Abstract

Equipment of transportation medium for disabled person was needed to do their activity every day more easy without obstacle. Development more founded any device to abridge for disabled person, begin at cane for walk, wheel chair, until bycicle who design special for paraplegics.

From that moment, we want to modify ordinary bycicle to become bycicle motorized design with two fron wheel and one back wheel (tricycle). The problem is how to designed independent fron wheel, and transmision design was used in this bycicle.

From ressult of experience is gotten minimal power was needed for grass trimmers engine to moving back wheel required 0.22 Hp. with maximum load as big as 70 kg, and maximum speed of planning is 30 km/jam.

Keywords: Disabled person, Tricycle, Grass Trimmers Engine