

PRODUCT CATALOG



ABOUT US

Yong-Zhen-Yun Co., Ltd.

Allowing a single nursing attendant to safely and comfortably transfer a patient without risk of injury required a fully intelligent device.

Dr. Yu Hsyua took this on as a goal to use the compact rails with innovative intelligent positioning design in son-mother type care bed available to provide patient transferring in a manner that meets "No Lift Policy" for long-term care transferring and reduces injuries to nursing attendants, while minimizing the discomfort to the patient.

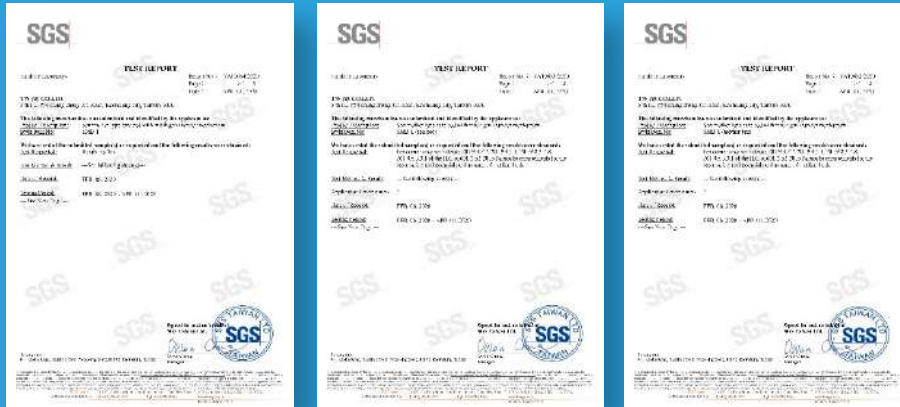
With this in mind, The Yong-Zhen-Yun Co., Ltd. designed and manufactured the son-mother type care bed with intelligent transfer mechanism for that purpose. With the son-mother type care bed, patients can be transferred between the sliding pathway of mother and son bed (scale dimension similar to medical stretcher) at home care or the long-term care center.

3 min intelligent transfer patient

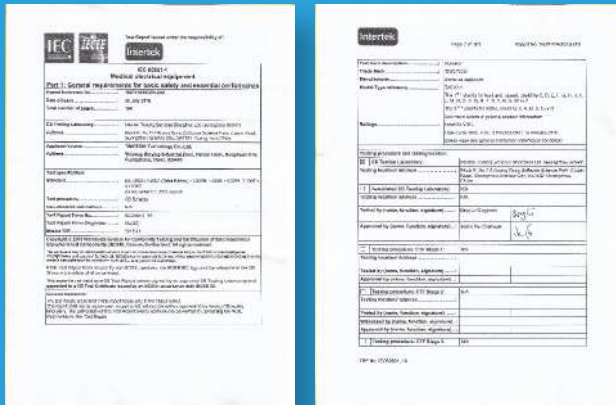
The pioneer of multifunctional son-mother type care bed



CERTIFICATION



Mother bed and son bed of SMB-1 have been tested through SGS compliance with with particular requirements for the basic safety and essential performance of medical beds.
 Safety test.report No, YA10082/2020.No, YA10083/2020
 Durability test of SMB-1 has been certified with test report No. YA10084/2020



SMB-1 also in compliance with General safety for medical equipment IEC/EN 60601-1
 EMC IEC/EN 60601-1-2
 Specific safety requirements for electrical bed IEC/EN 60601-2-52

SON-MOTHER TYPE CARE BED WITH INTELLIGENT TRANSFER MECHANISM



SMB-1



STORAGE MODE

SMB-1

SGS certificated

Comply with IEC 60601-2-52 standard
Low voltage motor system with battery

FIT FOR PURPOSE

Today, one of the main tasks for nursing attendants is assisting the elderly or patients to transfer. We hope to improve the quality of safe patient handling everywhere in the world by advocating for "No Lift Policy". To meet "No Lift Policy" for long-term care, Dr. Yu Hsyua designed and manufactured the Son-mother type care bed with the use of sliding aids with lower friction which provide support of transferring pathway is an effective method of the assistive device with transferring for bedridden patients.



