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# Dynamic Behavior Analysis of Grass Trimmer Using Finite Element Method

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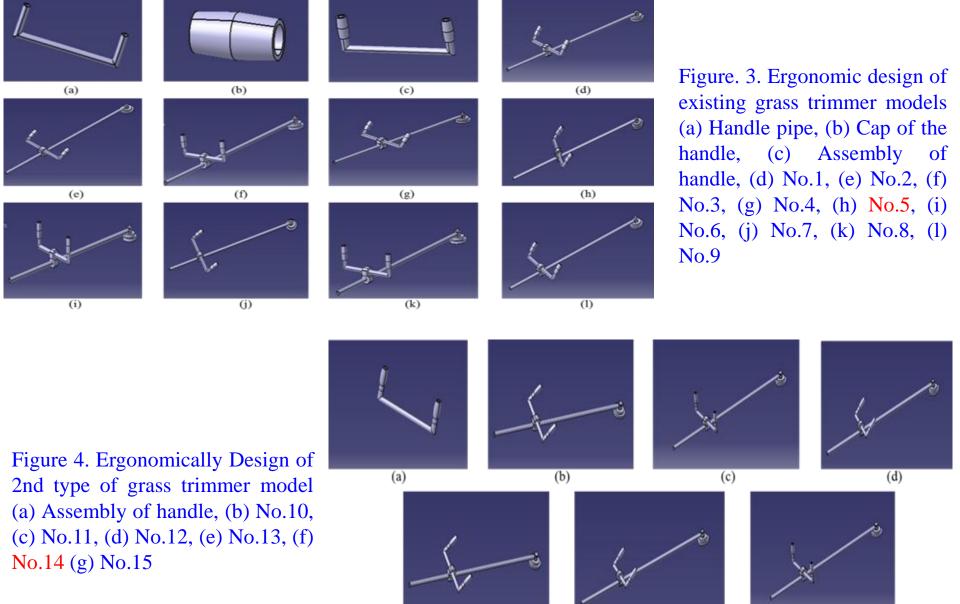
#### Hand Arm Vibration (HAV) Syndrome



Figure 1 Effects of HAV

Figure 2 Prevention of HAV

#### Design of Grass Trimmer



(e)

(f)

(g)

## Dynamic analysis of Grass Trimmer

Modal analysis

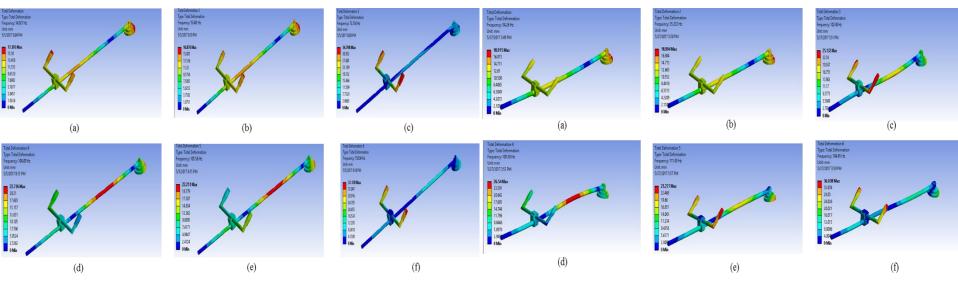


Figure 5 Model No. 5

\*\*Harmonic analysis\*\*

Figure 6 Model No.14

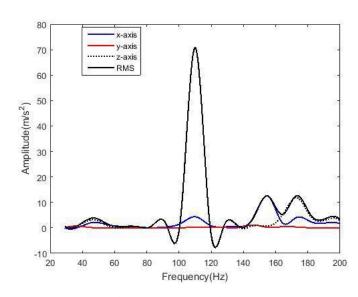


Figure 7 Model No. 5

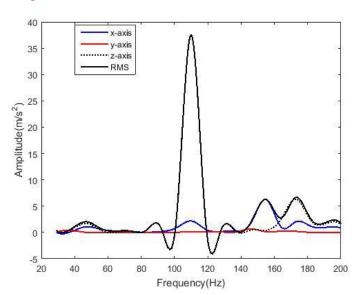


Figure 8 Model No.14

