

Assyst – Avaluation



Who we are :

- **We help apparel retailers and brands to digitize their product development process.**
- **Founded in 1985 with expertise in CAD 2D and started the 3D Journey in 2007.**
- **Office in Munich (Assyst) and office in Kaiserslautern (Avalution).**
- **Market Leader in Germany, Switzerland and Austria.**



Solutions Overview :

With our products and services, we cover the entire 3D product development process :

- **3D Body Scanning, 3D Avatar, Fit Forms**
- **Sizing & Fitting Solutions, Fit Standard validation.**
- **CAD 2D, Lay Marker, Automarker, Autocost, Plotter, Digitizer, Made to Measure...**
- **CAD 3D : Vidya 3D**



- **Design Phase**
- **Virtual Fitting**
- **Sell in Virtual Showrooms**
- **Assortment and Line planning**
- **Development / Manufacturing Phase**

Why 3D ?

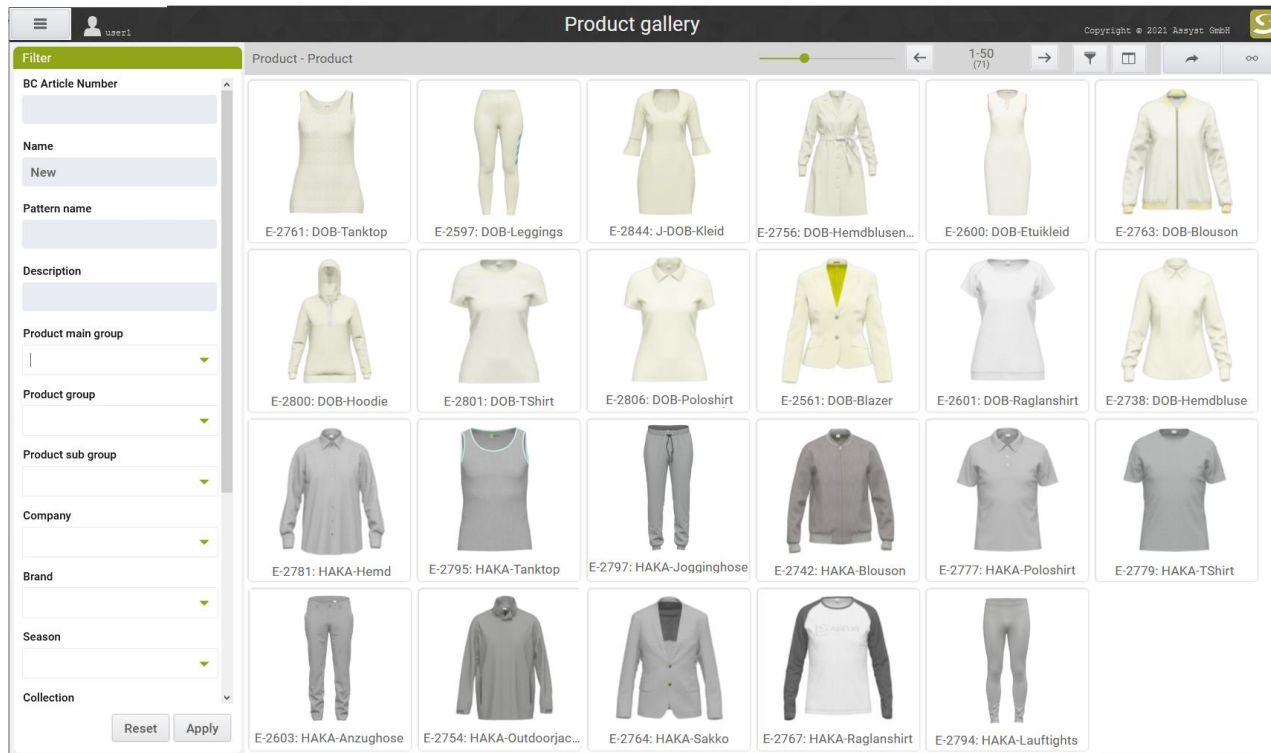
3D is a Galaxy....It's not one software

- **Training**
- **3D Avatars**
- **Fabric Library**
- **Fit/Style Block Library**
- **Processes**
- **Interface with other solution...**
- **Time to master...**



