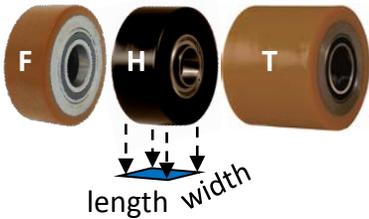


Dolly:  
**EP25/B40**

## WEIGHT DISTRIBUTION ON FLOOR

For transport dolly model EP25 (JLA-e 25/50H) and B40 (JFB 40H)

### Roller Footprint



#### Roller contact surface with floor

- F ► width: 1.97" | 50mm
- F ► length: 3.35" | 85mm
- H ► width: 0.45" | 11mm
- H ► length: 3.35" | 85mm
- T ► width: 1.58" | 40mm
- T ► length: 6.70" | 170mm

#### Footprint per roller:

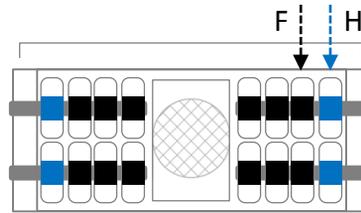
- F ► **6.60 in<sup>2</sup>** | 42.5cm<sup>2</sup>
- H ► **1.50 in<sup>2</sup>** | 9.35cm<sup>2</sup>
- T ► **10.59 in<sup>2</sup>** | 68cm<sup>2</sup>

#### Variations in Footprint:

The yellow JUWATHan roller is elastic and spreads out under weight. This gives the roller a larger footprint for traction. The black JUWAMid roller is harder to help carry the weight and provide improved turning characteristics. ⓘ The footprint above is measured at maximum load capacity. The size of the actual footprint and in turn the actual psi may vary based on actual load weight, temperature, load bearing duration, etc.. Therefore the data provided is an estimate to be used as a general guideline only.

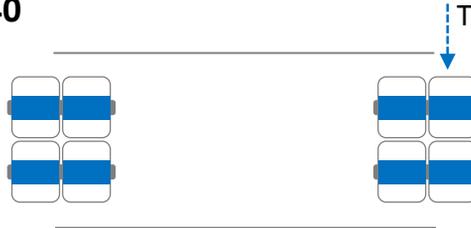
### Dolly Footprint

Dolly Model  
**EP25**



Footprint per dolly: ► **44.4 in<sup>2</sup>**

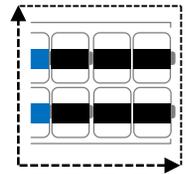
Dolly Model  
**B40**



Footprint per dolly: ► **84.72 in<sup>2</sup>**

### Footprint per ft<sup>2</sup>

Footprint within 1 ft<sup>2</sup> area with the highest pressure



**1 ft<sup>2</sup>**  
**area**

Footprint per ft<sup>2</sup>:  
► **16.65 in<sup>2</sup>**

### Pressure per in<sup>2</sup> for concerns about indenting soft floor

$$\text{Pressure (psi)} = \frac{\text{Load weight (lbs) per dolly}}{\text{Footprint (in}^2\text{) per dolly}}$$

Max pressure per in<sup>2</sup> at maximum load capacity ► **1126 psi**

### Pressure per ft<sup>2</sup> for concerns about breaking through supported floor

$$\text{Pressure (psf)} = \frac{\text{Load weight (lbs) per dolly} \times \text{Footprint (in}^2\text{) per ft}^2}{\text{Footprint (in}^2\text{) per dolly}}$$

Pressure per one ft<sup>2</sup> at maximum capacity ► **18,750 psf**

