Trumpf Medical

ORBITER 3

ORBITER 3F

Product Description

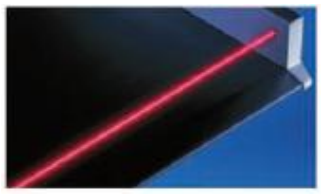
The patient transfer units ORBITER 3 and 3F are a transfer unit with heated table top and a manual or automatically guided program for patient transfer. The unit can be operated via IR remote control and an additional keypad on the control panel.

The ORBITER 3F has got a window for a complete separation of the septic and aseptic area.

The bearing structure is made of easy to clean, disinfectant-resistant, stainless steel.

Application

Automatic patient transfer
The patient is transferred easily, safely and gently without any physical strain on the personnel. The transfer system facilities allow an optimal separation of the sterile and non-sterile areas. The automation provides a quick and easy transfer. Sensors monitor and safeguard the presence of the operating table, the correct height the position of the patient as well as the presence and height of the bed.



Modern operating theatre: Timing through precise spatial and temporal definition of working procedures
Capacity utilization: Get a high transfer frequency through exact personal planning
Monitoring both sides of bearing surface **via light beam barriers**
Smooth transfer is ensured by powerful gentle starting motors
Patented hidden belt edges protect patients from injury
Temperature controlled bearing surface
Positioning control of the hospital bed and the operating table via light barriers

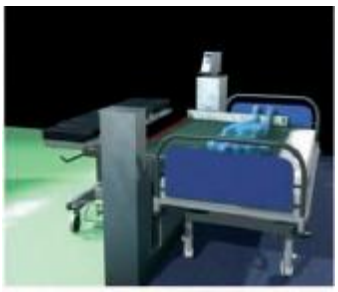
Automatically set of the transfer height
Individual operating with a powerful IR remote control or directly at the control block
Non contacting charging of the IR remote control
Switchable speed of movement
Display guide

- Current function status
- Simple and clear menu navigation in 8 languages
- Easy to read even at an angle

The display leads the user through the entire transfer procedure, advises of special situations and warns in cases of danger or operating errors. The LCD display on the operating terminal indicates low batteries in time. If required the unit indicates the number of operating hours and the number of transfers. The patient transfer unit can be raised to its highest position to protect the system and make cleaning easier.

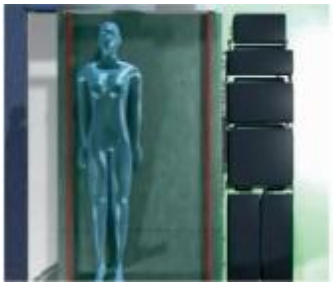
As well as the earlier ORBITER 3 version, the ORBITER 3F, a version with window, is also available.
The patient transfer system is built-in flush between two walls at the separation point to the operating area.
An electrically driven window closes the opening above the patient transfer unit.
The systems are controlled either from a control panel with clearly legible, back-lit LCD display built into both sides of the right-hand column or from an IR remote control.

Transfer Process



- In the non-sterile area the patient is still in bed and is moved to the transfer unit
- Positioning of the operating table in the sterile area.
- The transfer unit lowers to the level of the bed and the patient is being picked-up.

