



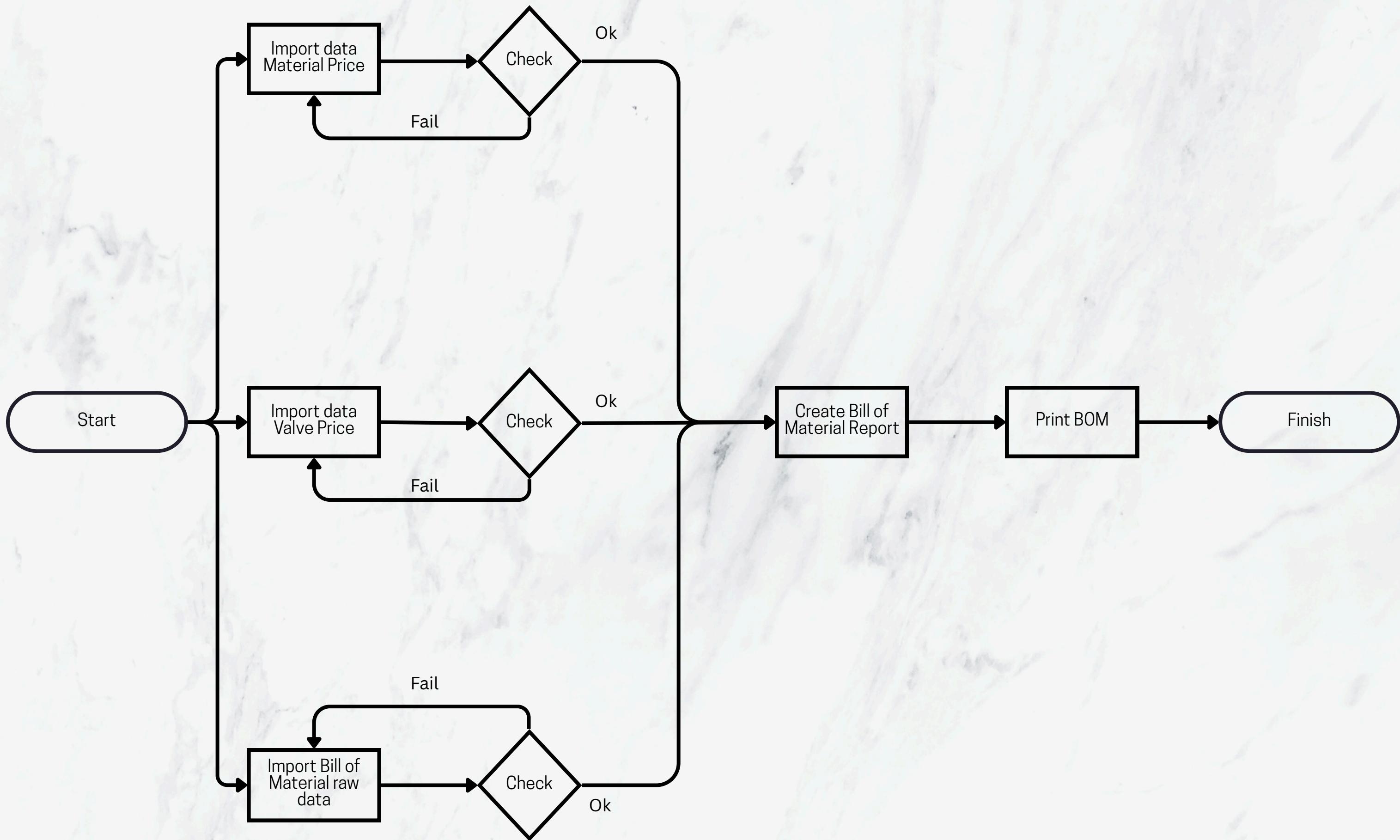
Guidebook

Bill of Material Calculation

Presented By :
Fadel



Flow





Finance & Accounting

Internal System

Menu

Dashboard

Request for Service

Process Cost

Bill of Material

Master Data

Report

R Rudi

#Profile

Change profile configuration like account password, delete account, change website theme.