3D Uses for most Brands

- 3D Digital Mood Board
- 3D Digital Collection



3D Uses for most Brands



Existing product

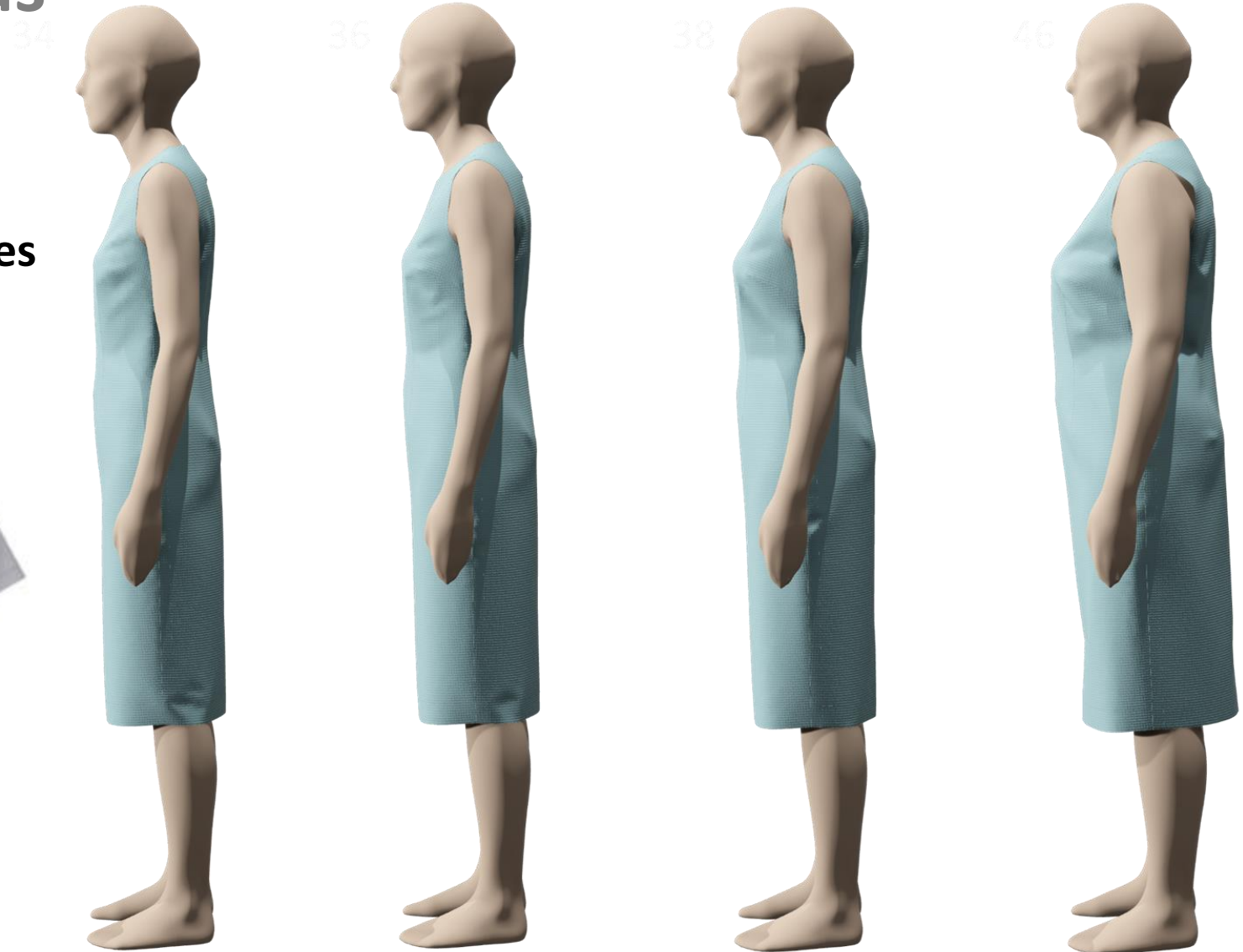


Print Placement

Colors

3D Uses for most Brands

- **Print placement on graded sizes**
- **Length and proportion at every sizes**
- **Virtual Fitting at every sizes**



