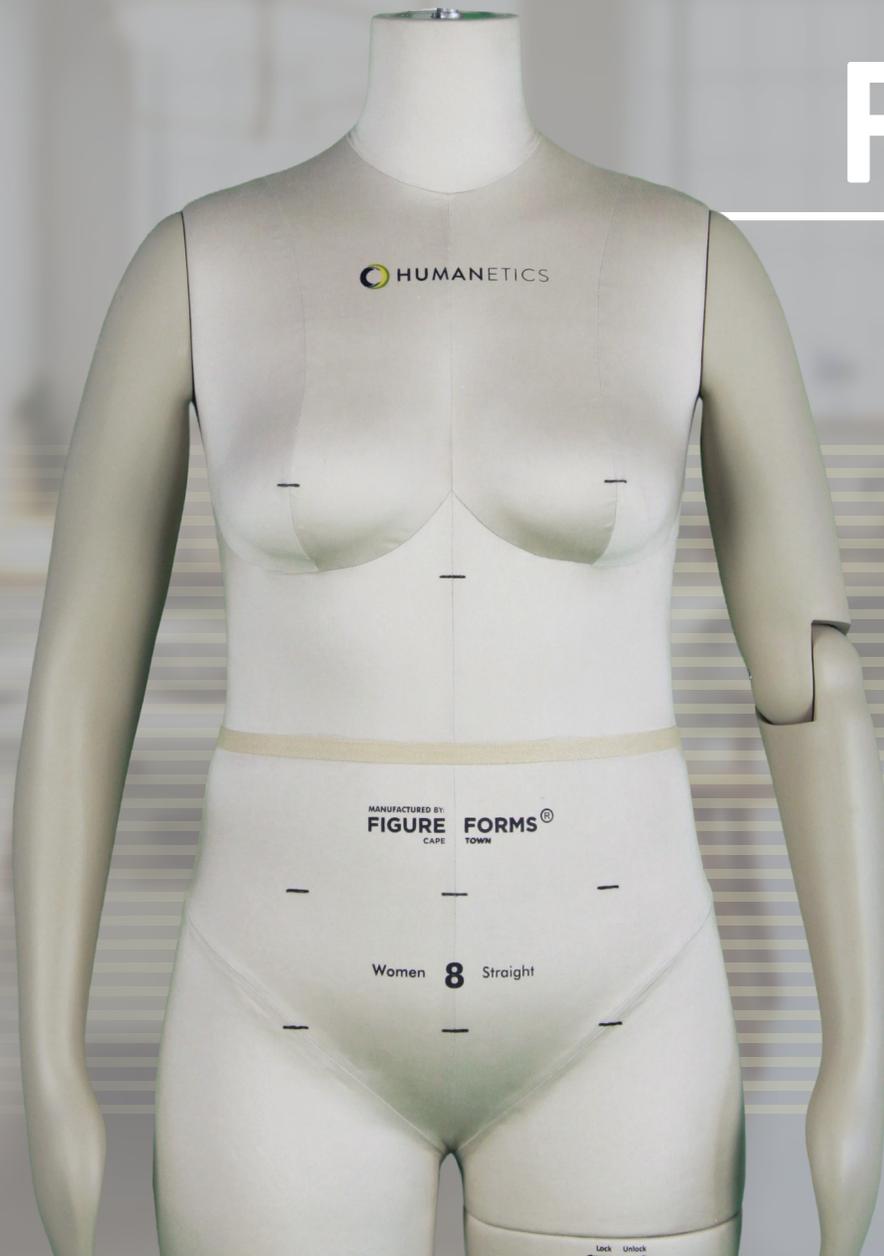


# FIT FORMS

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# CATALOG



# REDEFINING PRECISION IN SIZING AND FITTING

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We believe that superior fit and reduced returns can be achieved with the right data. That is why our forms and avatars are based on precise body scan data of human bodies that reflect superior posture and shape.

## STANDARD FIT FORMS

Our Standard Fit Form Series focuses on the accurate representation of selected demographic markets.

We utilize precision scan data from our large-scale international sizing surveys to create the most accurate fit forms.

## CUSTOM FIT FORMS

Custom fit forms are tailored to your specifications to represent your brand's identity.



# SUPERIOR POSTURE AND SHAPE

Our fit forms deliver a highly realistic representation of the human body for precise fit development.



