

Zhou H, Hu L, Luo X W, Tang L M, Du P, Mao T, et al. Design and test of laser-controlled paddy field levelling-beater. *Int J Agric & Biol Eng*, 2020; 13(1): 57–65

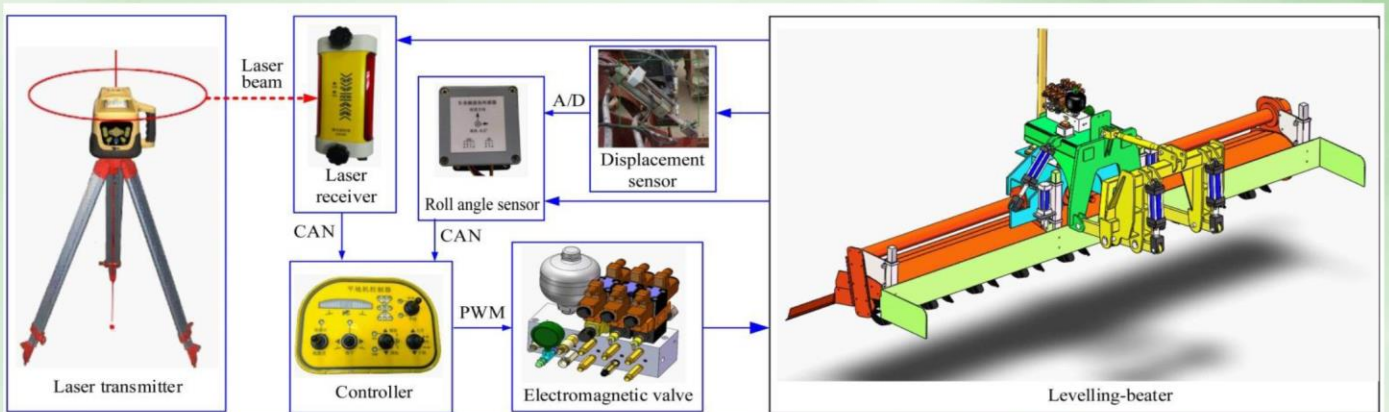
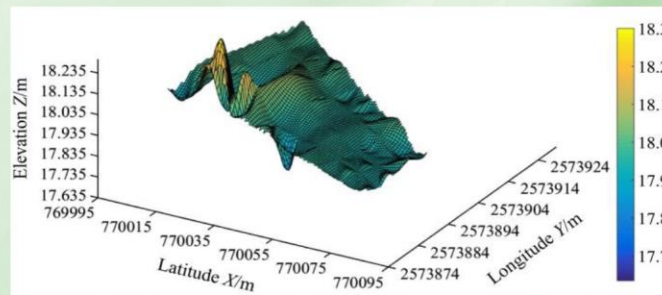
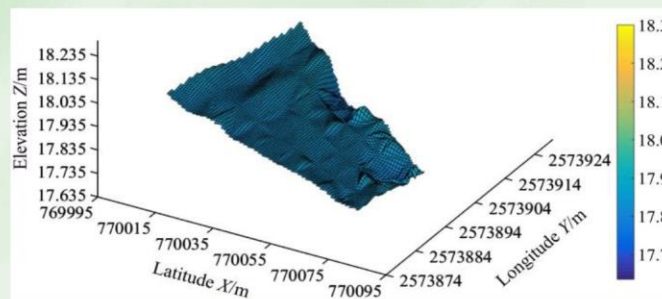


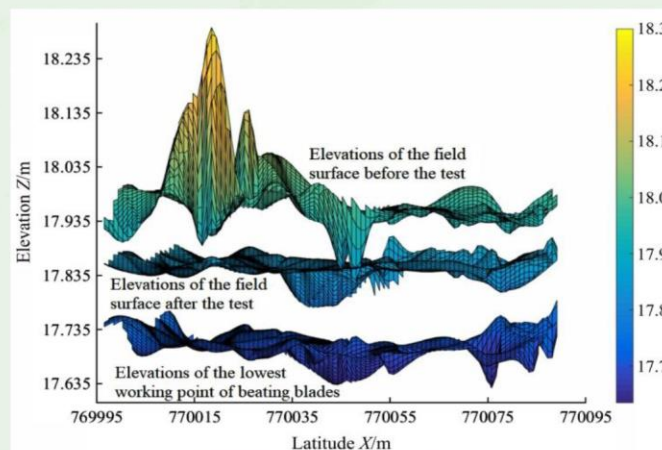
Figure 6 Block diagram of the automatic control system



a. Three-dimensional rendering of the field flatness before the test



b. Three-dimensional rendering of the field flatness after the test



c. Elevations of the soil before and after the test, and the lowest working point of the beating blades

