



MACHINE TRAVELLING AHEAD, SPREADING AND CROSS-CUTTING

**2. Platform and Transmission** The platform was built throughout of the best Carnegie structural steel, large enough to provide room for all machines, and strong enough to withstand the most severe strains, due to the excavator's catching up roots or logs. The driving mechanism includes 2 speeds forward; a working speed of about 30 inches per minute, and a speed of about two to three miles per hour to be used when turning the mill or travelling empty to or from any place on the working area. The front supporting apron can be turned to steer the machine in either direction. It will turn within a radius of about 30 to 40 feet. The steering is accomplished from a hand wheel conveniently situated. A rope spool has been provided by means of which stumps may be pulled. Each individual machine in the plant is controlled by its own friction clutch and, as I have remarked before, these are brought to central points to be operated conveniently. We have also provided a reverse mechanism.