## TECHNICAL FIT FORMS

Are hand-fabricated using a fiberglass core and a cotton sateen-covered finish to ensure durability, precision for pattern construction, and reliable pinnability.



## SOFT FORMS®

Are constructed from high-resilience flexible polyurethane foam, providing a more body-realistic response for fitting tight garments such as jeans. Available exclusively with a fabric-covered finish.



## LACQUERED FORMS

Provide a quicker fitting process and an easy draping finish for customers who choose our lacquered surface option.

# ADAPTS TO MEET YOUR NEEDS

Humanetics fit forms are designed with the user in mind. We are the only brand that offers full articulation, allowing users to take their design evaluation further and replicate the human body as realistically as possible.



## ARTICULATING ELBOW

Reposition the arms of any fit form to accommodate your fabric and design needs. The articulating elbows provide a full range of natural elbow movement.



## SHOULDERS

Arrange the arms and shoulders in different positions to observe how fabric reacts to human-like movement.

Our uniquely articulating shoulders allow clients to evaluate a full range of motion\*.

\*custom development only



## DETACHABLE FEET

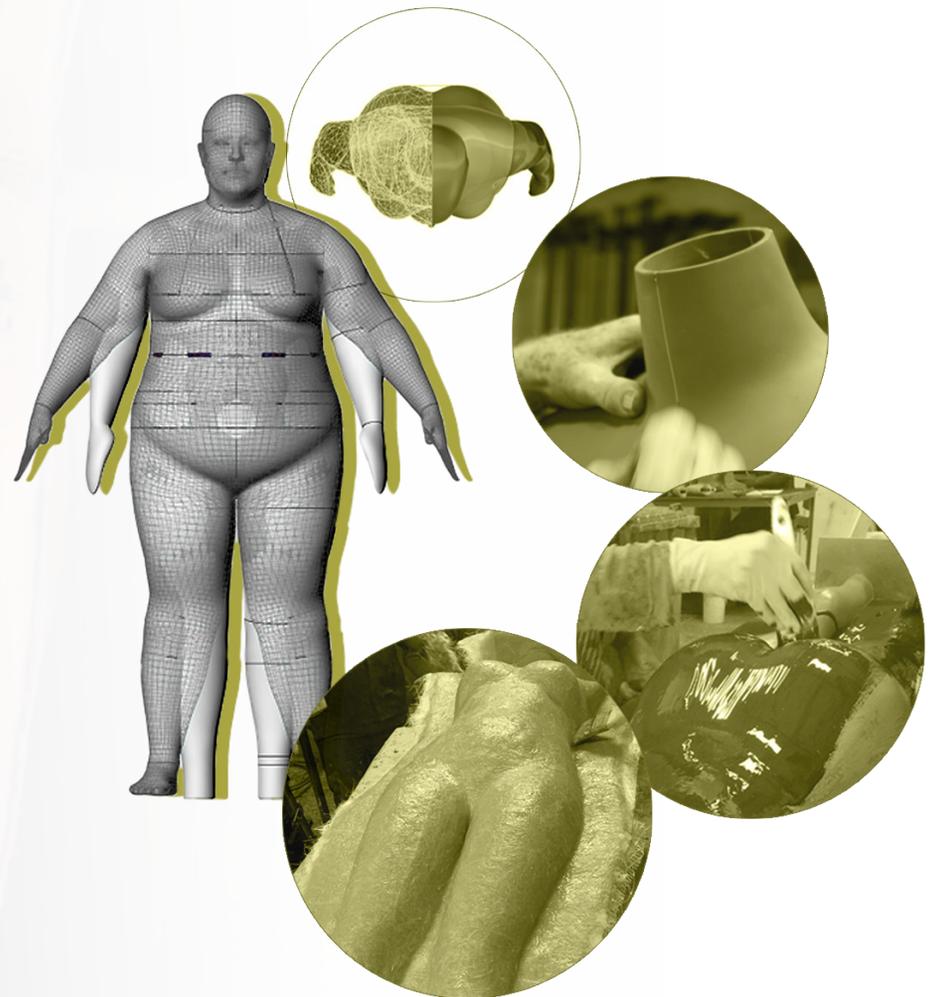
Designed for flexibility and stability, the detachable feet easily attach to fit form legs, with external standing pins, allowing you to customize positioning.

# CUSTOM FIT FORM

## FROM CONCEPT TO REALITY

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Humanetics combines precision 3D modeling and high-resolution 3D printing to bring custom fit forms to life. Our process integrates design intent with functional requirements to ensure every prototype reflects real-world performance.

