

Body Landmarking the Alvanon Digital Avatar in Browzwear

****Vendor Copy****

Table of Contents

- Overview: Digital Avatar Landmarks
- Downloading Landmarks from OnePLM
- Importing Landmarks
- Landmark VStitcher function
 - Hiding/Unhiding
- Exporting Landmarks
- CTD Application: How to use Body Landmarks



Why use Digital Avatar Landmarks?

- Digital Landmarks give us reference points to build **fit consistency** between the physical dressform and the digital garment as well as **visual consistency** between Kohls TD and our partners-Vendors, Design, etc.



How to Download from OnePLM Fit library:

The screenshot displays the OnePLM Fit library interface for a style named "FIT LIBRARY-WMNS-MATERNITY". The interface includes a navigation menu on the left, a top header with the Kohl's logo and search options, and a main content area with various tabs and sections.

Navigation Menu:

- DESIGN CENTER DASHBOARD
- Style
- PRODUCTION SOUR...
- SUPPLIER MANAGE...
- REQUEST FOR QUOTE
- SEARCH

Top Header:

- KOHL'S
- Style Quick Search
- Go Global Search
- Welcome BRITTANY BAKER

Style Overview:

- Overview (selected)
- Design Intent
- Constructions
- Instructions
- POM
- Samples
- BOM
- Attachments
- Events
- Change Tracking
- More Actions...
- Saved Searches
- Create Style

Style Information:

Style No	Style Description	Development Stage	TD Style Development Handoff
FIT LIBRARY-WMNS-MATER...	FIT LIBRARY-WMNS-MATER...	COSTING SPEC	01/31/2017

TD Dev Location	Technical Designer	Base Request No	Design Handoff Date
MILWAUKEE	JERILYN BOOTH		

Design Definition	Gender

Tech Design Notes:

- 3/2018 Update to Ladies reg grades for FL18
- 5/2018 Update

Hierarchy Information:

Fiscal Season	Commodity	Brand	Division

Copyright © 2002-2022 Bamboo Rose LLC

How to Import a Body Landmark (.vsm) file:

Be sure the correct avatar is open before importing the landmark file.

The screenshot shows the 3D software interface with an avatar model. The '3D Measurements' panel is open, displaying a table of measurements. A file explorer window is open, showing a file named 'WMT7M12-1903 DRESSFORM BODY LANDMARKS 6-9-22.vsm'. Red arrows and numbers 1 and 2 highlight key steps: 1 points to the '3D' tab, and 2 points to the 'Import 3D Measurements...' button.

Name	Length (in)	Always
PLACEMENT: ...	1.928	<input type="checkbox"/>
PLACEMENT: ...	1.206	<input type="checkbox"/>
PLACEMENT: ...	1.563	<input type="checkbox"/>
PLACEMENT: ...	5.000	<input type="checkbox"/>
PLACEMENT: ...	1.747	<input type="checkbox"/>
PLACEMENT: ...	5.289	<input type="checkbox"/>
PLACEMENT: I...	22.040	<input type="checkbox"/>
PLACEMENT: I...	5.007	<input type="checkbox"/>
PLACEMENT: ...	3.026	<input type="checkbox"/>
PLACEMENT: ...	6.010	<input type="checkbox"/>

3D Measurement File extension should be .vsm

WMT7M12-1903 DRESSFORM BODY LANDMARKS 6-9-22.vsm

* Note if you already have 3D measurements for the avatar, the imported file will not replace the existing measurements, but add additional or duplicate measurements. If you wish to 'replace' the measurements, you should delete the old measurements first!

Importing 3D Measurements:

File Edit View Tools 3D Environment Garment Help

Select Texture Stitch Assign Insert Pen Annotate Arrange Size M Snapshots Colorways Prepare Dress Finish Undress Styling Render Share

Edit Points Pieces Internal Gizmo Snap to Point Edge Grid Guideline Slide

2D Materials 3D Params

Search...

- LIN [23]
- WB [12]
- BND [11]
- STR [9]
- STR [10]
- BK [8]
- LIN [20]
- LIN [19]
- LIN [18]
- LIN [17]
- LIN [16]
- LIN [15]
- FR [7]
- CF [5]

(Empty) External Drawings

The screenshot displays a software interface for 3D garment design. On the left, a '2D' tab is active, showing a list of pattern pieces (LIN, WB, BND, STR, BK) and a search bar. The main workspace is divided into two panels. The left panel shows 2D pattern pieces for a bikini top and bottom, with various measurement lines and labels such as 'X: 10', 'Sym X: 9', 'Sym X: 20', 'X: 3', 'X: 6', 'Sym X: 4', and 'Sym X: 5'. The right panel shows a 3D model of a woman wearing a bikini, with pink measurement lines overlaid on her body to indicate the 3D measurements used for the garment. The right sidebar shows a 'Piece' tab with 'No Selection' and various tool icons.