Guidance

Go

#RFS

This menu is used to submit support requests to developers regarding Information Technology issues.

Guidance

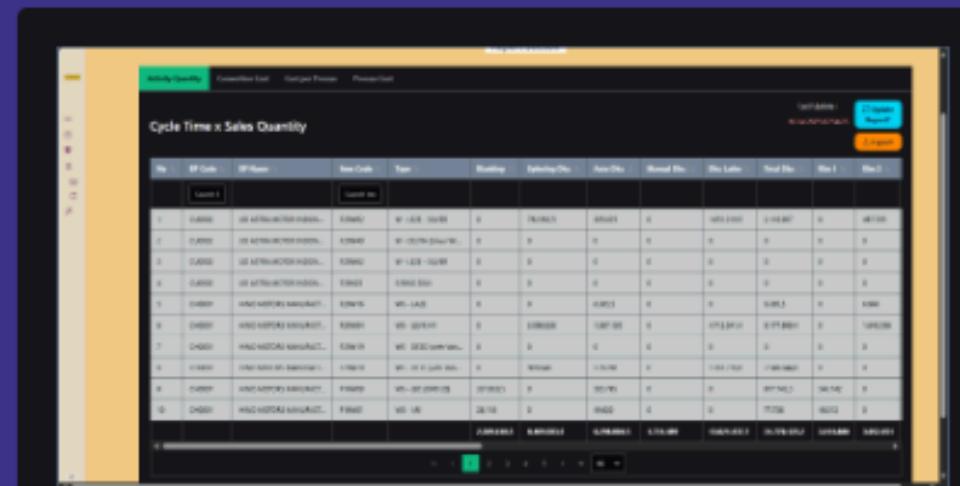
Go

#ProCost

This menu is used to automatically calculate Process Costs. It requires four types of master data: Business Partner, Cycle Time, Sales Quantity, and Wages Distribution.

Guidance

Go



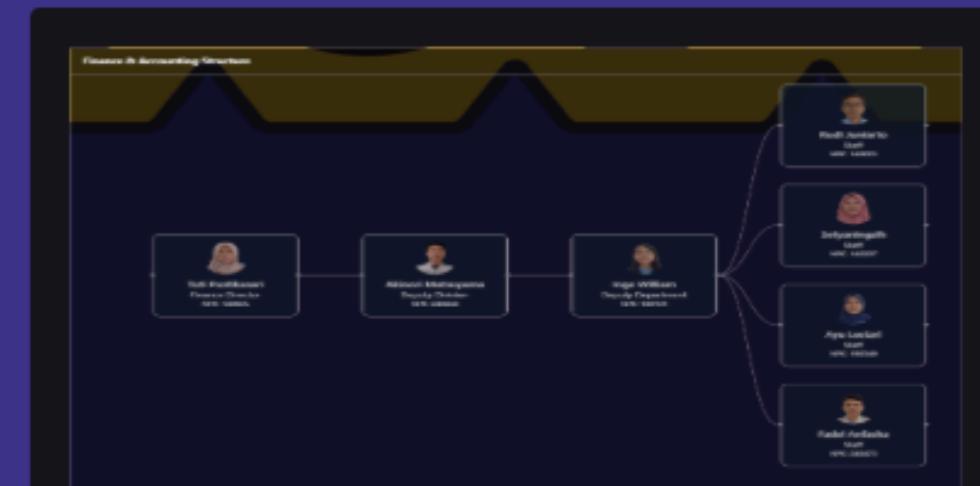
Bill of Material

#BOM

This menu is used to automatically calculate Bill of Material Report. It requires three types of master data: Material Price, Valve Price, BOM raw data.

Guidance

Go



Organization Structure

#OrgChart

Finance & Accounting Organization Structure.

Go

Tekan menu Bill of Material, lalu pilih master data atau jika dari halaman dashboard tekan tombol Go di jendela Bill of Material seperti yang ditunjuk oleh panah (pilih salah satu).