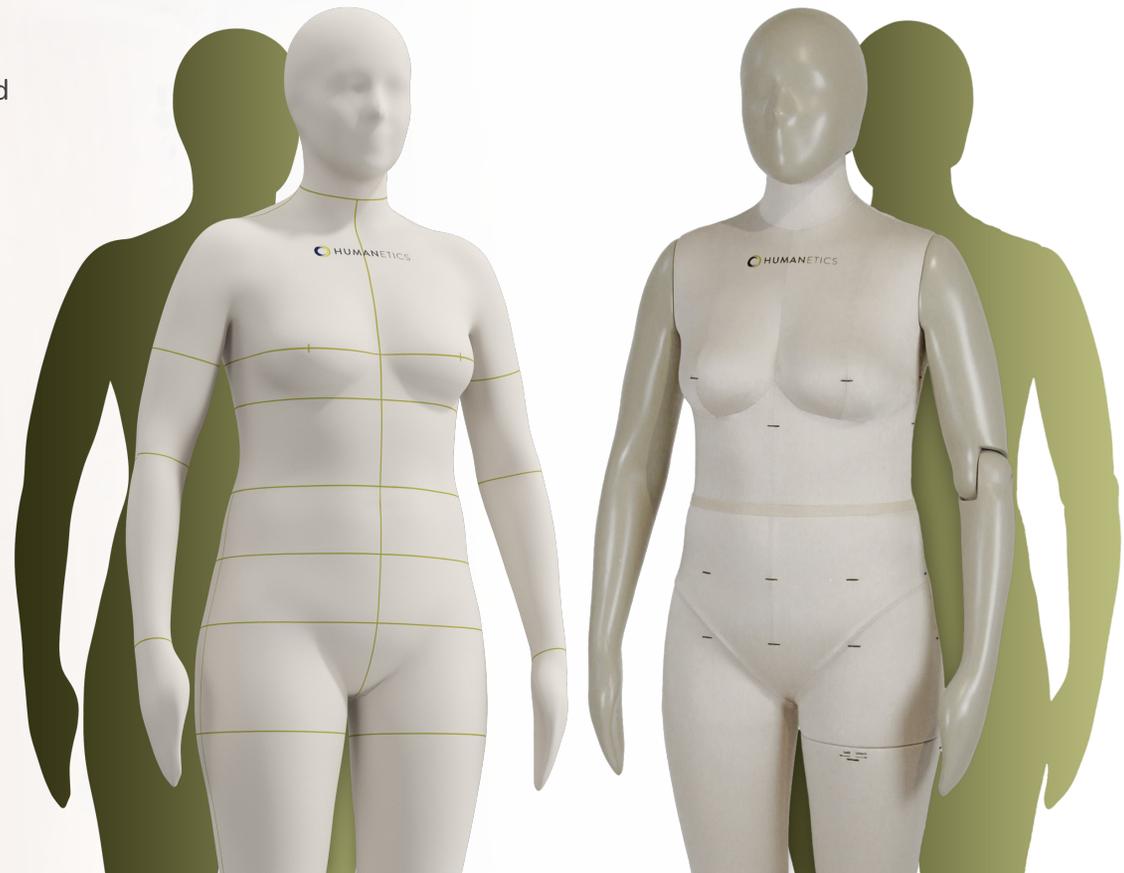


# DIGITAL TWINS

## THE VIRTUAL FIT FORM

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Experience the power of digital twins that replicate the shape and target measurements of physical fit forms. Our solution enables a seamless transition between virtual garment prototyping and real-world testing.



# STANDARD FIT FORMS

WOMEN, MEN, TEENS (14YRS+)

## FABRIC COVERED FINISH

Durable, stretch cotton sateen outer layer with two layers of cotton rib lining. Semi-pinnable.

## COLLAPSIBLE SHOULDERS

Spring-loaded mechanisms allow each shoulder to retract inside the body for ease of fitting tighter tops and dresses. Only available on fiberglass fabric covered adult forms.

## TWO DETACHABLE FULL ARMS

Left and right arms (straight/non-jointed) including hand. Indexing function to set rotation.

