



**FIGURE P2-3**

Problem 2-20 Backhoe and front-end loader *Courtesy of John Deere Co.*

- 2-20 Make kinematic sketches, define the types of all the links and joints, and determine the mobility of the mechanisms shown in Figure P2-3.

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\* This figure is provided as an animated Working Model file on the CD-ROM. Its filename is the same as the figure number.