Click the Bill of Material menu, then select Master Data, or if you're on the dashboard page, click the Go button in the Bill of Material window as shown by the arrow (choose one).

Bill of Material (部品表) メニューをクリックしてマスターデータを選ぶか、ダッシュボード画面からは、矢印で示されたBill of Material ウィンドウのGoボタンを押してください（どちらかを選んでください）。



Finance & Accounting
Internal System

Menu

Dashboard

Request for Service

Process Cost

Bill of Material

Master Data

Report

Rudi

Bill of Material > Master Data

Bill of Material

Calculating Bill of Material

Master Data Section

Material Valve Bill of Material

Material Price Last Update : -
Data source From : Share Others/Finacc/Bill of Material/Material Price (MP)/mat_master.csv

No file chosen Import CSV Export

Material Code ↑↓	Description ↑↓	In Stock ↑↓	Group ↑↓	Price ↑↓	Added at ↑↓	Updated at ↑↓	Action
Search item code							

<< < > >>

Perbaharui data Material Price pada alamat yang dilingkari merah kemudian import data dengan menekan tombol Import CSV (ditunjuk panah) lalu tunggu proses import hingga selesai.

Update the Material Price data at the location marked with a red circle. Then, click the Import CSV button (shown by the arrow) and wait until the import process is complete.

赤い丸で囲まれた場所でMaterial Price（材料価格）のデータを更新してください。その後、矢印で示されたImport CSVボタンをクリックして、インポートが完了するまでお待ちください。



Menu

- Dashboard
- Request for Service
- Process Cost
- Bill of Material
- Master Data
- Report

R Rudi

Bill of Material

Calculating Bill of Material

Master Data Section

Material	Valve	Material	Price	Progress :	Import CSV	Export	
Material Code					Added at	Updated at	Action
RFD002	-	1	RAW MATERIAL	Rp 134.129	2025-07-17	2025-07-17	
RFD014	-	2166	RAW MATERIAL	Rp 91.188	2025-07-17	2025-07-17	
RFD016	-	0	RAW MATERIAL	Rp 84.358	2025-07-17	2025-07-17	
RFD017	-	0	RAW MATERIAL	Rp 139.873	2025-07-17	2025-07-17	

Import Confirmation

Progress :

100%

Hi Rudi,

Import **Finish**, it's safe to close window.

Close

No file chosen

Import CSV

Export

No file chosen

The screenshot shows the TOPY Finance & Accounting Internal System interface. The top navigation bar includes a logo, the text "Bill of Material > Master Data", and the title "Bill of Material". Below this, a sub-section titled "Calculating Bill of Material" is shown. A horizontal line separates this from the "Master Data Section". Two red arrows point downwards from the "Master Data Section" label to the "Valve" and "Bill of Material" tabs in the navigation bar. The "Valve" tab is highlighted with a green background. The "Master Data Section" contains the following elements:

- Valve Price**: The section title.
- Last Update**: -
- Data source From**: Share Others/Finacc/Bill of Material/Valve Price (VP)/vp_master.csv
- Import CSV** (green button)
- Export** (orange button)
- No file chosen**
- Table Headers**: Item Code ↑↓, Price ↑↓, Added at ↑↓, Updated at ↑↓, Action
- Search Bar**: Search item code
- Pagination**: <<, <, >, >>

On the left side, there is a vertical menu with the following items:

- Dashboard
- Request for Service
- Process Cost
- Bill of Material
- Master Data
- Report

At the bottom left, there is a user profile section with the name "Rudi".

Lakukan hal yang sama untuk menu Valve, dan Bill of Material. Jangan lupa untuk memperbaharui data sebelum diimport.

Do the same steps for the Valve and Bill of Material menus. Don't forget to update the data before importing.

