

## Growth Capable

Granstand III MSS / Kidstand III MSS is Growth Capable!

Unprecedented growth capability in one product - the Granstand III Modular Standing System is just that - *A System!* Granstand III MSS is designed to accommodate clients who require, from a very young age, equipment that can change and adapt as they grow and change. Our modular system allows for unsurpassed growth ability at a minimum of cost in both time and money. Most growth adjustments require only a few minutes and many of these changes require the purchase of little or no additional equipment. If the client's growth is accompanied by a change in physical condition, equipment upgrades can be added as needed without purchasing a new frame.

Both the Kidstand III and the Granstand III MSS utilize the same frame and components. They are configured as needed with some minor differences in the sizes of the positioning pads and minor frame components. Either unit can easily be converted from one configuration to the other quickly and inexpensively. These adaptable standing systems serve the widest range of clients possible and have the ability to continue to provide proper standing alignment for clients as they grow. Starting with one of these innovative modular systems eliminates the need to purchase 3 or 4 conventional standing devices. Unprecedented adaptability for growth or other changes in equipment needs is made possible through our built-in potential for numerous adjustments and easy upgrades. These innovative features, along with durable construction and multi-functional design, make the GRANSTAND III MSS the best economic value on the market.



Mike 6' tall in a Granstand III MSS

Nichole 42" tall in a Kidstand III MSS

### SPACE SAVING EXPANDABLE FRAME

Our standard frame accommodates multiple chair styles while requiring minimal space. Our standard expandable base design allows for larger chairs and power chairs to fit within the unit without needing a wider frame. The narrow width of 27 1/2" fits through most standard doorways allowing for extra mobility and function in the home or wherever space is limited. The ability for the chair to fit within the frame keeps the room area required for use of the unit to a minimum unlike units that require extra space for the chair, the stander and, in many cases, a patient lift to be kept near the stander.



### ADVANCED FOOT POSITIONING AND MOBILITY

Adding a Mobile Foot System allows the Granstand III MSS to be mobile while in use. These optional foot systems offer greater growth potential and height adjustment plus provide the ability to match the height of the wheelchair footplates for the best possible lifting position.



Height-Adjustable Foot System: Allows for Height and Depth adjustment plus Individual Width, Toe-In and Toe-Out adjustments.



Multi-Adjustable Foot System: Allows for Height and Depth adjustment plus Individual Width, Toe-In, Toe-Out, Planter-Flexion and Dorsi-Flexion adjustments.

# Granstand® III Modular Standing System

## Multi-Functional Frame

Supplying More Function For Less Cost

### NO TRANSFER NO LIFTING DESIGN

Safe, No Transfer Design lifts you directly from your wheelchair or other seating surface eliminating the need for transferring in and out of the unit. Our easy-to-use *Pull-to-Place* sling eliminates transfers and can be placed without lifting the client.



Slide sling down behind the client, pull sling into place with the pull-to-place tabs.



Wheel into unit or roll it up to the client, place the feet and hook onto the lift arms.



Activate the hydraulic unit to begin the lift and raise the client to a standing position.



Granstand III MSS places the hips in proper position for full weight bearing.

### LIFT AND TRANSFER SYSTEMS ALL IN ONE

Simply by adding one of our mobile foot systems, the Granstand III MSS becomes an easy to use patient lift / transfer device, as well as, a state of the art standing system. This easy-to-use feature assists in maintaining client posture and eliminates repositioning in the wheelchair after standing by seating the client with proper body mechanics while lowering them into their seat. Clients are lifted and transferred comfortably while standing eliminating the discomfort and disorientation that is common with overhead-style lifting devices. Our innovative frame allows this unit to fit under a bed or mat table permitting use as a lift / transfer device.



## PROPER LIFT / TRANSFER TECHNIQUE

Granstand III MSS not only lifts you comfortably from your seat but returns you to a neutral seated posture easily and comfortably by nature of its innovative lifting design. When transferring into your seated product, you are returned to your chair with your body aligned and placed into a neutral position as the body is lowered gently into a natural seated posture. Being lowered from a standing position allows you to be fully positioned all the way into the back of your chair, eliminating further repositioning, lifting or pulling.



## INDEPENDENT MOBILITY

Granstand III MSS with the mobile package supplies independent mobility during standing for clients with good upper body strength. Positive movement chain drive system supplies excellent maneuverability while standing, increasing independence for the standing client. With the mobile package the Granstand III MSS functions as an *Independently Operated Lift and Transfer Device* allowing the client to transfer themselves from one seated surface to another.

