount x Rate_FL

Amount SL: Foreign amount x (Rate_FL/Rate_SL)

7. Activation Date: Same as journal date.

8. Schedule: Empty

12 Di-Assembly

12.1 Introduction

The Di-Assembly transaction is automatically generated to accounting upon running the locking procedure from the Purchase module. The process is executed in case the company parameter "Affect Assembly to Accounting" is checked and all related Ledgers are defined. It is generated only for the unposted transactions having the transaction date less than the value of "Till Date" defined in the "Locking Procedure" screen.

All posted transactions are grouped in one accounting transaction.

12.2 Header

- **Batch:**
 - Di-Assembly Batch.
 - In case the company parameter "Hide Batch" is activated, it is filled by the default batch set in the company parameter "Default Batch".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_batch).
- **Trx Type:**
 - "DV".
 - Its number is automatically generated by the system using the last sequence + 1 (fm_c_type for the record "DV").
- **Project:** Empty
- **Reference:** Empty
- **Journal Date:** Earliest date of posted transactions. Calculated at the end of the procedure
- **Activation Date:** Same as Journal Date.
- **Remark:** Empty

12.3 Details

12.3.1 Debit

The same concept of the Assembly transaction Credit lines is used for the Di-Assembly Debit lines.

12.3.2 Credit

The same concept of the Assembly transaction Debit lines is used for the Di-Assembly Credit lines.

Little modifications are to be mentioned:

- The **Extra Charges Ledger** does not figure in the transaction at all.
- The **P&L Ledger** set in the company parameter figures as:
 - The difference between the Sum of the raw materials Cost and the finished product cost.
(Sum(Cost of raw material x Qty)) – (Average cost of the finished product x Qty)
 - It is debited or credited according to the amount value.
 - No branch is defined.
 - No Cost Center is defined.



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