Hiding/Unhiding Landmarks:

3D Measurements | Avatar Type: KOS-WMT7M12-1903_D_120820 89534b854d4fe9eb3c29b250bcef9d85

Name	Le...	Always show on KOS...
26. INSEAM: 5" Short @ Mid-Thigh Mark	21.964	<input checked="" type="checkbox"/>
27. INSEAM: 9" Bermuda 5" above Knee	18.469	<input checked="" type="checkbox"/>
28. INSEAM: 22" Capri 7 1/4" above center of ...	14.052	<input checked="" type="checkbox"/>
29. INSEAM: 24" 7/8 crop 5 1/4" above center ...	12.802	<input checked="" type="checkbox"/>
30. INSEAM: 26" Crop 3 1/4" above center of ...	11.685	<input checked="" type="checkbox"/>
31. INSEAM: 27 1/2" Ankle 1 1/4" above cente...	10.431	<input checked="" type="checkbox"/>
32. INSEAM: 29" Skinny 1/4" blw center of Ankle	9.279	<input checked="" type="checkbox"/>
33. INSEAM: 30" Straight 1 1/4" above bottom...	8.624	<input checked="" type="checkbox"/>
34. INSEAM: 31-32" Wide Leg-Bootcut=1/2" b...	7.811	<input checked="" type="checkbox"/>
PLACEMENT: AH 5/8" abv Chest	0.589	<input type="checkbox"/>
PLACEMENT: AH Curve 2 1/4" frm sideseam	2.213	<input type="checkbox"/>
PLACEMENT: AH Curve 2 1/8" above chest	1.919	<input type="checkbox"/>
PLACEMENT: AH Shoulder blade 1/4" blw chest	0.340	<input type="checkbox"/>
PLACEMENT: Body Lgth Dress Meas	6.010	<input type="checkbox"/>
PLACEMENT: Body Lgth-TOP Meas	3.026	<input type="checkbox"/>
PLACEMENT: Inseam from Knee Meas	5.007	<input type="checkbox"/>
PLACEMENT: Inseam Meas	22.040	<input type="checkbox"/>
PLACEMENT: NK-Bk Nk Drop meas blw CB NK	5.259	<input type="checkbox"/>
PLACEMENT: NK-Ft Nk drop meas	1.747	<input type="checkbox"/>
PLACEMENT: SLV Lgth Meas	5.000	<input type="checkbox"/>
PLACEMENT: Waist CB 1 1/2" blw waist	1.563	<input type="checkbox"/>
PLACEMENT: Waist CB 1 1/4" blw Underbust	1.206	<input type="checkbox"/>
PLACEMENT: Waist CF 2 above Low Hip	1.928	<input type="checkbox"/>

Name
PLACEMENT: Body Lgth Dress Meas Save

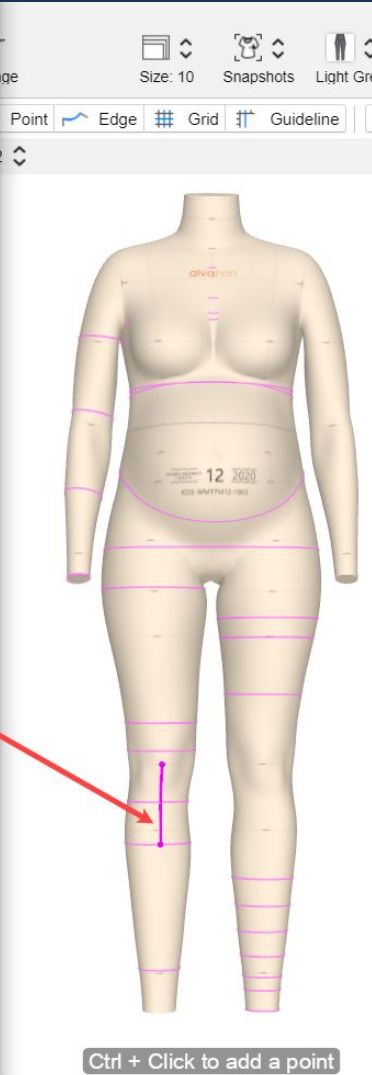
Measurement
6.01 in

Measurement Method

- Tape
- Surface
- Straight
- Circumference

Landmarks can be hidden/unhidden by checking or unchecking the box.