## COLLAPSIBLE HIP

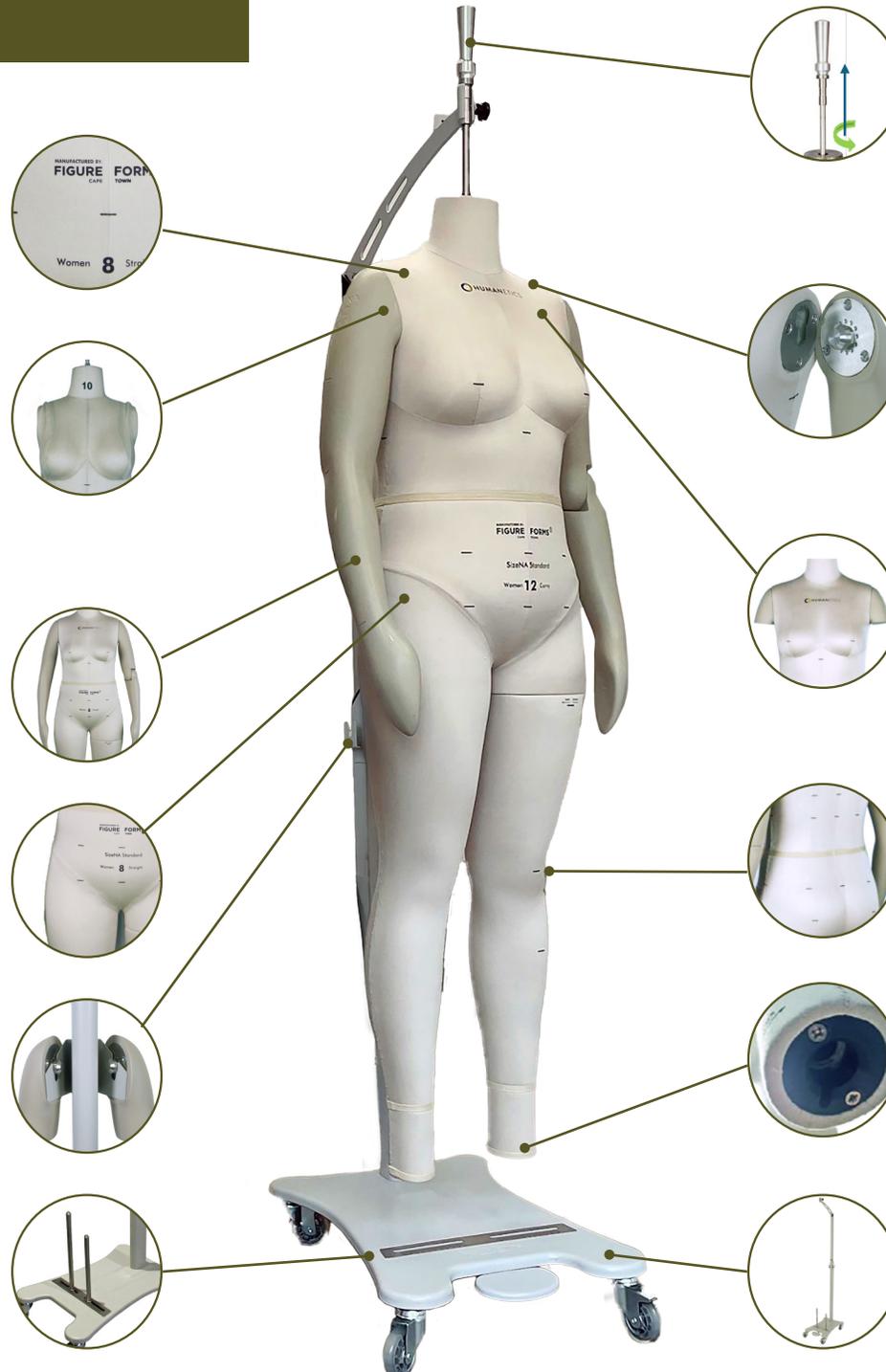
Spring-loaded mechanism allows right hip to retract inside the body.

## ARM HANGER BRACKETS

Integrated with hanging stand, arms clip to brackets for storage when not in use.

## STANDING PINS

Integrated with hanging stand, with stainless steel rulers for distance placement.



## REMOVABLE HANGING PIPE

Removable hanging pole with twist-lock function.

## KEYHOLE ARM FITTINGS WITH INDEXING FUNCTION

Easy-locating keyhole fittings for attaching arms. All detachable arms feature an indexing ratchet function to set rotation.