3D Uses for most Brands

Sharing 3D samples internally and externally



NEWSLETTER LOGIN KONTAKT

BRAX
FEEL GOOD



MERKZETTEL (0) WARENKORB (0)

DAMEN HERREN SALE BRAX SPORT BRAXCLUB

Suchbegriff oder Artikelnummer 🔍

SIE SIND HIER: » HERREN » BRAX ACTIVE » OBERTEILE

BRAX FEEL GOOD
EUREX
BRAX GOLF
BRAX ACTIVE
HOSEN
OBERTEILE



OBERTEILE: 6 ARTIKEL

Farben Größen Styles Passformen

SALE
Ace - Herrenfleecejacke Trekking
X²-performance: Vielseitige Fleecejacke mit hochfunktionaler Ausstattung
ab 99,95 € - ab 79,95 €

SALE
Ace - Herrenfleecejacke Trekking
X²-performance: Vielseitige Fleecejacke mit hochfunktionaler Ausstattung
ab 99,95 € - ab 79,95 €

SALE
Ace - Herrenfleecejacke Trekking
X²-performance: Vielseitige Fleecejacke mit hochfunktionaler Ausstattung
ab 99,95 € - ab 79,95 €

3D Uses for most Brands

- 3D Digital Showroom
- 3D Digital Salesman Samples
- 3D Digital Shop Design



Where brands are now....



Where brands are now....



Where brands are now....



Where brands are now....



Where brands are now....



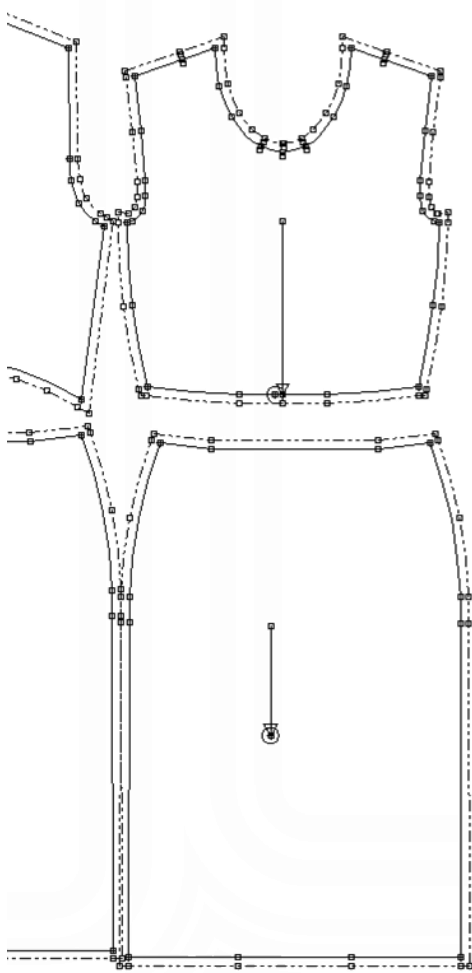
3D technology is exciting for sure.

It's not yet perfect and not magic...

But its valuable.



VIDYA 3D – 2D Pattern to 3D Virtual Product



Pattern



Avatars + Fabric



3D Virtual Product

VIDYA 3D – 2D Pattern to 3D Virtual Product

- **A CAD 2D Integrated in Vidya 3D.**
- **Pattern file Import/Export in AAMA/ASTM/DXF**
- **Takeover of production pattern incl Seam allowances, grading and production details**
- **Alterations can be made in 2D to 3D**
- **Comments, Annotations, seamlines can be added in 3D and transferred to 2D patterns**
- **Modular System with block pattern for faster development and better Fit consistency.**