## ADDITIONAL STANDING SYSTEM OPTIONS

Contoured Body Pad with Laterals & Padded Support Strap  
Complete upper body support system supplies additional upper body support with anterior, side to side and posterior support.



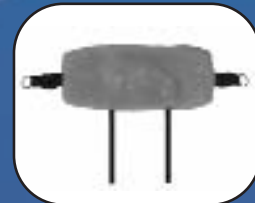
Multi-Adj. Knee System  
Offers individual adjustability for height and width of the lower extremities for maximum fitting capabilities.



Roho Knee Pads  
Attach with Velcro straps to offer additional padding in the knee area when needed.



Contoured Vinyl Sling with Sheepskin Lining  
Full contact contoured vinyl sling with sheepskin lining for clients who desire a softer contact area.



Self Elevating Tray  
Attaches to a Granstand III or Kidstand III tray assembly. This device will assist the adjustment of the tray when needed.





# Granstand® III Modular Standing System Family of Products

The First Build-To-Suit System Featuring Full Growth Adjustability, Configuration Changes and Multi-Functional Frames

In its various configurations, the Granstand III MSS can support clients ranging from 3' to 6' 5" in height. Modifications to accommodate growth are quick, easy and cost effective. Granstand III MSS is the **One System** that grows and changes with the client, eliminating the need for costly and frequent frame replacement.

## UPGRADEABLE MODULAR FRAME CONSTRUCTION

*Granstand III modular frame design allows for transformation of our manual standers into complete hydraulic-assisted standing systems. Upgrades required due to changes in client size, physical ability, positional needs or medical condition can be accommodated simply, which eliminates the need to replace the entire unit. Adapting child-to-adult growth or upgrading from the basic configuration to a full hydraulic unit is done quickly. The unique and versatile modular design and multi-functional frame lets you build or configure what you need as you need it which keeps costs at a minimum.*



**Granstand® III Modular Standing System**  
Hydraulic Standing System  
Configureable for Client Heights from 3' - 6' 5"  
No Transfers Required  
Lifts Directly From Your Chair or Other Seated Surface  
Multi-Functional Frame allows use as a Transfer Device  
Full Modular Construction Allows for Changes as Needed  
Fully Upgradeable

**Kidstand III MSS**  
Hydraulic Standing System



*State-of-The-Art Frame  
Design Supplies A One  
Stander For Life  
Capability*

**Granstand III-Kidstand III  
MSS Mobile Unit**


Hydraulic Standing System



The Basicstand is designed for clients with the upper extremity strength and function to easily pull themselves to a standing position. The Basicstand III supplies a manual standing frame with a seat harness for comfortable support while standing.

Basicstand III MSS works well for clients who are developing their standing skills in preparation for gait training and for clients with basic standing needs requiring minimal support while standing.


**Basicstand III MSS**  
Manual Stander



The Handstand III MSS supplies a manual standing frame with our patented retracting seat harness for additional support during lifting, lowering and while standing. This unique feature protects the client from awkward and risky lifts as with other manual standers.

Our belt retractor system supplies an extra level of security for clients allowing them to pause anywhere during the lifting and lowering procedure.

**Handstand III MSS**  
Assisted Manual Stander



Basicstand III MSS and Handstand III MSS include expandable base with 3" plastic casters; pull-to-place sling with waistbelt; adjustable height hand rails; depth adjustable chest pad; clear table top; foot pads and depth adjustable knee pad.

Client Ht: (5' - 6' 5")  
with standard foot system

Client Ht: (4' 6" - 6' 5")  
with optional foot system

## A Letter From the President:

Nature intended for your body to stand. When injury, disease, weakness, aging or other unscheduled stops in life interrupt that intention, the lack of standing can be catastrophic. Lack of daily standing can negatively impact your posture, bowel and bladder function, cardio-vascular function, renal function, spasticity, range of motion, bone density, emotional health and just plain comfort. Lack of standing typically shows in contractures, increased spasticity, or loss of range in the lower extremities, hips, back and neck.

Our first stander was built for my personal use. The approach we took then was that standing is good for you, but that standing correctly would be better. With a great deal of research, medical advice and all the input we could put together, we built our first Granstand standing device. As our product turned into products and we matured into a manufacturer of standing equipment, our focus and message are the same-standing is good for you, but standing correctly is better!

Prime Engineering's products have been developed and engineered to maximize all of the benefits of standing and control the secondary medical concerns commonly associated with long-term disability. Cardio-vascular strengthening, improved renal function, spasticity reduction, improved bowel function and increased range-of-motion are just some of the many benefits possible with proper standing.