## TWO DETACHABLE SHOULDER CAPS

Left and right shoulder caps for extending shoulder points when fitting sleeveless garments or checking shoulder caps.

## MEASUREMENT LINES

Key body measurement lines indicate the point of measure.

## LOCATING TUBES FOR STANDING PINS

All full-body forms come standard with leg tubes for easy positioning onto standing pins.

## PEDAL-LIFT HANGING STAND WITH LOCKABLE WHEELS

Epoxy-coated steel stand with braked castor wheels. Height adjustable spring-assisted lifting function activated by foot pedal.

# STANDARD FIT FORMS

CHILDREN & TODDLERS (2YRS - 12YRS)

## ATTACHABLE HEAD

Head attaches to body with simple twist-lock function, used for headwear, hoodies, checking neck stretch.



## ARM HANGER BRACKETS

Integrated with hanging stand, arms clip to brackets for storage when not in use.



## FABRIC COVERED FINISH

Durable, stretch cotton sateen outer layer with two layers of cotton rib lining. Semi-pinnable.



## TWO DETACHABLE FULL ARMS

Left and right arms (straight/non-jointed) including hand. Indexing function to set rotation.



## STANDING PINS

Integrated with hanging stand, with stainless steel rulers for distance placement.



## DETACHABLE FEET

Removeable feet standard with all toddler and children forms. Magnetic attachment. Form can still be used on standing pins with feet attached.



## REMOVABLE HANGING PIPE

Removable hanging pole with twist-lock function.



## KEYHOLE ARM FITTINGS WITH INDEXING FUNCTION

Easy-locating keyhole fittings for attaching arms. All detachable arms feature an indexing ratchet function to set rotation.



## TWO DETACHABLE SHOULDER CAPS

Left and right shoulder caps for extending shoulder points when fitting sleeveless garments or checking shoulder caps.



## MEASUREMENT LINES

Key body measurement lines indicate the point of measure.