VIDYA 3D – Block Library Fit/Style

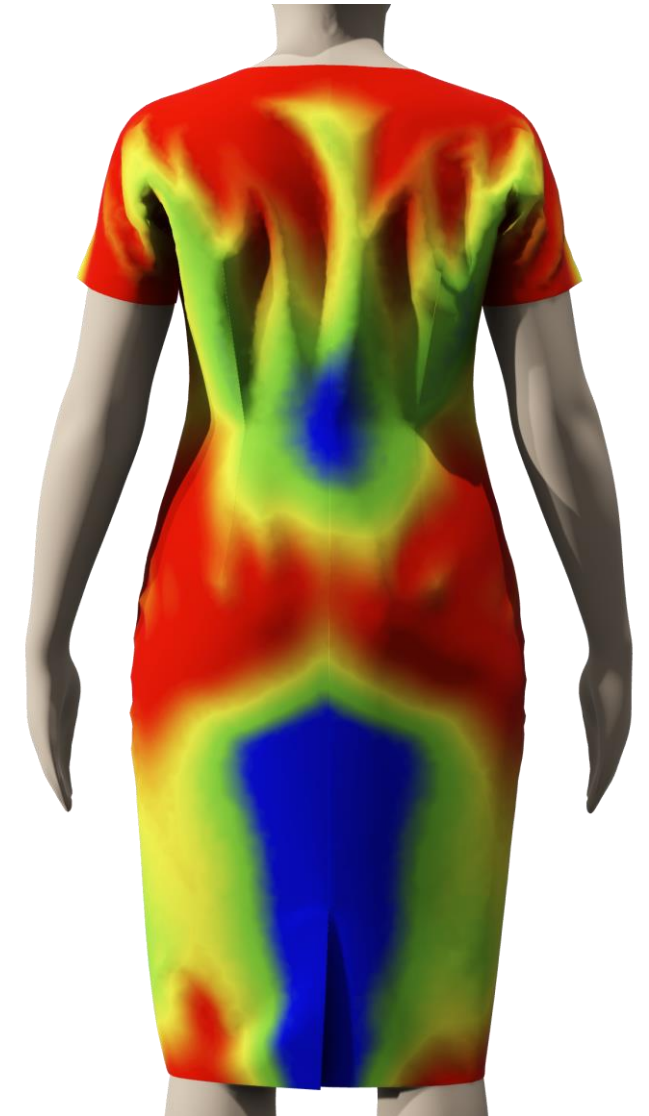


Why using Block Library Fit/Style

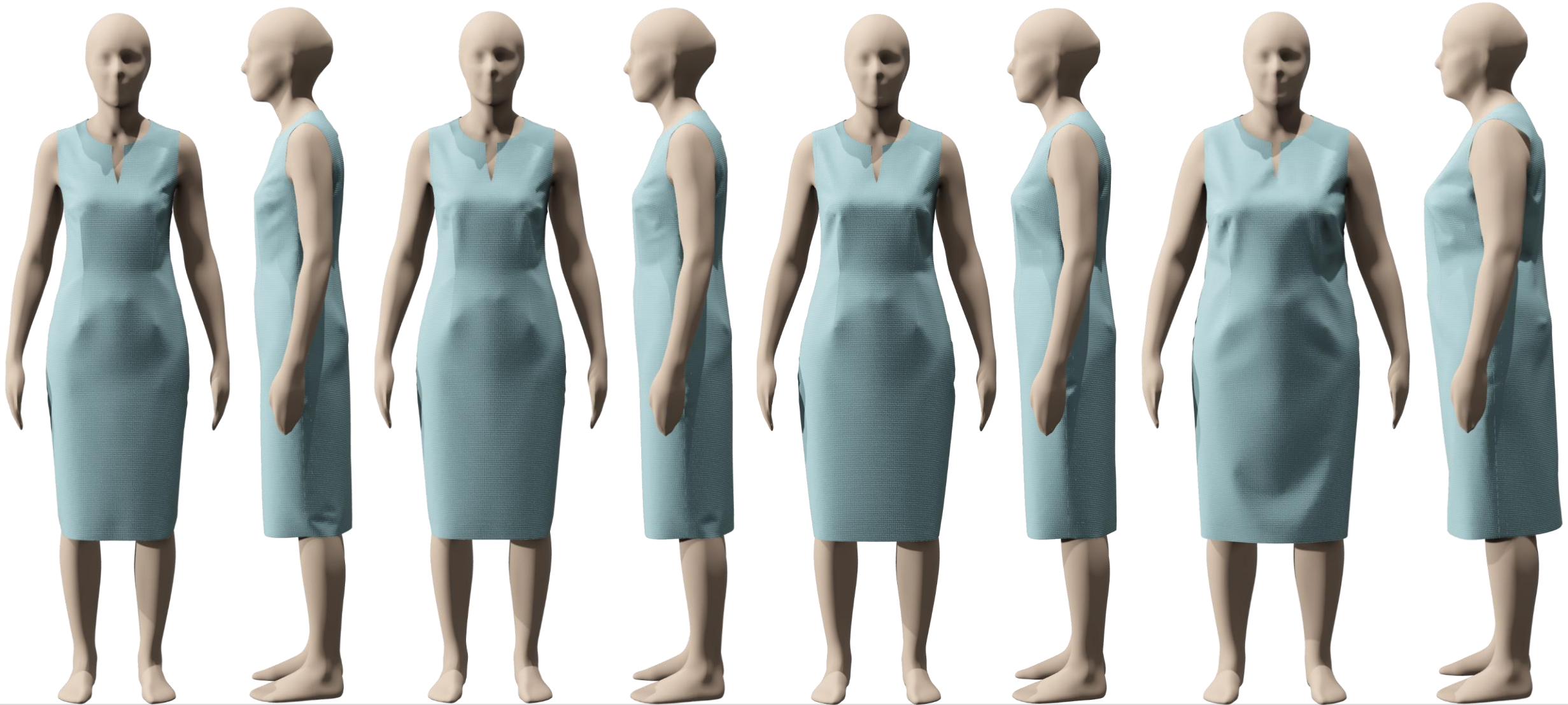
- **On Line sales are growing with 2 Digits.**
- **To increase the basket size and avoid returns, you need to be Fit consistent across product categories and seasons.**
- **The Modular system is the best tool to execute your Fit Standard consistently (across suppliers).**
