



The boom may be the standard Clyde swinging type or rigid, and



Manganese steel point on shoe used on the end of the rail inclines on Clyde Decker Loader.

boom legs either steel construction or wood timbers. The swinging type is operated by a steam cylinder and piston, direct-connected with a cross yoke supporting the lower ends of the boom legs and pivoted at the center. This may be locked in a central or side position and held rigidly, if desired.

The power plant on the Decker Loader is a Clyde double cylinder engine with two cone thrust friction drums. Three drums may be furnished if desired, to care for skidding purposes as well as loading. All gears are steel with machine cut teeth from a solid blank. The engine is link motion for propelling the machine in either direction.

Each drum is provided with steel ratchet ring and pawl and is operated independently of the other. All drums have long bronze bushings lubricated

with compression grease cups easily accessible.

An adjustable friction mechanism is attached to the crank shaft, to engage the loading drum for furnishing slack in the load line. This greatly assists the return of the load line to the next log.

The engine and boiler are mounted on a cast bed, making a complete unit in itself, so that all piping, shafts and gears are held firmly and a perfect



Hand Ratchet drum used on Clyde loaders for taking up slack in the side guying lines when using the machine for skidding.



Connecting link or reach for coupling cars to the Clyde Decker Loader.