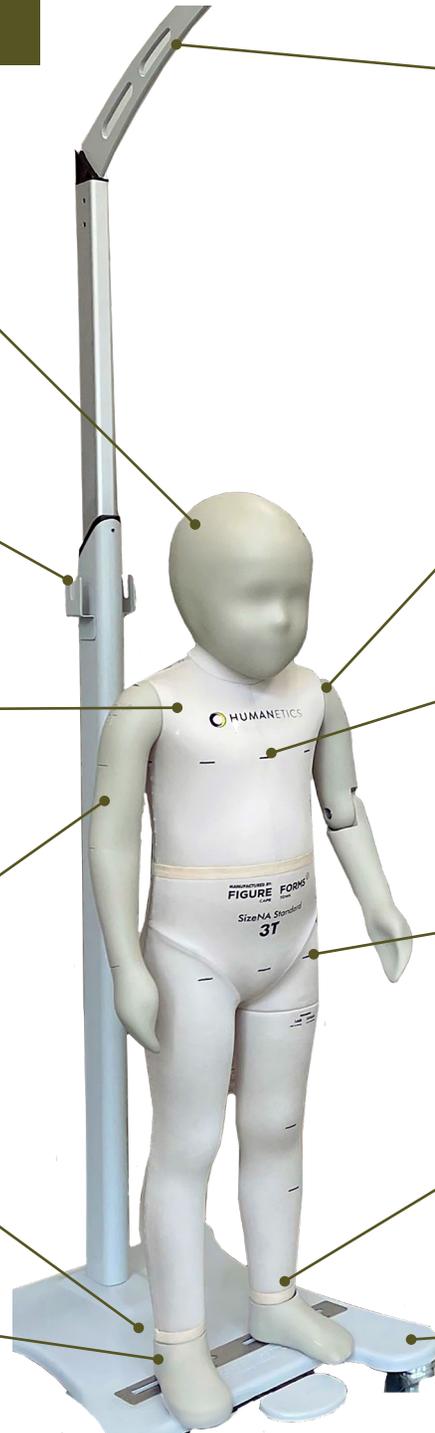
## LOCATING TUBES FOR STANDING PINS

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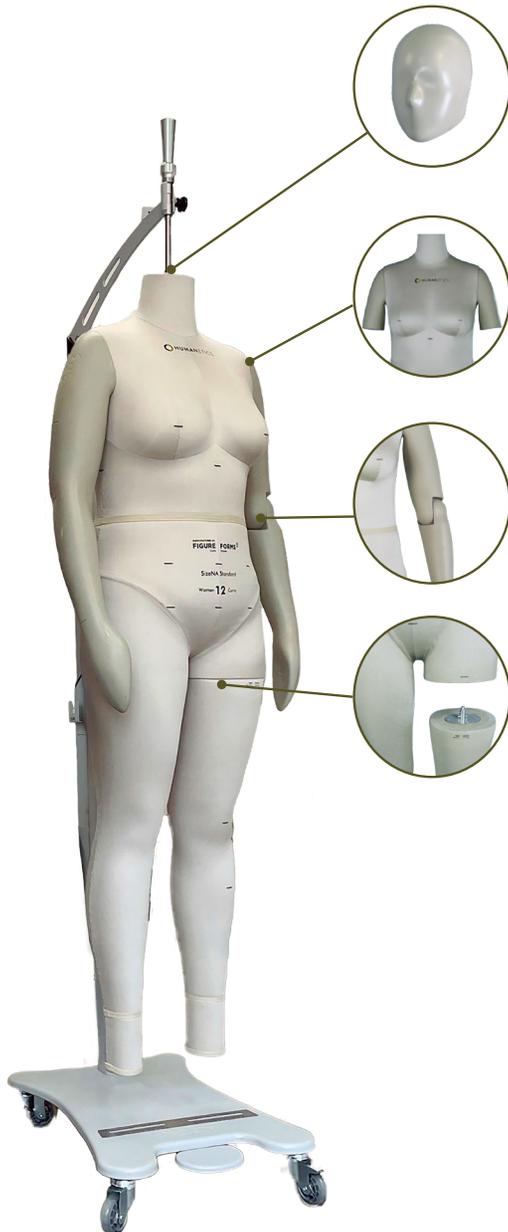
## PEDAL-LIFT HANGING STAND WITH LOCKABLE WHEELS

Epoxy-coated steel stand with braked castor wheels. Height adjustable spring-assisted lifting function activated by foot pedal.



# OPTIONAL FEATURES

## WOMEN, MEN, TEENS (14YRS+)



### ATTACHABLE HEAD

Head attaches to body with twist-lock function, used for headwear, hoodies, checking neck stretch.

### TWO DETACHABLE HALF ARMS

Left and right half arms for fitting short sleeve garments.

### JOINTED ELBOW

Left arm with a jointed elbow to simulate realistic bending effects on sleeves.

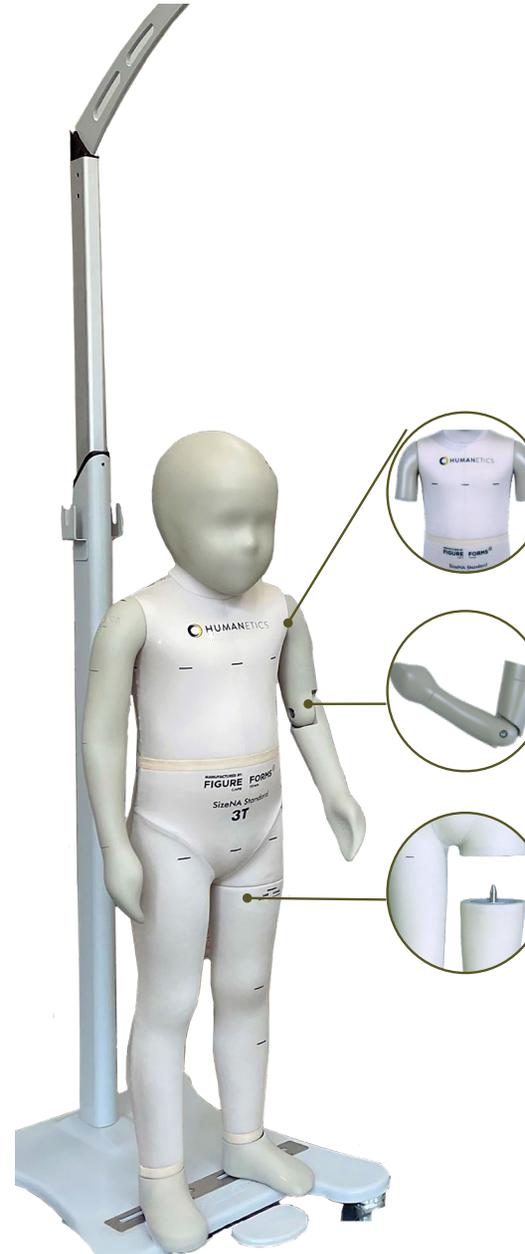
### DETACHABLE LEFT LEG

Left leg detaches at top thigh with twist-lock fittings.