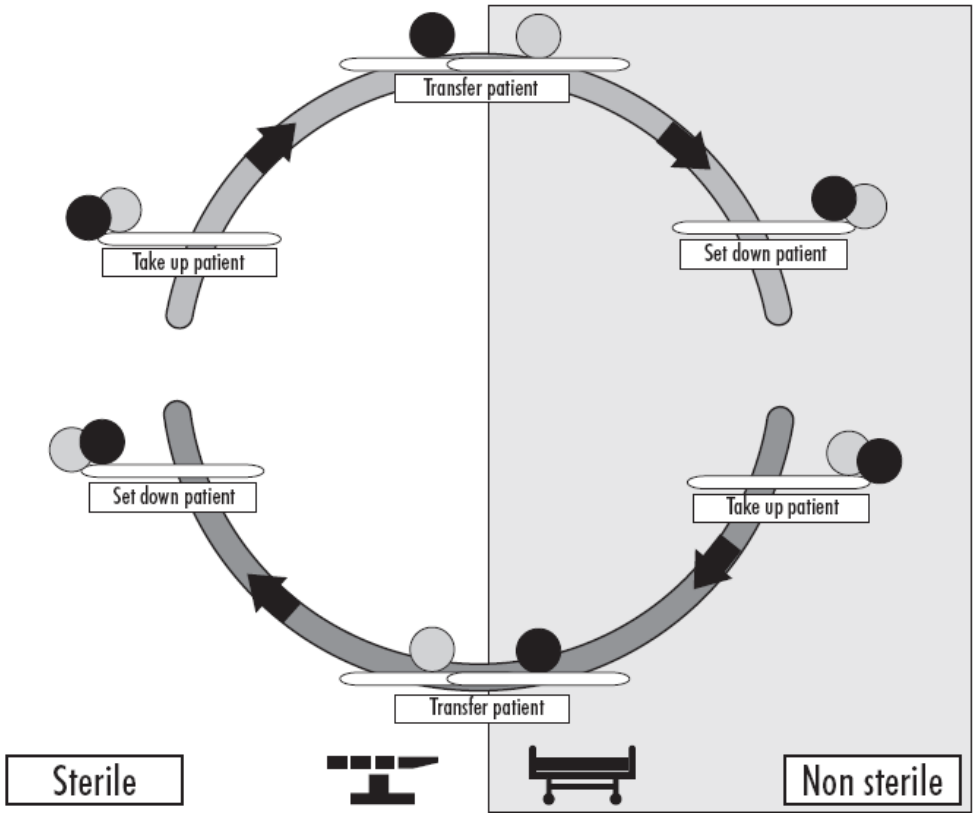
- The patient is transferred to the other side of the transfer unit.
- The transfer unit moves to the level of the operating table.
- The patient is laid down onto the operating table.



- If required the transfer unit can be raised to neutral position.
- …and from the sterile to the non-sterile area::
- For the transfer from the operating table to the bed the procedure is carried out in reverse order.

Transfer Process Phases

Which table you use – the ORBITER is multifunctional – he can be integrated into every table system respectively be combined with every hospital bed whose surface corresponds at least to the length of the transfer platform, because the transfer platform goes in the bed for taking up and setting down the patient.



Every patient transfer process (transfer into the operating theatre, transfer out of the operating theatre can be broken down n three phases:

1. Taking up the patient
2. Transfer the patient
3. Set down the patient

Accessories

Entrance barrier ORBITER (1324256)
The entrance barrier is used for separation of the septic and aseptic area of the patient transfer unit ORBITER.
The bar can be extended for different passage widths.
The bearing structure is made of a robust steel tubing with a sign of plastic.
Dimensions: 600 mm - 900 mm x 1.060 mm

Pad (4145287)
The pad is used for knee positioning. The pad is integrally foamed, electrically conductive and soft.
Dimensions: 500 mm x 450 mm x 280 mm

Extension right / left (4544242 / 4544241)
For elongation of the right / left column up to 400 mm.

Technical Details

	ORBITER
Material-Nº	**ORBITER 3 1246213** **ORBITER 3F 1287662**
Width ORBITER 3/ 3F	2.640 mm (104 in)/ 2.890 mm (114 in)
Height ORBITER 3/ 3F	1.390 mm (54 in)/ 2.880 mm (113 in)
Bearing surface (LxW)	1.820 mm x 1.230 mm (71 in x 48 in)
Transfer platform (LxW)	1.820 mm x 1.230 mm (71 in x 48 in)
Height adjustment	670 mm - 1.180 mm (26 in – 46 in)
Height opened window	1.900 mm (74 in)
Lift window	700 mm (27 in)
Thickness of connecting wall	120 mm – 160 mm (4 in – 6 in)
Distance of sensors	1.500 mm (59 in)
Net weight ORBITER 3/ 3F	approx. 400 kg (881 lbs)/ approx. 550 kg (1212 lbs)
Maximum patient weight	180 kg (396 lbs)

Product Details

ORBITER 3F

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