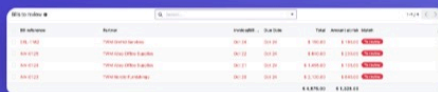


Three-Way Match

A guide to three-way match: the tolerances, checking a bill, accepting a difference, the lists, vendors that must match and the access rights.

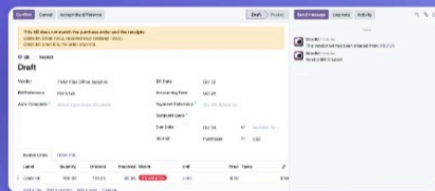
1. Start here

In plain words: The vendor bills 100 chairs, you received 80 and the order says 8.00 a chair, not 8.40. **Three-Way Match** compares every **vendor bill line** with the **purchase order** and the **goods received**, flags the differences **in money**, and **blocks the posting** of a bill that does not match until an **approver** accepts the difference **with a reason**. You pay what you ordered and received.



Bill number	Vendor	Amount	Amount at risk
100-100	Vendor ABC	80.00	8.00
100-101	Vendor ABC	80.00	8.00
100-102	Vendor ABC	80.00	8.00
100-103	Vendor ABC	80.00	8.00

Bills to review, with the amount at risk



Bill Line	PO Line	GR Line	Amount	Amount at risk
100-100-1	100-100-1	100-100-1	80.00	8.00
100-100-2	100-100-2	100-100-2	80.00	8.00
100-100-3	100-100-3	100-100-3	80.00	8.00

The difference, line by line



Accept the difference

Reason: The vendor delivers the other two desks on Monday.

Accept the difference

Accepted with a reason

The bills to review, a bill with its differences, and the approval with a reason.

Tip: It does not change how you create a bill. It watches it.

2. What you get

Feature	What it does
Match on each line	Ordered, received and billed to date, the order price and the bill price, side by side on the bill; a badge says Matches, More than received, Price above the order or Qty and price.
Amount at risk	The money that is not covered: the extra quantity at the bill price plus the price difference.
Tolerances	A percentage of quantity and a percentage of price that a bill may exceed without being flagged (2% on the price by default).
Blocks the posting	A bill that needs a review cannot be posted; the message tells which lines and why.
Approval with a reason	An approver accepts the difference, writes why, and it stays on the bill; the approval is void as soon as a quantity or a price of the bill changes.
Several bills	Bills already posted for the same order line count; credit notes lower the billed quantity.
Vendors that must match	For some vendors a line that is not on a purchase order is flagged too.
Bills to review and differences	A list of the bills to review, and a list or pivot of the differences by vendor and product.
Services	A service is matched with the quantity ordered, as nothing is received.
Arabic	Everything is translated and works right to left.

3. Requirements

Item	Details
Odoo	19.0 (Community or Enterprise)
Apps needed	Purchase, Inventory and Accounting (<code>purchase_stock</code>), installed with Odoo
License	OPL-1 (Odoo Proprietary License v1.0)

4. Install

- 1 Unzip the package. Inside is `taqnix_three_way_match.zip` ; unzip it to get the folder `taqnix_three_way_match` .
- 2 Copy the folder into one of the `addons_path` folders of your Odoo server and restart Odoo.
- 3 Log in as an administrator, activate **Developer mode**, open **Apps** and press **Update Apps List**.
- 4 Remove the "Apps" filter, search **Three-Way Match** and press **Install**.

```
# or from the command line
./odoo-bin -c odoo.conf -d YOUR_DATABASE -i taqnix_three_way_match --stop-after-init
```

5. Set the tolerances

In plain words: Accounting → Configuration → Settings → Vendor Bills. Tick **Block the bills that do not match** (it is ticked by default) and set the **tolerance**: the percentage of quantity and the percentage of price that a bill may exceed without being flagged. A bill is never flagged for a quantity below what was received or a price below the order.

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Vendor Bills

Auto-validate bills

Propose to validate bills automatically when AI accuracy is right 3 times in a row for a vendor.

Block the bills that do not match

A vendor bill that bills more than was received, or above the order price, cannot be posted until an approver accepts the difference.

Tolerance of the match

What a bill may exceed without being flagged.

Quantity

0.00

%

Price

2.00

%

Vendor Payments

SEPA Credit Transfer / ISO20022

Enterprise

Pay your bills in one-click using Euro SEPA Service / ISO20022

Digitization

Document Digitization

Enterprise

Digitize your PDF or scanned documents with OCR and Artificial Intelligence

Accounting Firms mode

Accounting firm mode will change invoice/bill encoding:

- The document's sequence becomes editable on all documents.