Figure 11 Three-dimensional rendering of testing results

Dai F, Song X F, Guo W J, Zhao W Y, Zhang F W, Zhang S L. Simulation and test on separating cleaning process of flax threshing material based on gas-solid coupling theory. *Int J Agric & Biol Eng*, 2020; 13(1): 73–81

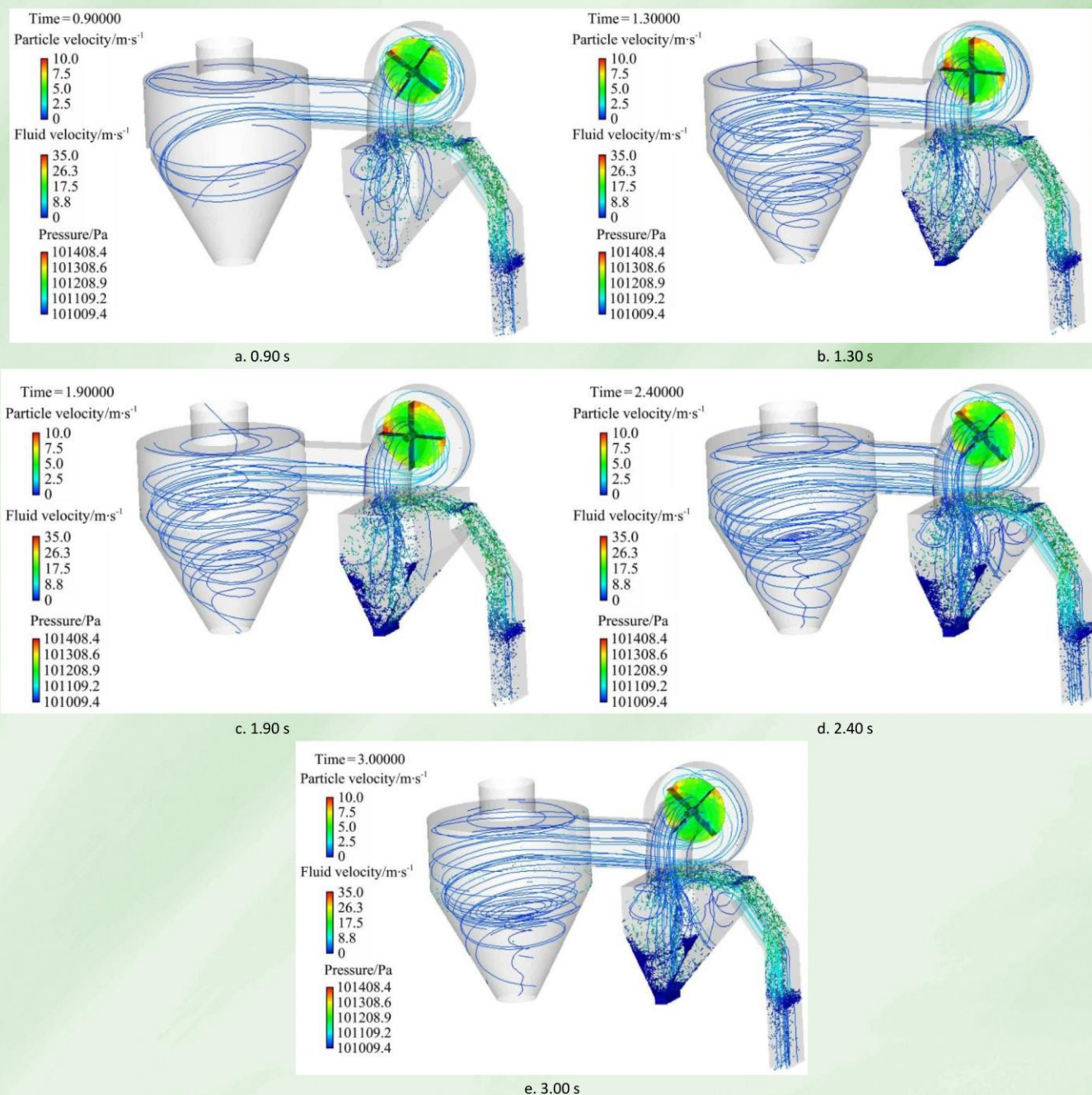


Figure 8 Motion analysis on components of flax threshing material in different regions



Figure 11 Verification test on the separating cleaning device for flax threshing material