## manarican Analysis 2D Eachian Dasian Caft

Comparison Analysis 3D Fashion Design Software					
Software Operating System	Lectra	Marvelous Designer	One-stop solution to digital clothing,  DC Suite 5.0	optitex software that fits	© ( © 3D
OSX Windows Linux	No Yes No	Yes Yes Yes	No Yes No	No Yes No	Yes Yes Yes
Simulation Possibilities  Static/Dynamic	Static	Static and Dynamic	Static and Dynamic	Static and Dynamic	Both
Cache/Realtime  Collision Handling 1-5 *	Realtime  Command bar Fabric	Realtime	Cache	Cache	Realtime 
Fabric Behaviour 1-5 🗪	Fabric type  2428-Canvas_washed-Cottor  C: \text{Program Files (x8 )}  2434-Canvas_primary-Cottor  Posture  Mannequin				
Avatar (Look)	Posture file  C:\Program Files (x86 )  Accross Front.lsp  Alex.mnq  Bob.mnq  Command bar  Measurements	Yes	Avatar Editor  Body Face Hair Accessory Motion Landmark Measur  Yes  Color  Avatar Editor  Motion Landmark Measurement	Yes  Worphs Basic Lergith Orcum But Sneskers Sneskers Sneskers Sneskers Shoes Heig	Yes
Avatar (Sizing)  Avatar (Library)	Name	No	Circumference Asserting Research Probability Research Res	Crum Pose Pose Preset Preset Prost Footw Sods Har Should Enviror Access Misc  Yes	Yes
Pattern Drawing	Selection s Selection s Current sheet Current sheet Current sheet  Derived pieces  Cut Straight  Notch  Selection s Current sheet  Underwind sheet  Line seam U		DC File Edit Layout Settings Help  20 Pettern Window - Select  View Show Select Point Line Panel Dart Pleats Gather Seam Sync Automation		INO
Line/point/panel options  Darts	CutzPts Orientation Piece seam Opel. line seam val. Piece seam Opel. piece seam val. Fusing value Del. fusing val. Axis Add corner Delete corner Change corner Change corner Change corner Change corner Change data Pivoting Dart X sym Pattern hook hole Dart functions but not very convenient to use	Few options but all three are covered  Dart function but not very precise	Create Danel  Convert To Symmetric Panel  Asymmetric Replace Symmetric Panel  Create Interior Panel  Replace Contour  Fig Panel  Micror Panel  Cut Pan	Broad options for all these three options  Many dart functions	Additional 2D tools are provided in CLO3D that are not available in MD
Automatic drafting	No	No	Draft Item Bolice   Lirati Type Type 1   Size	No	No
Design		MATINE DISCONNERS  TO 100 SQUARE STRONG Storage States Add Storage States Storage Stor	The size trace strong any trace with the size of the strong and the size of the s	To the face the face of the fa	
Pattern/3D separateor together	Separate Together	Together No. 20 11 1	Together	Together  Togeth	Together
Automatic sync 2D/3D Pinning Moulage	One way communication from pattern to 3D program  Yes  No	Yes - Optional Yes Yes Yes	Yes - Optional No No	No - Hand held sync button No No	Yes (optional) Yes Yes
Line to line sewing	Yes	Yes	Yes	Yes	Yes
Free sewing Point to point sewing	No Yes	Yes	No Yes	Yes	Yes Yes
Pull	Yes	Yes	No	Yes	Yes
Selecting Vertexes  Locking Vertexes	No No	Yes Yes	Yes	No No	Yes Yes
Prints	Yes	Yes	Property Editor  Attribute  Sprite  Mapping Control  Translate  V 17.35  Scale  Print2.png  Mode  Repeat  Flip  Flip	Yes	Yes
Print placement and modification Coloring	Yes - Very broad  Yes - Pantone colourbook	Yes - Very broad Yes - Colourpicker	Yes - Limited Yes - Colourpicker	Yes - Very broad  Yes - Colourpicker	Yes
Textures	No	No	No	Yes	
Double sided fabric Seam visualization	Yes - You can change thickness of seams	Yes - Even the side Yes - Even padding/quilting	Yes - Even padding/quilting	Yes - You can change thickness of seams	Yes Yes
Stitches	Yes	No	Yes	Yes Size: 38	Yes
Pockets Buttons Library	Yes - Not very user friendly Yes Yes	Yes - Works very well  Yes - Very realistic  Yes	Yes - Works okay Yes - Not very realistic Yes	Yes - Works okay Yes - quite realistic Yes	Yes Yes Yes
Import Options  MDL/DXF  .obj	Yes No	No Yes	Yes	Yes Yes	Yes (DXF-AAMA) Yes
Export Options  MDL/DXF .obj	Yes Yes	No Yes	Yes	Yes	Yes (DXF-AAMA) Yes
Communication with other programs  Maya	No	Yes	Yes - Not now though	Yes	Yes
3DS Export/Plug In Pricing	No No	Yes Plug-in	No Plug-in	No Export	Yes Yes
Price Licence  Topology	\$6,100 Dongle	\$550 Code	\$20,000 Code	\$9000 Dongle	\$18,000  Dongle (enterprise)
Faces Vertexes Edges	Yes Triangular Yes	Yes Triangular/Quadrangular Yes	Yes Triangular Yes	Yes Triangular Yes	Yes Triangular / Quad Yes
UV unwrapping  User Friendliness  Easy to learn	Yes  No - Even after months practice it's still hard to understand	Yes - One or two days	Yes - One week	Yes - Two week	Yes Identical experience
Manuals/self-study Clear interface	Yes - Online No - It is not very userfriendly	Yes - Online Yes	Yes - Not online Yes	Yes - Online Yes	Videos provided Identical experience
media <b>LAB</b> amsterdam http://medialab.hva.nl/3dfashion/	Lectra	Marvelous Designer Ter Computer Graphic Arten	One-stop solution to digital clothing,  DC Suite 5.0	optitex software that fits	© ( ) 3D