- A new field « Total (tax inc.) » to speed up and control the encoding by automating line creation with the right account & tax.

Quick encoding

Disabled

The settings in Vendor Bills.

6. Check a bill

In plain words: Create the vendor bill as usual, from the purchase order (**Create Bill**) or by typing it with the **purchase document** selected. On the bill lines, the columns **Ordered**, **Received** and the badge **Match** show how each line compares. If something does not match, a yellow banner on top of the bill lists the differences.

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New Bills

Draft Bill (INV-0125)

Purchases P00125

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Confirm

Cancel

Accept the difference

Draft

Posted

Send message

Log note

Activity

This bill does not match the purchase order and the receipts.

Cable kit: billed 100.0, received 80.0 (ordered 100.0).

Cable kit: price 8.4, the order says 8.0.

Bill

Receipt

Draft

Vendor

TWM Atlas Office Supplies

Bill Reference

INV-0125

Auto-Complete

Select a purchase document

Bill Date

Oct 22

Accounting Date

Oct 24

Payment Reference

Use Bill Reference

Recipient Bank

Due Date

Oct 24

or

Payment Ter...

Journal

Purchases

in

USD

Invoice Lines

Other Info

Label	Quantity	Ordered	Received	Match	Unit	Price	Taxes	
Cable kit	100.00	100.00	80.00	Qty and price	Units	8.40		\$ 84

Add a line

Add a section

Add a note

Catalog

Terms and Conditions

Untaxed Amount:

\$ 840.00

Total:

\$ 840.00

Amount Due:

\$ 840.00

Today

OdooBot 11:30 AM

This vendor bill has been created from: P00125

OdooBot 11:30 AM

Vendor Bill Created

A bill that bills 100 cable kits when 80 were received, at 8.40 instead of 8.00.

In plain words: The column **Billed to date** (to be shown from the column menu) counts the posted bills of the same order line, plus this one. The **Bills** list has a **Match** column and the filters **Match: to review** and **Match: approved**.

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My Company

New

Upload

Bills

Search...

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☐	Number	Vendor	Bill Date	Due Date	Reference	Tax Excluded	Total	Status	Match	
☐	/	TWM Orchid Services	Oct 24	Today	DEL-1182	\$ -180.00	\$ -180.00	Draft	To review	
☐	/	TWM Ready Seating	Oct 23	Today	INV-0128	\$ -600.00	\$ -600.00	Draft	Approved	
☐	/	TWM Delta Lighting	Oct 22	Today	INV-0126	\$ -1,110.00	\$ -1,110.00	Draft	Matches	
☐	/	TWM Atlas Office Supplies	Oct 22	Today	INV-0125	\$ -840.00	\$ -840.00	Draft	To review	
☐	/	TWM Atlas Office Supplies	Oct 21	Today	INV-0124	\$ -1,455.00	\$ -1,455.00	Draft	To review	
☐	/	TWM Nordic Furnishings	Oct 20	Today	INV-0123	\$ -2,100.00	\$ -2,100.00	Draft	To review	
☐	BILL/2026/10/0006	TWM Delta Lighting	Oct 23	Today	INV-0127	\$ -300.00	\$ -300.00	Posted	Matches	
☐	BILL/2026/10/0005	TWM Nordic Furnishings	Oct 16	Today	INV-0122	\$ -1,700.00	\$ -1,700.00	Posted	Matches	
☐	RBILL/2026/10/0001	Ready Mat	Oct 1	2 days ago		\$ 30.00	\$ 34.50	Posted	Not checked	
☐	BILL/2026/10/0002	Gemini Furniture	Oct 2	2 days ago	INV/2026/0057	\$ -622.27	\$ -622.27	Posted	Not checked	
☐	BILL/2026/10/0001	Ready Mat	Oct 1	Next month		\$ -30.00	\$ -34.50	Posted	Not checked	
☐	BILL/2026/10/0004	Azure Interior	Oct 14	Next month		\$ -1,800.00	\$ -1,800.00	Posted	Not checked	
☐	BILL/2026/10/0003	Azure Interior	Oct 4	Next month		\$ -1,400.00	\$ -1,400.00	Posted	Not checked	
☐	BILL/2026/09/0004	Azure Interior	Sep 24	In 7 days		\$ -300.00	\$ -300.00	Posted	Not checked	
☐	BILL/2026/09/0002	Azure Interior	Sep 14	In 7 days		\$ -2,100.00	\$ -2,100.00	Posted	Not checked	
☐	BILL/2026/09/0001	Azure Interior	Sep 14	In 7 days		\$ -950.00	\$ -950.00	Posted	Not checked	
☐	BILL/2026/09/0003	Azure Interior	Sep 9	In 7 days		\$ -700.00	\$ -700.00	Posted	Not checked	
☐	BILL/2026/08/0001	Azure Interior	Aug 5	Last month		\$ -2,600.00	\$ -2,600.00	Posted	Not checked	
☐	BILL/2026/07/0003	Azure Interior	Jul 31	2 months ago		\$ -3,900.00	\$ -3,900.00	Posted	Not checked	
☐	BILL/2026/07/0001	Azure Interior	Jul 26	2 months ago		\$ -1,800.00	\$ -1,800.00	Posted	Not checked	
☐	BILL/2026/07/0002	Azure Interior	Jul 16	2 months ago		\$ -4,200.00	\$ -4,200.00	Posted	Not checked	