**Valve (バルブ) と Bill of Material (部品表) **のメニューでも同じ手順を行ってください。インポートする前にデータを更新するのを忘れないでください。



Finance & Accounting
Internal System

Menu

Dashboard

② Request for Service

\$ Process Cost

🔧 Bill of Material

Master Data

Report

R Rudi

Material	Valve	Bill of Material									
Bill of Material			Last Update : 17 Jul 2025 11:43:25					Data source From : Share Others/Finacc/Bill of Material/Bill of Material (BOM)/bom_master.csv			
								Import CSV			
								No file chosen			
Item Code ↑↓	Description ↑↓	Unit of Material ↑↓	Quantity	Warehouse	Depth	BOM Type	Added at ↑↓	Updated at ↑↓	Action		
	Search iter										
F15D01	DISC - ZKO DE	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15D02	DISC QDF	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15N01	S.RING F15	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15N02	S.RING F15 ZENKO	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15N03	S.RING GS15	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15W01	WS - QDE LWB	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15W02	WS - BRAA	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		
F15W03	WS - SFUB	PCS	1	TPF	1	Production	2025-07-17	2025-07-17	🕒		



Jika sudah, pergi ke menu Report (ditunjuk panah).

When you're done, go to the Report menu (shown by the arrow).

完了したら、矢印で示されているレポートメニューに進んでください。

TOP

Bill of Material

Calculating Bill of Material

Report Section

Generate/Explode BOM

Last Update : -

Update Report?

Export

Bill of Material

# ↑↓	Item Code ↑↓	Type ↑↓	Name ↑↓	Qty ↑↓	Disc ↑↓	Price ↑↓	Qty ↑↓	Rim ↑↓	Price ↑↓	Qty ↑↓	Sidering ↑↓	Price ↑↓	Pr Disc ↑↓	Price ↑↓	Pr Rim ↑↓	Price ↑↓
	Search item	Select prior...														

< > << >> 10



Untuk mengeluarkan nilai reportnya cukup menekan tombol Update Report (ditunjuk panah).

To display the report values, just click the Update Report button (shown by the arrow).

レポートの値を表示するには、矢印で示されたUpdate Reportボタンをクリックするだけです。



Bill of Material

Calculating Bill of Material

Report Section

Generate/Explode BOM

Last Update :
17 Jul 2025 11:48:25

Bill of Material

Update Confirmation

Hi Rudi,
Finished updating the report.
It's now safe to close this window.

Close

Bill of Material Data (Table)

#	Item Code	Type	Name	Price	Qty	Sidering	Price	Pr Disc	Price	Pr Rim
1	F15D01	Disc	DISC - ZKO DE	0	0	0	0	RS-DC02	0	
2	F15D02	Disc	DISC QDF	1	RFD054	141.498	0	RS-DC28	0	
3	F15N01	Side Ring	S.RING F15	0		0	0	RFS011	42.270	
4	F15N02	Side Ring	S.RING F15 ZENKO	0		0	0	RFS011	42.270	
5	F15N03	Side Ring	S.RING GS15	0		0	0	RFS024	51.834	
6	F15W01	Wheel	WS - QDE LWB	1	RFD016	84.358	1	RFR013	89.254	0.5
7	F15W02	Wheel	WS - BRAA	1	RFD002	134.129	1	RFR013	89.254	0.5
8	F15W03	Wheel	WS - SFUB	1	RFD017	139.873	1	RFR013	89.254	0.5
9	F15W04	Wheel	WS - SELUR (MTR 140)	1	RFD017	130.873	1	RFR013	89.254	0.5

Jika Update Report sudah selesai silahkan tutup window Update Confirmation dan data Bill of Material sudah bisa dilihat.

Once the Update Report is complete, please close the Update Confirmation window. The Bill of Material data can now be viewed.

Update Reportが完了したら、Update Confirmationウィンドウを閉じてください。**Bill of Material (部品表) **のデータが表示されるようになります。



Generate/Explode BOM

Last Update :

17 Jul 2025 11:48:25

Update Report?