RECOMMENDATION

BY VICE PRESIDENT OF SHANG LIN HOSPITAL

Professional Recommendation

Improve social care attitude, it can be started with the improvement of the function of the care bed.

With this Son-mother type care bed, the patient can be transferred between the horizontal sliding pathway of mother and son bed (scale dimension similar to stretcher) with intelligent transfer mechanism at home care or the long-term care center.

By Vice President of SHANG LIN HOSPITAL



RECOMMENDATION

BY DEAN OF HUANG QI HOSPITAL OF
TRADITIONAL CHINESE MEDICINE

Professional Recommendation

Dr. Yu Hsyua Intimately developed the safe and convenient nursing helper for the bedridden.

This innovative product of the son-mother type care bed with intelligent transfer mechanism allows a single nursing attendant to transfer the bedridden or disable patient safely and comfortably for home care or long term care center without risk of injury.

By Dean of Huang Qi Hospital of Traditional Chinese Medicine



MOTHER BED

Overall size : L 2150 x W 1050 mm

Backrest : 0°- 70°

Knee-break : 0°- 30°

Bed-height : 450 - 650 mm

Trendelenburg & Rev.Trendelenburg : $\pm 10^\circ$

Frame : Steel is made with special Anti-Bacteria powder coating.

$\pm 5\%$ tolerance for above



SON BED

Overall size : L 1800 x W 700 mm

Backrest : 0°- 75°

Knee Break : 0°- 25°

Bed Height : 355 - 570 mm

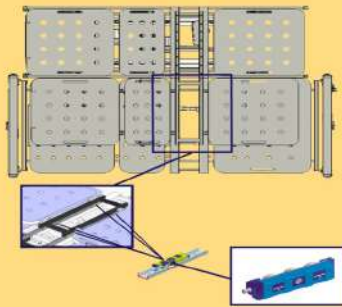
Frame : Steel is made with special Anti-Bacteria powder coating.

$\pm 5\%$ tolerance for above



FEATURES

The view of lateral movement process of the sliding pathway



TRANSFORMABLE DESIGN

This product solution, involves two pairs of low friction compact rails with innovative intelligent positioning design and a series of actuators, allows the lateral transferring of serious patient between mother type care bed and son bed very safely and comfortably. This kind of lateral movement process of the sliding pathway is much comfortable while transferring the bedridden patient.

THE ADOPTION OF ADVANCE TECHNOLOGIES

As with other advanced designs, the SMB-1 with intelligent transfer mechanism was made possible with the advance to technologies and less transferring manpower, leading to a more comfortable and effective product.

Intelligent connecting & Positioning



THE POSITIONING DESIGN OF COUNTERPOINT CONNECTION BETWEEN BEDS FOR TRANSFERRING

A specific challenge in this product was the alignment of counterpoint connection precisely between these two beds while transferring the bedridden patient. Dr. Yu Hsyua designed a clamping device to keep the leading edges of two pairs of compact rails, riding on the top of bed's panel between these two beds, connecting and positioning precisely and effectively.

THE OPERATIONAL CONFIGURATION OF SON-MOTHER TYPE CARE BED WITH INTELLIGENT TRANSFER MECHANISM

To enhance the transferring stability, in addition to locking the castor brake, the alignment of counterpoint connection must be very precise between mother bed and son bed before transferring the bedridden patient,, the magnetic lock needs to be activated to secure this alignment and also to strengthen the clamping force during transferring the patient.



Niche Points



SMB-1, 10-year warranty compact rails with Lead angle design certified by SGS, allows to transfer the bedridden patient between mother and son bed very safely and comfortably.

Mother bed intelligent remote control



Son bed intelligent remote control




M memory key :

After the Connecting positioning points between mother and son bed be confirmed, press and hold M memory key simultaneously for 3 seconds until the green light flashes over to complete the memory process; While the connecting positioning process If needed for next time use again, Please just press the M memory key 5 times to execute it.



P positioning key:

the same operation function mode with , can be ignored to avoid repeated settings.