- **It decrease drastically the number of proto, help to get the first proto right the first time and be faster in the development process.**

VIDYA 3D – 2D Pattern to 3D Virtual Product

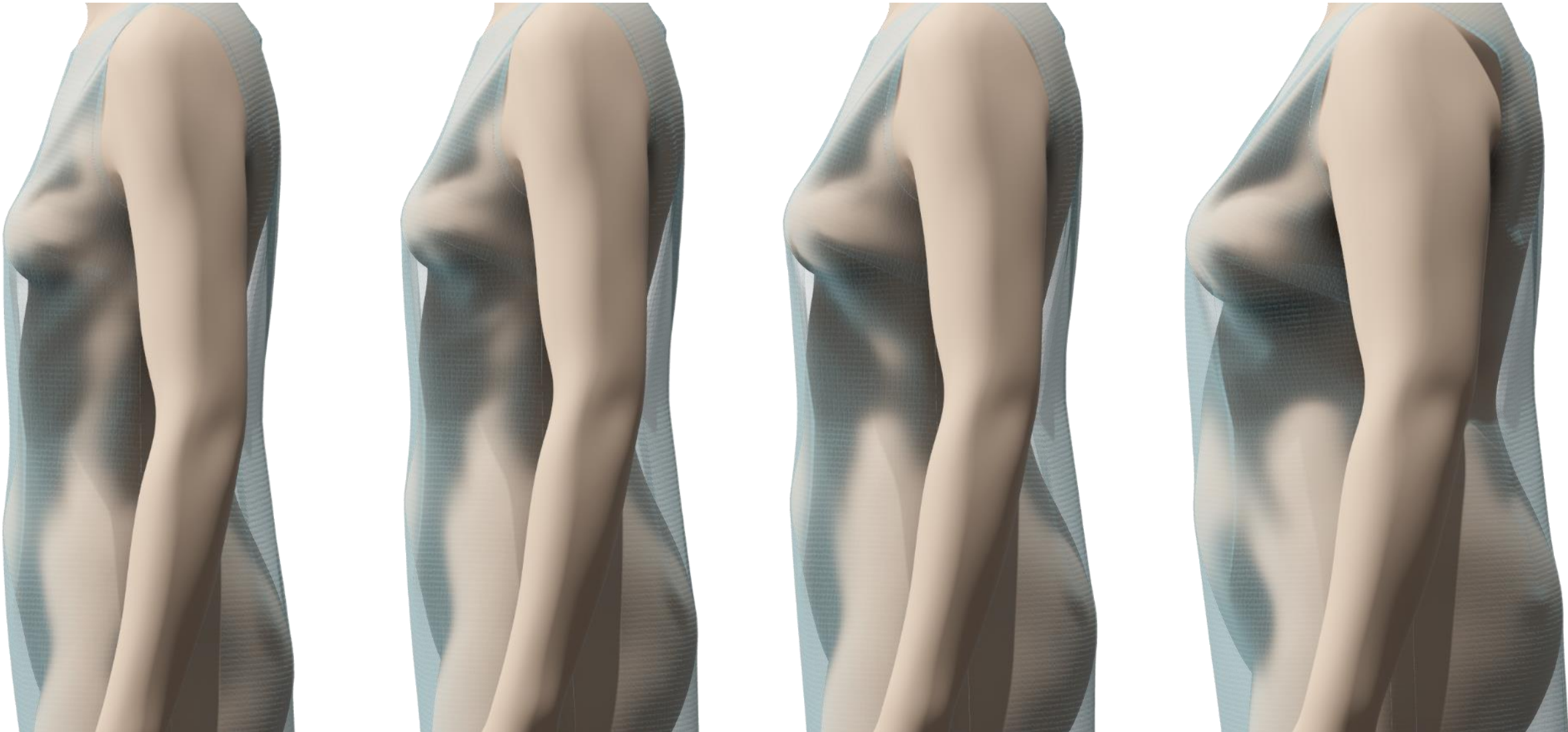
- Connection to Photoshop and Illustrator
- Real Time Rendering and 3D Virtual Photo shooting
- Virtual Fitting Head Map (Ease, Tension, Cross-Section)