If you select a landmark to 'edit', it will be come visible on the avatar for editing, but will not be visible unless you check the box.



Close

Ctrl + Click to add a point

Exporting the Digital Avatar Landmarks:

Once you have finished reviewing all your body landmarks on your avatar, you should export your Avatar landmark file (.vsm) so it can be shared with your technical designer, designer, and etc.



Make sure your Avatar pose is Arms down before exporting



Make sure your Body Landmark file has correct **Avatar dress form number + Brand/Category** if you are using same dress form as multiple areas

3D Measurements | Avatar Type: KOS-WMT7M12-1903_D_120820 89534b854d4fe9eb3c29b250bcef9d85

Name	Length (in)	Always show on KOS...
1. NK: Crew 1 3/4" blw NK	0.656	<input checked="" type="checkbox"/>
2. NK:Scoop & Square N...	0.747	<input checked="" type="checkbox"/>
3. NK: Modesty Nk 5 1/2"...	0.793	<input checked="" type="checkbox"/>
4. NK: Fashion Modesty ...	0.748	<input checked="" type="checkbox"/>
5. NK: Standard Bk Nk D...	0.669	<input checked="" type="checkbox"/>
6. NK: Square Nk Bk Nk ...	0.675	<input checked="" type="checkbox"/>
7. BODY LGTH: Empire ...	32.154	<input checked="" type="checkbox"/>
8. BODY LGTH: Fitted S...	42.322	<input checked="" type="checkbox"/>
9. BODY LGTH: Full Swe...	24.835	<input checked="" type="checkbox"/>
10. BODY LGTH: Babyd...	16.741	<input checked="" type="checkbox"/>
11. BODY LGTH: Knee L...	15.633	<input checked="" type="checkbox"/>
12. BODY LGTH: Below ...	14.052	<input checked="" type="checkbox"/>
13. BODY LGTH: Midi Dr...	15.122	<input checked="" type="checkbox"/>
14. BODY LGTH: Maxi D...	9.674	<input checked="" type="checkbox"/>
15. AH: FT AH Curve 2 1/...	0.737	<input checked="" type="checkbox"/>
16. AH: Slvless AH 1" ab...	0.786	<input checked="" type="checkbox"/>
17. AH: Reg AH Drop 5/8...	0.692	<input checked="" type="checkbox"/>
18. AH: Racer BK AH 1/4...	0.573	<input checked="" type="checkbox"/>
19.SLV: Short Slv 1/2" ab...	12.401	<input checked="" type="checkbox"/>
20. SLV: Elbow Slv 1" ab...	10.182	<input checked="" type="checkbox"/>
21. SLV: 3/4 Slv 5" above...	8.698	<input checked="" type="checkbox"/>
22. SLV: Long Slv 2" blw ...	5.916	<input checked="" type="checkbox"/>

Export All 3D Measurements...
Import 3D Measurements...


Measurement Method


- Tape
- Surface
- Straight
- Circumference


Close


How to use the Digital Body Landmarks:

Fabrication elongation and sewing may still create some discrepancies between how your garment aligns to your landmarks on your digital avatar and the physical dressform:

 Start with reviewing a proven block or reference pattern.

 If possible, check multiple styles to look for consistencies in how the digital garment aligns vs the physical sample.

 Experiment with adjusting how the digital sample is arranged and placed on the avatar to make sure the placement is not causing any visual discrepancies

 Eventually you may find consistent placement differences that will allow you to make a digital visual standard which will be the expected outcome of your digital sample vs the physical sample.



Use Landmarked Avatar as a Landmark file for vendor:

