

Article Outline	Difference between Job Costing WIP Report and Job Card Transaction screen's WIP Amount
Article Date	2021/11/20
Knowledge Type	Solving an unknown issue
Primary Module	Job Costing
Secondary Module	Job Costing
Knowledge Source	Incoming Customer Query

Outline:

You may observe a difference between the Job Costing WIP report and Job Card Transaction screen WIP Amount.

For example, the Job Costing WIP report displays a value of -R75 (75) as can be seen below

Job Costing Work In Progress										
10-MF										
Job Costing Work In Progress										Page 1 of 1
Job Code:	JOB003		Authorisation:			Start Date:	06/10/2021			
Description:			Final Check:			Delivered Date:	06/10/2021			
Status:	Active		Order No:			Projected Completion:	06/10/2021			
Customer:	ATLAS		Quoted Price:	0.00		Completion Date:				
Customer Name:	ATLAS		Method:	% of Completion Contract						
<u>Date</u>	<u>Type</u>	<u>Status</u>	<u>WIP Account</u>	<u>Description</u>	<u>Unit</u>	<u>Units Dr</u>	<u>Units Cr</u>	<u>WIP Dr</u>	<u>WIP Cr</u>	<u>WIP Bal</u>
06/10/2021	ST	Complete	Work in Progress	RAM		3.00	3.00	300.00	300.00	0.00
06/10/2021	ST	Active	Work in Progress	RAM		3.00		225.00		225.00
06/10/2021	ST	Active	Work in Progress	RAM		-3.00			300.00	(300.00)
								525.00	600.00	(75.00)
Total Work In Progress:								525.00	600.00	(75.00)

However, an amount of **-R375** is shown as the current WIP Amount for the same job on the Job Card.

	Tax Rate (Inv)	WIP Qty	WIP Amount
	15	0.00	R0.00
	15	0.00	R0.00
	15	-3.00	-R375.00

Solution/Details

First note the steps on how the above difference can be recreated:

1. Create a new Inventory item RAM with R100 Average Cost.
2. Create a new Active status Job Costing Jobcard with no transaction lines (not completed).
3. Process GRV 1: 3 units of item RAM and link it to the above jobcard at a cost of R100.00 / unit

The screenshot shows the 'New Goods Received Voucher (GRV0005*)' window. The 'Supplier' is 'ATLAS (ATLAS)'. The 'Order' section shows 'Order Number', 'External Order', 'Order Date' (06/10/2021), and 'Due Date' (06/10/2021). The table below has the following data:

Line	Module	Item	Item Description	Description	Warehouse	Available	Quantity	Price (excl)	Tax Type	Job	Line Tax
1	ST	RAM	RAM	RAM	N/A	0.00	3.00	R100.00	1	JOB003	R45.00

4. Find, open and invoice the Job Card

The screenshot shows the 'Edit Job Card *JOB003*' window. The 'Job Code' is 'JOB003' and 'Job Status' is 'Active'. The 'Customer' is 'ATLAS (ATLAS)'. The table below has the following data:

Line	Inv	Add	Source	Tr Code	Status	Account / Item	Description	Reference	Quantity	Qty To Invoice	Price (excl)	Line Total Tax (Inv)
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ST	ST	Active	RAM	RAM	REF001	3.00	3.00	R5 000.00	R15 000.00

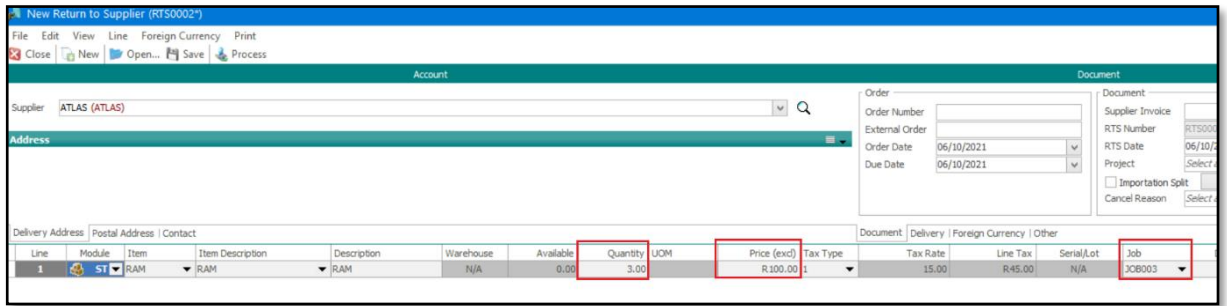
5. Process GRV 2: 3 units of item RAM and link it to the same jobcard at a cost of R75.00 / unit.

Note that the Job Card is not also processed afterwards.

The screenshot shows the 'New Goods Received Voucher (GRV0006*)' window. The 'Supplier' is 'ATLAS (ATLAS)'. The 'Order' section shows 'Order Number', 'External Order', 'Order Date' (06/10/2021), and 'Due Date' (06/10/2021). The table below has the following data:

Line	Module	Item	Item Description	Description	Warehouse	Available	Quantity	Price (excl)	Tax Type	Job	Line Tax	Tax P
1	ST	RAM	RAM	RAM	N/A	0.00	3.00	R75.00	1	JOB003	R33.75	

6. Process a new Return To Supplier (RTS) by finding GRV 1 and use load Template (or linked), as linked to the same jobcard.



- If you now run the Job Costing WIP Report you should observe the negative WIP Quantity as can be seen below.