Our product designs incorporate one of the most important concepts for proper standing and that is having the adjustability to facilitate proper standing and weight bearing. To accomplish this goal, complete hip extension or mild hyper-extension of the hips is necessary to fully load the lower extremities and facilitate the obliteration of contractures. To this end, you will find that our premier line of standers all supply the maximum benefits of proper standing along with safety, durability and function; and all of our Granstand standing systems feature our NO TRANSFER DESIGN and intimately individualized adjustments for a properly fitted unit.

I invite you to try one of our products and feel the difference that standing correctly can make in your life.

Mary Wilson Boegel  
President



## GRANSTAND® III MODULAR STANDING SYSTEM FEATURES:

**NO TRANSFERS, NO LIFTING DESIGN:** As with all Granstand Products, clients stand directly from their wheelchair, bed or other surface.

**UPGRADEABLE MODULAR FRAME DESIGN:** Granstand III MSS can be changed from our basic manual standing frame to a complete hydraulic assisted standing system. Changes in client size, ability, positional or medical condition can be accommodated quickly with cost-saving conversion kits.

**MULTI-FUNCTIONAL FRAME DESIGN:** The unique design of this unit allows it to be used not only as a standing device, but also as a patient lift-and-transfer device. This easy-to-use feature assists in maintaining client posture and eliminates repositioning in the wheelchair after standing. Clients are lifted and transferred comfortably without the disorientation that is associated with many overhead-style lifting devices.

**GROWTH ADJUSTABLE:** This standing system allows for a client height range of 3' to 6' 5". Growth modifications are quick and easy in all configurations of the GRANSTAND III, supplying a single system that can grow and change with the client without need of replacement. Granstand III supplies unprecedented growth potential with the greatest client height range available.

**COMPLETE HIP EXTENSION, CONTRACTURE CONTROL:** GRANSTAND III MSS, like all Prime Engineering products, supplies the best standing and positioning possible. All of our Granstand innovative design features allow proper adjustment to facilitate mild hyper-extension at the hips for maximum weight bearing and comfortable contracture control supplying the optimum standing benefit to the client.

**CONTOURED BODY SUPPORT SLING:** Raises and lowers the client without the risk of shear and other damaging forces.

**SPACE SAVING EXPANDABLE FRAME:** Multiple chair styles fit within the standard frames allowing for minimal space requirements. GRANSTAND III MSS fits through most standard doorways allowing for extra mobility and function in the home.

**ECONOMICAL:** Unprecedented growth, ability to easily change and update, durable construction and modular design all make GRANSTAND III MSS the best economic value.

**FULLY ADJUSTABLE:** Maximum adjustability allows for intimate custom fit to support all of your standing needs.

**ALL STEEL FRAME CONSTRUCTION:** Supplies maximum durability and stable support while in use.

**LIFETIME FRAME WARRANTY:** Lifetime frame warranty to the original purchaser.

### Standard Features:

All Granstand III MSS Standing Systems come complete with the following:  
Expandable transport base; 3" plastic casters; depth adjustable chest pad; adjustable angle clear table top; depth, width and rotation adjustable foot positioners; *PULL-TO-PLACE SLING*; quick release upper body support belt; adjustable height mast and tabletop; and depth adjustable padded knee pad.

### Optional Features:

Mobile foot systems; Adjustable height and angle foot support systems; Lateral chest pads; Hip support system; High level chest support system; 48" chest belt; Multi-adjustable knee system; Roho knee pads; Calf straps; Custom Trays; Tray edging; Foot straps; Multiple seat sling styles and covers; Steel caster upgrade; Tray overlays; Tray easel; Custom design and manufacturing abilities.

### Custom Needs:

The Granstand III MSS has been designed with the flexibility to meet most client's needs within its standard features and options. If you have special needs, questions, or any other item that we may assist you with our engineering department and standing and positioning specialists will be happy to answer your question or assist you with the design and fabrication of a unit to meet your specific needs.

### Specifications:

Base Dimensions Closed: 27 1/2" wide X 40 1/4" deep.  
Base Dimensions Open: 35 1/2" wide X 40 1/4" deep.

### Client Weight:

Standard patient weight capacity 250 lbs.  
Custom weight capacity available - Call for information.

### Client Height:

Granstand III with standard foot system: 5' 6" to 6' 5".  
Granstand III with optional foot systems: 4' 6" to 6' 5".  
Custom heights available - Call for information.

Standard Tray Size: 24" wide X 18" deep.



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