

Customer Need	Product Attributes	Engineering Specs
Can get through tight spaces	Maneuverability within hospital room	Clears a passageway of 18 inches wide or smaller
Goes everywhere that a patient goes	Maneuverability	Minimal directional singularities
Takes minimal effort to move	Maneuverability in one direction	Takes less than 2 N pushing at a height of 43" to move
Takes minimal effort to change directions	Maneuverability in changing direction	Takes less than 7.5 N pushing at a height of 43" to change directions
Does not inhibit the patient's mobility	Maneuverability in hallways	Allows normal gait and stride (binary – does not hit the user when walking)
Patient can access bathrooms independently	Maneuverability into bathroom	Gets over the lip of a doorway smoothly (binary)