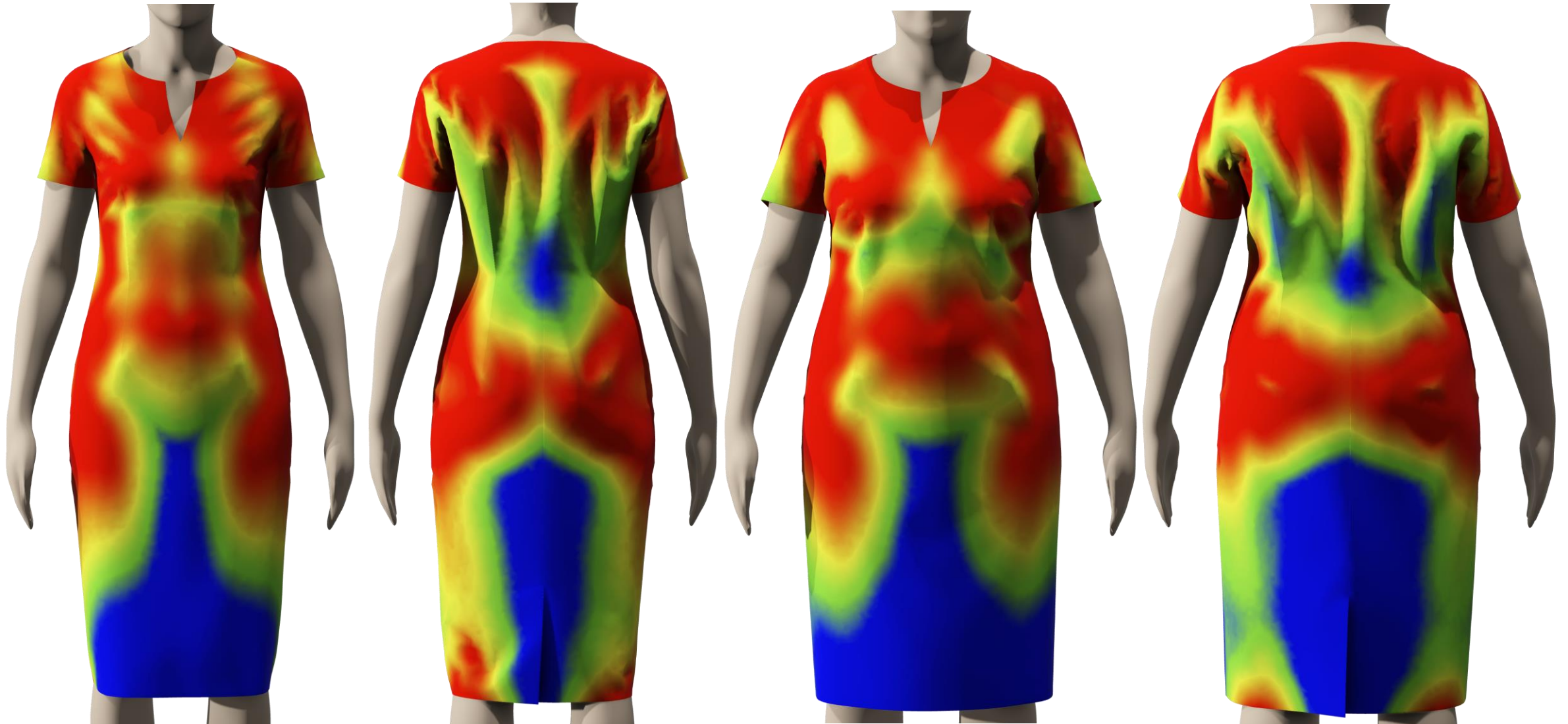
VIDYA 3D – Virtual Fitting



VIDYA 3D – Virtual Fitting



VIDYA 3D – Virtual Fitting

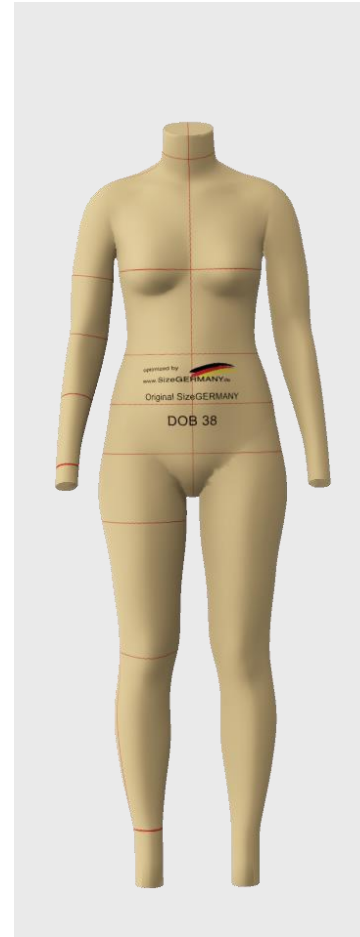


3D Avatars :

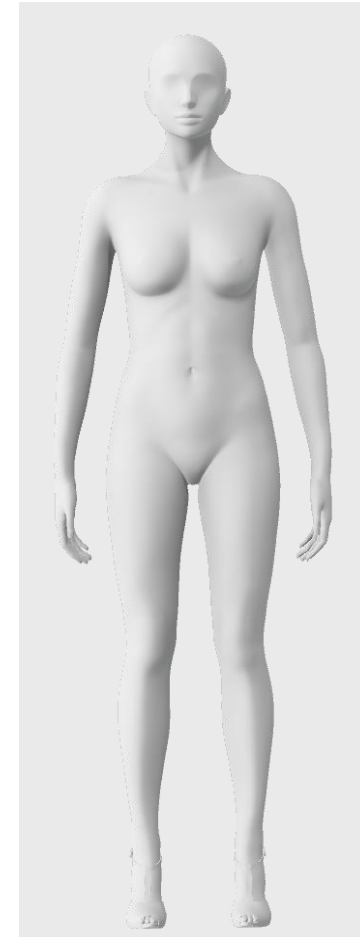
The Avatar Studio interface features a 3D female avatar on the left and a measurement control panel on the right. The panel is divided into 'Oberkörper' and 'Unterkörper/Arme' sections. It includes a 'Primäre Maße' section with sliders for Körperhöhe, Brustumfang, Taillenumfang, and Hüftumfang. Below that is an 'Oberkörper Maße' section with sliders for Unterbrustumfang, Rückenlänge, Rückenbreite, Halsansatz Brust, Abst.Brustpunkte, Schulterbreite, Schulterneigung, and Halsumfang. Each slider shows a current value and a range.