Job Costing Work In Progress 10-MF

Page 1 of 1

Job Costing Work In Progress

Job Code: JOB003	Authorisation:	Start Date: 06/10/2021
Description:	Final Check:	Delivered Date: 06/10/2021
Status: Active	Order No:	Projected Completion: 06/10/2021
Customer: ATLAS	Quoted Price: 0.00	Completion Date:
Customer Name: ATLAS	Method: % of Completion Contract	

Date	Type	Status	WIP Account	Description	Unit	Units Dr	Units Cr	WIP Dr	WIP Cr	WIP Bal
06/10/2021	ST	Complete	Work in Progress	RAM		3.00	3.00	300.00	300.00	0.00
06/10/2021	ST	Active	Work in Progress	RAM		3.00		225.00		225.00
06/10/2021	ST	Active	Work in Progress	RAM		-3.00			300.00	(300.00)
								525.00	600.00	(75.00)
Total Work In Progress:								525.00	600.00	(75.00)

Please notice that this negative value is not due to a software bug and is simply correctly calculated as per design.

- You'll notice that the Job Card is also revealing the same negative transaction lines value.

Inv	Add	Source	TY Code	Status	Account / Item	Description	Reference	Quantity	Qty To Invoice	Price (exc)	Line Total Tax (Inv)	Tax Rate (Inv)	WIP Qty	WIP Amount
✓	✓	ST	ST	Complete	RAM	RAM	REF001	3.00	0.00	R5 000.00	R15 000.00 I	15	0.00	R0.00
1	✓	ST	ST	Active	RAM	RAM		3.00	0.00	R0.00	R0.00 I	15	0.00	R0.00
1	✓	ST	ST	Active	RAM	RAM		3.00	0.00	R0.00	R0.00 I	15	0.00	(75.00)

9. Now process a Stock Adjustment on item RAM to change the Unit Cost of item RAM. Note that in reality, this cost change may be due to a new GRV at a different price which will have an obvious change in the Cost Price as well.

10. At this stage you should still observe **no difference** on the Job Card.

Tax Rate (Inv)	WIP Qty	WIP Amount
15	0.00	R0.00
15	0.00	R0.00
15	0.00	-R75.00

11. You should also still observe no difference on the WIP Report.

Job Costing Work In Progress											
10-MF											
Job Costing Work In Progress						Page 1 of 1					
Job Code:	JOB003			Authorisation:				Start Date:	06/10/2021		
Description:				Final Check:				Delivered Date:	06/10/2021		
Status:	Active			Order No:				Projected Completion:	06/10/2021		
Customer:	ATLAS			Quoted Price:	0.00			Completion Date:			
Customer Name:	ATLAS			Method:	% of Completion Contract						
<u>Date</u>	<u>Type</u>	<u>Status</u>	<u>WIP Account</u>	<u>Description</u>	<u>Unit</u>	<u>Units Dr</u>	<u>Units Cr</u>	<u>WIP Dr</u>	<u>WIP Cr</u>	<u>WIP Bal</u>	
06/10/2021	ST	Complete	Work in Progress	RAM		3.00	3.00	300.00	300.00	0.00	
06/10/2021	ST	Active	Work in Progress	RAM		3.00		225.00		225.00	
06/10/2021	ST	Active	Work in Progress	RAM		-3.00			300.00	(300.00)	
								525.00	600.00	(75.00)	
Total Work In Progress:								525.00	600.00	(75.00)	

12. Now run a Job Costing WIP Relink as below.

Job Costing Relink X

Recalculate the Job Line WIP Quantities

- Recalculates and updates the Work In Progress available per line.

Recalculate the Inventory WIP Quantities

- Resets Work In Progress Quantity in Inventory.
- Recalculates and Updates Inventory with new Work In Progress Quantity.

Ensure that you have a backup of your data before running this routine!
 Networks: All users must log out
 Once started, this routine must be allowed to run through to completion

13. You should still observe no difference on the WIP Report.

Job Costing Work In Progress											
10-MF											
Job Costing Work In Progress						Page 1 of 1					
Job Code:	JOB003			Authorisation:				Start Date:	06/10/2021		
Description:				Final Check:				Delivered Date:	06/10/2021		
Status:	Active			Order No:				Projected Completion:	06/10/2021		
Customer:	ATLAS			Quoted Price:	0.00			Completion Date:			
Customer Name:	ATLAS			Method:	% of Completion Contract						
<u>Date</u>	<u>Type</u>	<u>Status</u>	<u>WIP Account</u>	<u>Description</u>	<u>Unit</u>	<u>Units Dr</u>	<u>Units Cr</u>	<u>WIP Dr</u>	<u>WIP Cr</u>	<u>WIP Bal</u>	
06/10/2021	ST	Complete	Work in Progress	RAM		3.00	3.00	300.00	300.00	0.00	
06/10/2021	ST	Active	Work in Progress	RAM		3.00		225.00		225.00	
06/10/2021	ST	Active	Work in Progress	RAM		-3.00			300.00	(300.00)	
								525.00	600.00	(75.00)	
Total Work In Progress:								525.00	600.00	(75.00)	

14. However, the Job Card now has a new value that is different than the above WIP Report

	Tax Rate (Inv)	WIP Qty	WIP Amount
	15	0.00	R0.00
	15	0.00	R0.00
	15	-3.00	-R375.00

Solution going forward:

Please note that this matter can be recreated in Sage 200 Evolution version 10.1 (and perhaps lower versions also). It has subsequently been logged as a software bug with reference number logged as **IS-14946**

Also, the current planning is to have this matter resolved in the upcoming Evolution version 11, due for release in 2022.