Export

Bill of Material



# ↑↓	Item Code ↑↓	Type ↑↓	Name ↑↓	Qty ↑↓	Disc ↑↓	Price ↑↓	Qty ↑↓	Rim ↑↓	Price ↑↓	Qty ↑↓	Sidering ↑↓	Price ↑↓	Pr Disc ↑↓	Price ↑↓	Pr Rim ↑↓
1	F15D01	Disc	DISC - ZKO DE	1	RFD019	0	0		0	0		0	RS-DC02	0	
2	F15D02	Disc	DISC QDF	1	RFD054	141.498	0		0	0		0	RS-DC28	0	
3	F15N01	Side Ring	S.RING F15	0		0	0		0	0.5	RFS011	42.270		0	
4	F15N02	Side Ring	S.RING F15 ZENKO	0		0	0		0	0.5	RFS011	42.270		0	
5	F15N03	Side Ring	S.RING GS15	0		0	0		0	0.33333	RFS024	51.834		0	
6	F15W01	Wheel	WS - QDE LWB	1	RFD016	84.358	1	RFR013	89.254	0.5	RFS011	42.270	RS-DC01	0	RS-RBO
7	F15W02	Wheel	WS - BRAA	1	RFD002	134.129	1	RFR013	89.254	0.5	RFS011	42.270	RS-DC04	130.266	RS-RBO
8	F15W03	Wheel	WS - SFUB	1	RFD017	139.873	1	RFR013	89.254	0.5	RFS011	42.270	RS-DC03	130.266	RS-RBO
9	F15W04	Wheel	WS - SFUB (MTB 140)	1	RFD017	139.873	1	RFR013	89.254	0.5	RFS011	42.270	RS-DC03	0	RS-RBO
10	F15W05	Wheel	WS - PDFA	1	RFD014	91.188	1	RFR013	89.254	0.5	RFS011	42.270		21.631	RS-RBO

<< < 1 2 3 4 5 > >> 10 ▾

Jika ingin export data report kedalam CSV, tinggal tekan tombol Export (panah merah).

To export the report data to a CSV file, just click the Export button (red arrow).

レポートのデータをCSVとしてエクスポートするには、Exportボタン（赤い矢印）をクリックしてください。

Not secure 192.168.14.10/bom/report

Generate/Explode BOM

Bill of Material

Export **Update Report?** OPEX: 6% Profit Margin: 5% **Update Value?**

Last Update : 06 Aug 2025 09:34:17

WiP CED W ↑↓	Cost ↑↓	WiP CED SR ↑↓	Cost ↑↓	WiP Topcoat W ↑↓	Cost ↑↓	WiP Topcoat SR ↑↓	Cost ↑↓	WiP Valve ↑↓	Cost ↑↓	Total Raw Material ↑↓	Total Process ↑↓	Total ↑↓	Action
-	0	-	0	-	0	-	0	-	0	0	0	0	①
-	141.498	-	0	-	141.498	-	0	-	0	141.498	0	141.498	①
-	13.661,43	WE1S-001	60.316,58	-	13.661,43	-	60.316,58	-	0	42.270	42.628,01	84.898,01	①
-	0	WE1S-002	42.270	-	0	-	42.270	-	0	42.270	0	42.270	①
-	13.661,43	WE1S-012	69.880,58	-	13.661,43	-	69.880,58	-	0	51.834	42.628,01	94.462,01	①
WE1W-002	173.612	WE1S-001	42.270	-	173.612	-	42.270	-	0	215.882	0	215.882	①
WE1W-001	464.277,29	WE1S-001	65.653,72	-	464.277,29	-	65.653,72	-	0	265.653	276.290,01	541.943,01	①
WE1W-004	470.021,29	WE1S-001	65.653,72	-	470.021,29	-	65.653,72	-	0	271.397	274.288,01	545.685,01	①
WE1W-005	229.127	WE1S-001	42.270	-	229.127	-	42.270	-	0	271.397	0	271.397	①
WE1W-003	312.701,29	WE1S-001	65.653,72	-	312.701,29	-	65.653,72	-	0	222.712	165.653,01	388.365,01	①

Jika ingin cetak BOM per product cukup dengan menekan button pada kolom action (panah merah), untuk merubah biaya OPEX dan Margin silahkan tekan button Update Value.