SONOMA MATERNITY LANDMARKS

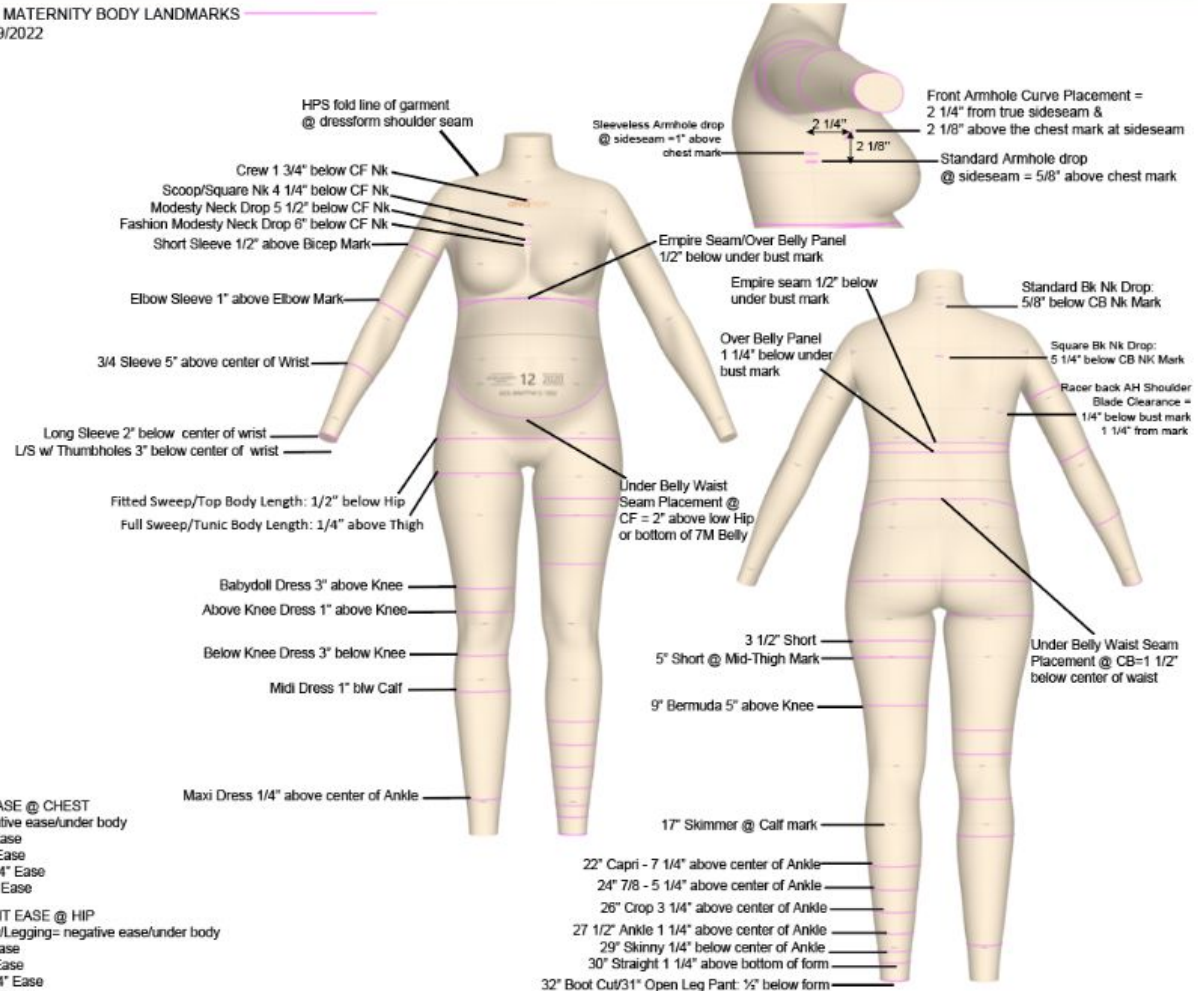
MISSY SIZE 12 DRESSFORM: KOS-WMS0012-1604

7 MONTH BELLY: KOS-WMT7MAB-1605

KOS-WMT7M12-1903 MATERNITY BODY LANDMARKS

Date Last Updated: 6/9/2022

Body Landmark File for vendor to show landmarks on physical dressform.



TOPS FIT EASE @ CHEST

Fitted = negative ease/under body
 Slim = 0-1" Ease
 Easy = 1-2" Ease
 Relaxed = 2-4" Ease
 Loose = 4" + Ease

BOTTOMS FIT EASE @ HIP

Fitted/Skinny/Legging= negative ease/under body
 Slim = 0-1" Ease
 Easy = 1-2" Ease
 Relaxed = 2-4" Ease
 Loose = 4" + Ease

Digital Avatar Landmark : Key Takeaways

- 💡 Presentation shows Sonoma Maternity Digital Avatar Landmarks as an example
- 💡 Based on Product Categories and TD preferences, digital avatar landmarks may vary in total.
- 💡 As more TDs upskill in 3D, they will begin to create digital avatar landmarks for reference.
- 💡 Please reach out to your TD partners with any questions regarding Digital Avatar Landmarks

