

# Dolphin® Fluid Immersion Simulation® Advanced Therapy Surfaces



Optionally available in expandable length version



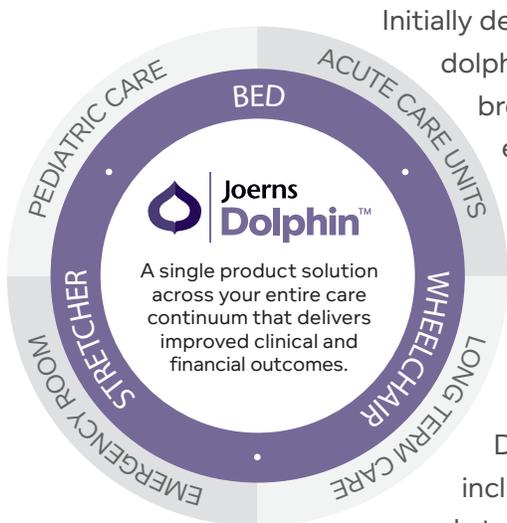
Optionally available for Step-Deck Frames

Prevents and treats wounds by simulating immersion of the patient in a fluid medium

Minimizes soft tissue deformation and maintains near normal blood flow

Automatically adjusts to each patient's weight, surface area and repositioning

12 hour battery life allows for active therapy, even during patient transport



Initially developed for dry transport of specially trained U.S. Navy dolphins, Dolphin Fluid Immersion Simulation (FIS) is a unique breakthrough technology that automatically simulates a fluid environment, maintaining near normal blood flow, minimizing soft tissue distortion, and optimizing tissue oxygenation. Dolphin FIS is the first and only technology to prevent and treat pressure injuries across your entire care continuum, whether it is in the ER, ICU, spinal cord injury unit, or long term care facility.

Dolphin FIS systems are available to fit virtually all your frames, including standard and bariatric hospital beds, tables, wheel chairs, and stretcher pads.

## How It Works

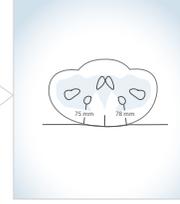
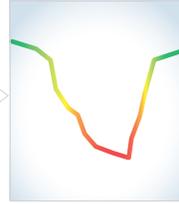
Dolphin® FIS system utilizes complex algorithms and a microprocessor to precisely adjust the surface and optimize for each patient's unique anatomical features. It automatically calculates the exact settings needed to simulate floating in a fluid medium.



**Step 1**  
Patient lies down and the FIS system begins to work

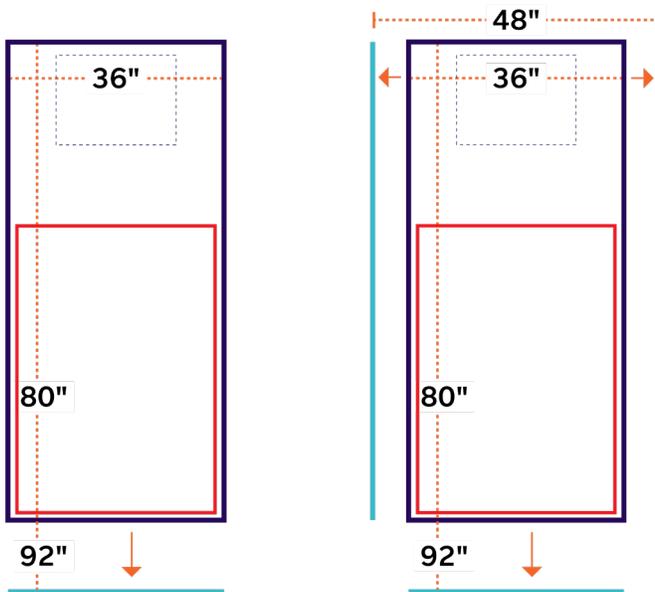


**Step 2**  
FIS system automatically calculates the exact settings needed to mimic immersion in a fluid medium to relieve any contact pressure



**Step 3**  
Soft tissue distortion is minimized and near normal blood flow is maintained

## Dolphin FIS Fits More Patients



The one and only with full body and full patient coverage

## Specifications

### STANDARD

**Dimensions:**  
Width: 35", 42"  
Length: 82"  
Depth: 8", 10"

**Weight Limit:** 500 lb

### EX

**Dimensions:**  
Width: 35"  
Length: 80" - 92"  
Depth: 8"

**Weight Limit:** 500 lb

### BARIATRIC

**Dimensions:**  
Width: 48"  
Length: 82"  
Depth: 10"

**Weight Limit:** 1000 lb

### V-MATT

**Dimensions:**  
Width: 35"  
Length: 88"  
Depth: 10"

**Weight Limit:** 500 lb

### CONTROL UNIT CLASSIFICATIONS

North America: UL 60601-1, CAN/CSA C22.2 No. 601.1  
Europe: Conforms to IEC/EN 60601-1 and IEC/EN 60601-1-2 CE

### WARRANTY

Mattress: two (2) years  
Control Unit: two (2) years

The Fluid Immersion Simulation® technology of the Dolphin System reduces soft tissue distortion and promotes blood flow, creating a platform that is highly effective for the prevention and healing of pressure injuries through Stage 4, as well as, treating patients with post-operative flaps and grafts. The Dolphin FIS System may also be used for patients whose medical condition precludes turning and repositioning, or where these interventions may be contraindicated as they place the patient at risk for further compromise, as well as, patients with spinal cord injury once the acute injury has been stabilized and these patients have been cleared by a physician. In all cases, Joerns clinical indications are guidelines and should be taken only as recommendations for consideration during individual patient assessment by the clinician.