SCALE-WEIGHT BED WITH INTELLIGENT TRANSFER MECHANISM



SWBIT-1

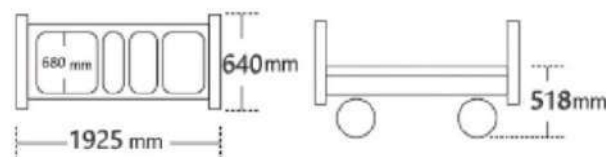
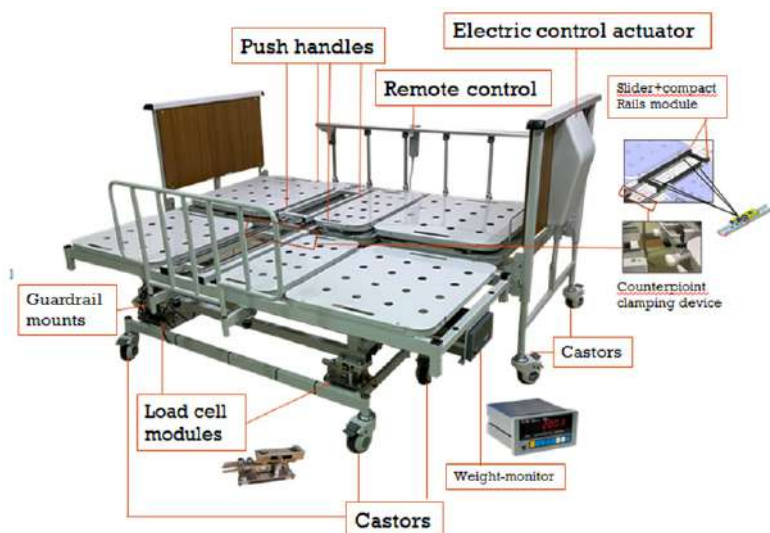


SWBIT-1 SCALE-WEIGHT BED WITH INTELLIGENT TRANSFER MECHANISM

The configuration of Scale-weight bed with intelligent transfer mechanism while in operation of weighing patient.



Scale-weight bed with intelligent transfer mechanism, is incorporated four load cell modules and scale display monitor into the bed structure.



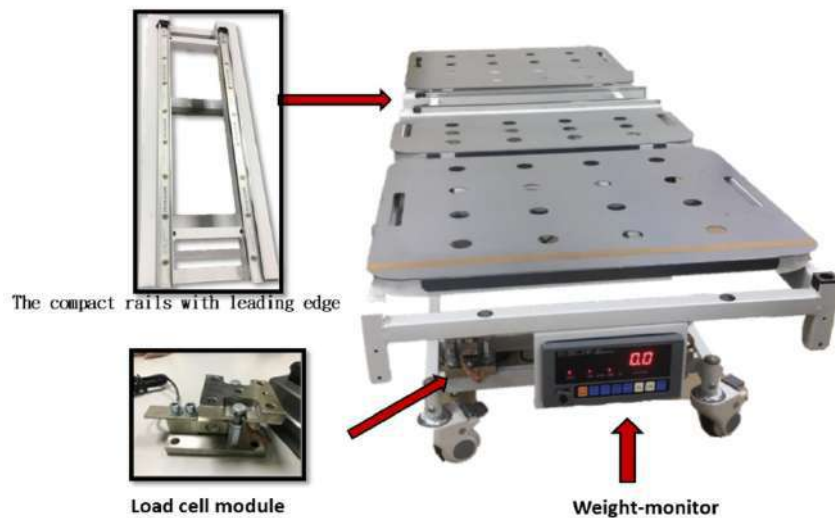
Specification

Overall size: 11925XW640mm

Frame: Steel is made with special Anti-Bacteria powder coating.

±5%tolerance for above

FEATURES



THE IOT DESIGN FOR SCALE-WEIGHT BED

We incorporated four load cell modules and one weight monitor into the structure of Scale-weight bed, which is high versatility assistive device and can be single-person operation for weight-monitoring the bedridden patient conveniently.



POS (PROOF OF SERVICE)

To meet "No Lift Policy" for long-term care, Dr. Yu Hsyua designed and manufactured the Scale-weight bed with the use of sliding aids with lower friction which provide the support of transferring pathway is an effective method of the assistive device with transfer-ring for bedridden patients.



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