$$I_{\text{wheel}} = 2\frac{1}{2}(15.0\text{kg})(0.180\text{m})^2 = 0.486\text{kg-m}^2$$

$$I_{\text{wall}} = 2\frac{1}{2}(2.0\text{kg})((0.180\text{m})^2 + (0.320\text{m})^2) = 0.27\text{kg-m}^2$$

$$I_{\text{tread}} = 2(10.0\text{kg})(0.330\text{m})^2 = 2.175\text{kg-m}^2$$

$$I_{\text{axle}} = \frac{1}{2}(14.0\text{kg})(0.02\text{m})^2 = 0.0028\text{kg-m}^2$$

$$I_{\text{shaft}} = \frac{1}{2}(30.0\text{kg})(0.032\text{m})^2 = 0.0154\text{kg-m}^2$$

$$I_{\text{total}} = 2.94\text{kg-m}^2$$

$$\alpha = \frac{190.0\text{ N-m}}{2.94\text{ kg-m}^2} = 64.4\,\text{rad/s}^2$$