Maß	Wert	Min	Max
Körperhöhe	168	162,3	175,7
Brustumfang	88	80,0	97,6
Taillenumfang	72	63,5	83,6
Hüftumfang	97	86,0	108,4
Unterbrustumfang	74	67,1	82,3
Rückenlänge (7...)	39,4	34,9	43,9
Rückenbreite	34,1	29,8	39,8
Halsansatz Brust	26,8	23,3	31,5
Abst.Brustpunkte	18,1	15,6	21,7
Schulterbreite	12,7	10,5	15,3
Schulterneigung	23,9	15,2	32,3
Halsumfang	31,9	29,4	35,9

Avatar Studio



Fitting Avatars*



Design Avatars*



Sales Avatars*

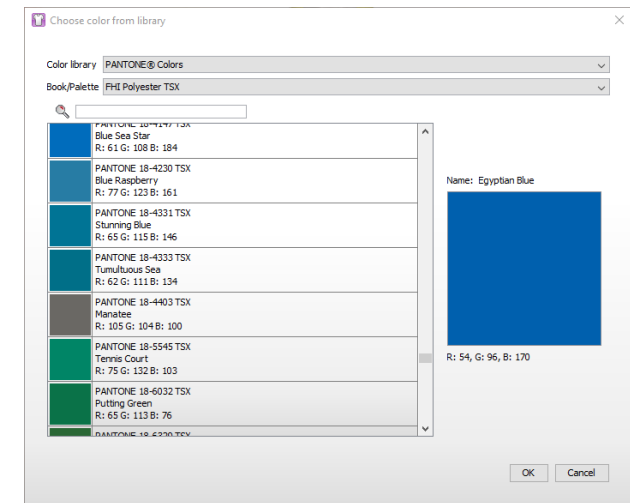
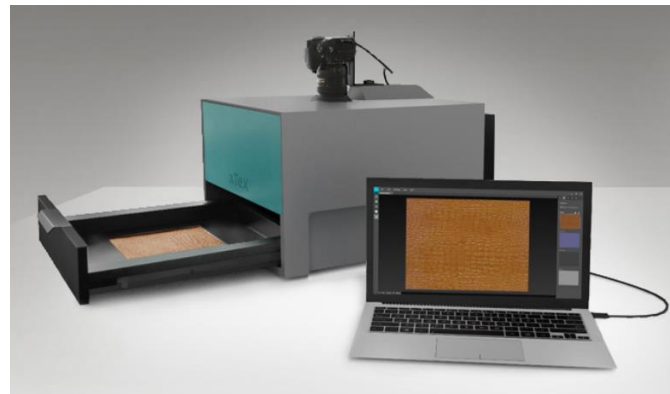
3D Avatars : Different Poses



Vidya 3D: Fabrics, Buttons, Trims....


Standard Library with :

- Fabrics textures and physical properties (DIN and ISO standard)
- Buttons, buttonholes, trims, prints and stitching.
- Pantone Color book Integration (2800 Colors for Cotton, polyester, Nylon Brights)
- Partnership with external companies



VIDYA 3D – Our Strengths

- **We are manufacturing oriented.**
- **Every 3D Design is ready for Production (CAD, Sizing, Fitting, Marker, TechPack, Costing)**
- **What you see in the digital world is what you get in the physical world.**
- **We enable our customers to trust in the digital samples.**
- **We help brands to make business decision on the digital sample (Costing, Rendering, Fitting)**
- **Our CAD 2D is integrated in Vidya 3D to have the best 2D-3D-2D workflow.**
- **We enable Fit Consistency across products category and decrease return on-line.**



Many Thanks for your kind attention.

David THERY
Regional Key Account Manager
Tel : + 33 6 26 90 63 93
Mail : david.thery.ext@assyst.de