### SLIP COVER

Smooth nylon elastane body cover. Helps protect the form from wear and marks.

## CHILDREN & TODDLERS (2 YR - 12 YR)



### TWO DETACHABLE HALF ARMS

Left and right half arms for fitting short sleeve garments.

### JOINTED ELBOW

Left arm with jointed elbow to simulate bending arm effects on sleeves,

### DETACHABLE LEFT LEG

Left leg detaches at top thigh with twist-lock fittings.

### SLIP COVER

Smooth nylon elastane body cover. Helps protect the form from wear and marks.

# FIT FORMS

## BABIES

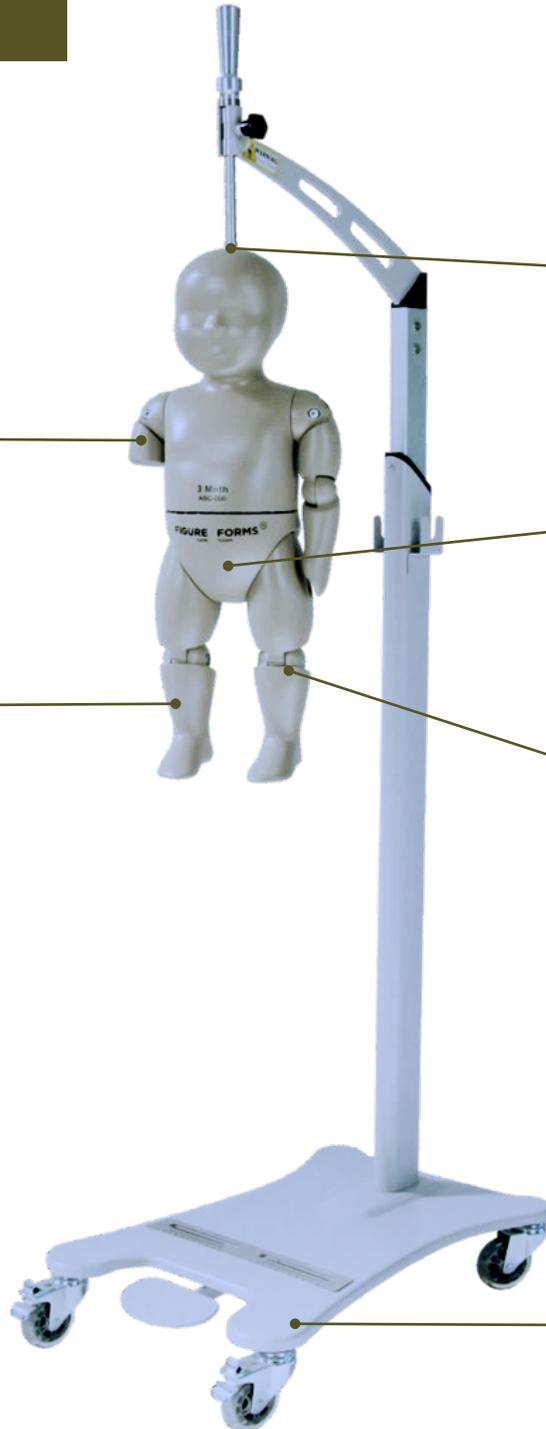
### ONE NON-DETACHABLE FULL ARM AND ONE HALF ARM

Jointed shoulders and elbows for fitting a wide range of arm movements.



### INDUSTRIAL LACQUER PAINTED FINISH

Smooth painted finish.



### REMOVABLE HANGING PIPE

Removeable hanging pole with twist-lock function.



### FUNCTIONAL DESIGN FEATURES

All standard baby forms come standard with a disposable diaper and cotton underwear.



### ARTICULATED DESIGN

Jointed hip and knees to accommodate lower body movement across multiple positions.



### PEDAL-LIFT HANGING STAND WITH LOCKABLE WHEELS

Epoxy-coated steel stand with braked castor wheels. Height adjustable spring-assisted lifting function activated by foot pedal.

WE ARE  HUMANETICS



[www.humaneticsgroup.com/products/body-data-solutions](http://www.humaneticsgroup.com/products/body-data-solutions)