The vendor bills with their match.

7. Accept a difference

In plain words: Press **Confirm** on a bill that does not match and Odoo refuses, with the list of the differences. An **approver** presses **Accept the difference**, writes the **reason** and confirms: the bill can now be posted, and the banner says who accepted it, when and why. If somebody changes a quantity or a price afterwards, the approval is void and the bill goes back to **To review**. **Withdraw the approval** brings it back by hand.

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New

Bills

Draft Bill (INV-0123)

Purchases

P00123

1 / 1

Confirm

Cancel

Accept the difference

Draft

Posted

Send message

Log note

Activity

This bill does not match the purchase order and the receipts.
Standing desk: billed 5.0, received 3.0 (ordered 5.0).

Bill

Receipt

Draft

Vendor

TWM Nordic F

Bill Reference

INV-0123

Auto-Complete ?

Select a purch

Invoice Lines

Other Info

Label

Quantity

Standing desk

5.00

5.00

3.00

More than received

Units

420.00

\$ 2,10

Add a line

Add a section

Add a note

Catalog

Terms and Conditions

Untaxed Amount: \$ 2,100.00

Total: \$ 2,100.00

Amount Due: \$ 2,100.00

Today

OdooBot 11:30 AM

This vendor bill has been created from: P00123

OdooBot 11:30 AM

Vendor Bill Created

Accept the difference

Move

Draft Bill (INV-0123)

What does not match

Standing desk: billed 5.0, received 3.0 (ordered 5.0).

Amount at risk

\$ 840.00

Reason ?

The vendor delivers the other two desks on Monday.

Accept the difference

Cancel

The approver writes why the bill is accepted.

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New

Bills

Draft Bill (INV-0128)

Purchases

P00128

1 / 1

Confirm

Cancel

Withdraw the approval

Draft

Posted

Send message

Log note

Activity

0

The difference was accepted by Mitchell Admin on Oct 24, 11:30 AM

The vendor delivers the missing 2 stools on Monday. Approved by purchasing.

Bill

Receipt

Draft

Vendor

TWM Ready Seating

Bill Date

Oct 23

Bill Reference

INV-0128

Accounting Date

Oct 24

Auto-Complete

Select a purchase document

Payment Reference

Use Bill Reference

Recipient Bank

Due Date

Oct 24

or

Payment Ter...

Journal

Purchases

in

USD

Invoice Lines

Other Info

Label	Quantity	Ordered	Received	Match	Unit	Price	Taxes	
Bar stool	10.00	10.00	8.00	More than received	Units	60.00		\$ 60

Add a line

Add a section

Add a note

Catalog

Terms and Conditions

Untaxed Amount:

\$ 600.00

Total:

\$ 600.00

Amount Due:

\$ 600.00

Today

Mitchell Admin

11:30 AM

Mitchell Admin accepted the difference: The vendor delivers the missing 2 stools on Monday. Approved by purchasing.

OdooBot

11:30 AM

This vendor bill has been created from: P00128

OdooBot

11:30 AM

Vendor Bill Created

An approved bill keeps the reason.

8. Bills to review and differences

In plain words: Accounting → Vendors → Bills to review lists the draft bills that do not match, with the **amount at risk** and a total. **Differences** lists the lines in difference; group them by vendor or product, or switch to the pivot to see the money at risk by vendor.

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Bills to review

Q Search...

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☐ Bill reference	Partner	Invoice/Bill ...	Due Date	Total	Amount at risk	Match	
☐ DEL-1182	TWM Orchid Services	Oct 24	Oct 24	\$ 180.00	\$ 180.00	To review	
☐ INV-0125	TWM Atlas Office Supplies	Oct 22	Oct 24	\$ 840.00	\$ 200.00	To review	
☐ INV-0124	TWM Atlas Office Supplies	Oct 21	Oct 24	\$ 1,455.00	\$ 105.00	To review	
☐ INV-0123	TWM Nordic Furnishings	Oct 20	Oct 24	\$ 2,100.00	\$ 840.00	To review	
				\$ 4,575.00	\$ 1,325.00		

The bills to review, with the amount at risk.