To print the BOM for each product, just click the button in the Action column (red arrow). To change the OPEX and Margin values, click the Update Value button.

各製品のBOMを印刷するには、アクション列のボタン（赤い矢印）をクリックしてください。OPEXとマージンの値を変更するには、Update Valueボタンをクリックしてください。

A Not secure 192.168.14.10/bom/preview/F15W02?opex=6&progin=5

Print

Total: 1 sheet of paper

Printer: Canon iR-ADV 4245/4251 UFR...

Copies: 1

Layout: Landscape (highlighted with a red arrow)

Pages: All

e.g. 1-5, 8, 11-13

Print on both sides: Print on one side

Paper size: A4 (highlighted with a red arrow)

Print Cancel

Total Cycle Time: 133 Total Manufacturing Cost: 541.943

STANDARD COST 2025
06 Agustus 2025

ITEM CODE F15W02	TYPE WS - BRAA	STANDARD COST 2025 06 Agustus 2025											
		Qty	Price	Total	Qty	Price	Total	Qty	Price	Total	Qty	Price	Total
F15W02	WS - BRAA											541.943	
	PR Packing											1,00 12.012 12.012	
	Packing	26,4											
WE1W-001	CED - BRAA											464.277	
	PR RS-CD01	CED PROCESS BRAA											
		Ced	67%	6,1									
WE1S-001	CED - SIDE RING 15											65.654	
	PR RS-CD33	CED PROCESS SIDE RING 15											
		Ced	67%	2,4									
WC1W-001	RIM DISC - ASSY BRAA											437.273	
	PR RS-AS01	ASSY PROCESS BRAA											
		AssyT	76%	15,0									
WD1S-001	SIDE RING - SIDE RING 15 X 5.50F												
	RM RFS011	SIDERING BAR S25CL FX15 (h 48 mm)											
		0,50	42.270	42.270									
WA1R-001	SIDE RING PROCESS 15F												
	PR RS-SR02	Forming	66%	12,0	1,00	12.582	12.582						
WB1D-004	RIM BAR - RIM BAR 15 X 5.50F											150.956	
	RM RFR013	RIM BAR RIM-T 550FX15TP (h 160 mm)											
		1,00	89.254	89.254									
	PR RS-RB01	RIM BAR PROCESS 15											
		Rim1	65%	14,0	1,00	61.702	61.702						
	DISC - DISC 5.3 BRAA											264.395	
	RM RFD002	BRAA (OWO 50) - DISC 5.3 X 375 X 375											
		1,00	134.129	134.129									
	PR RS-DC04	DISC PROCESS BRAA											
		ManualDisc	65%	57,0	1,00	130.266	130.266						
	Total Cycle Time:	133	Total Manufacturing Cost:	541.943									

Total Raw Material : 265.653

Total Process : 276.290

Note:
This amount is included all inefficiencies, since actual production conditions (TPP Target from PPIC) are applied on it.
To be able to compete with market prices, the cost of 10-25% may be deducted from process cost

Prepared, _____

Approved, _____

Mfg Cost 541.943
6% OPEX 32.517
Total Cost 574.460
5% Profit Margin 28.723
Selling Price 603.183

Pastikan layoutnya landscape dan menggunakan kertas ukuran A4 lalu tekan tombol print.

Make sure the layout is set to landscape and use A4 paper, then click the Print button.

レイアウトが**横向き（ランドスケープ）**で、A4用紙を使用していることを確認し、印刷ボタンをクリックしてください。

A faint, light gray pencil sketch of a landscape scene occupies the background. It depicts a dense forest of tall trees with detailed foliage, a winding path or riverbed cutting through the center, and a distant, hazy horizon under a clear sky.

Finish