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Differences

Vendor

Search...

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☐ Journal Entry	Partner	Product	Ordered	Received	Billed to date	Billed now	Order price	Unit Price	Amount at risk	Match	
▶	TWM Atlas Office Supplies (2)		130.00	110.00	130.00	130.00	53.00	56.90	\$ 305.00		
▶	TWM Nordic Furnishings (1)		5.00	3.00	5.00	5.00	420.00	420.00	\$ 840.00		
▶	TWM Orchid Services (1)		0.00	0.00	0.00	1.00	0.00	180.00	\$ 180.00		
▶	TWM Ready Seating (1)		10.00	8.00	10.00	10.00	60.00	60.00	\$ 120.00		
									\$ 1,445.00		

The lines in difference.

9. Vendors that must match

In plain words: On the vendor's form, in the **Purchase** section, tick **Bills must match an order**. A line of this vendor's bills that is not on a purchase order is then flagged **Not on an order**, with its whole amount at risk. Leave it unticked for rent, utilities and other bills without an order.

10. Who can do what

Who	Can
Accounting users (Billing)	Create the bills and see the match; they cannot post a bill that needs a review.
Approvers (group Three-way match: approver)	Accept a difference and withdraw an approval; tick Bills must match an order on a vendor.
Purchase administrators and Accounting managers	Are approvers.

11. Arabic and right to left

My Company

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Q

فواتير للمراجعة

	المطابقة	المبلغ المعروض للخطر	Total	Due Date	...ice/Bill Date	Partner	مرجع الفاتورة
	المراجعة	\$ 180.00	\$ 180.00	٢٤ أكتوبر	٢٤ أكتوبر	TWM Orchid Services	DEL-1182
	المراجعة	\$ 200.00	\$ 840.00	٢٤ أكتوبر	٢٢ أكتوبر	TWM Atlas Office Supplies	INV-0125
	المراجعة	\$ 105.00	\$ 1,455.00	٢٤ أكتوبر	٢١ أكتوبر	TWM Atlas Office Supplies	INV-0124
	المراجعة	\$ 840.00	\$ 2,100.00	٢٤ أكتوبر	٢٠ أكتوبر	TWM Nordic Furnishings	INV-0123
		\$ 1,325.00	\$ 4,575.00				

The bills to review in an Arabic interface.

12. Limits

Limit	Detail
Vendor bills only	Customer invoices and credit notes are not checked.
Same unit of measure	The quantities are compared as they are: the bill and the order must use the same unit.
Same currency	The price is compared only when the bill and the order are in the same currency.
Receipts decide	For goods, the quantity received is the one of the purchase order line; a service is matched with the quantity ordered.
Amount at risk in the bill currency	The totals add the amounts as they are, whatever the currency.

13. For developers

In plain words: Skip this chapter if you only use the module.

```
bill = env['account.move'].browse(42)
bill.tx_match_state          # 'ok', 'review', 'approved' or 'na'
bill.tx_match_excess        # the amount at risk, in the currency of the bill
for line in bill.invoice_line_ids:
    print(line.product_id.name, line.tx_match_ordered, line.tx_match_received, line.tx_ma
bill.with_context(taqlnx_skip_match=True).action_post()  # post without the check (an in
```

14. Troubleshooting

Problem	What to do
... does not match the purchase order and the receipts	Receive the goods, correct the bill, or ask an approver to accept the difference.
The bill is not checked at all	The lines must be linked to a purchase order line (use Create Bill on the order or select the purchase document on the bill); a bill without any order line is Not checked.
The approval disappeared	A quantity or a price of the bill changed after the approval: accept the difference again.
I cannot see Accept the difference	You are not an approver: ask for the group Three-way match: approver.
I want to post the bill anyway	An approver accepts it, or untick Block the bills that do not match in the settings.

15. Updating and removing

Replace the folder with the new version, restart Odoo and run `-u taqnix_three_way_match` . The bills, the approvals and the settings are kept.

16. Support

Installation help and bug fixes are included for 6 months, with lifetime updates. Contact us through the marketplace page where you bought the module or write to **support@taqnix.com** with your Odoo version and a screenshot.

Changelog

1.0.0 – Initial release

- Match of each vendor bill line with the purchase order and the quantity received
- Amount at risk; tolerances in percent per company
- Posting of a bill that does not match is blocked until an approver accepts it
- Approval with a reason, void when the bill changes; withdraw the approval
- Posted bills and credit notes of the same order line; vendors that must match; services
- Bills to review and differences lists; Arabic translation, automated tests