

The storage drum for carrying the main trolley cable is an improvement originated by Clyde and contributes materially to quick moving from one setting to another. This consists of a drum of sufficient capacity to carry the length of trolley line to reach the maximum distance required and affords storage on the machine for all surplus trolley cable when set at shorter than maximum distance.

Clyde are originators of the *intergeared* system of connecting the skidding and outhaul drums which takes the place of the old system of so-called "interlocking drums."

The combination of cableway skidder and loader, operating on a single track and self-propelling is distinctively a Clyde production.

Briefly, the different standard styles of Clyde cableway machines might be classed as follows:

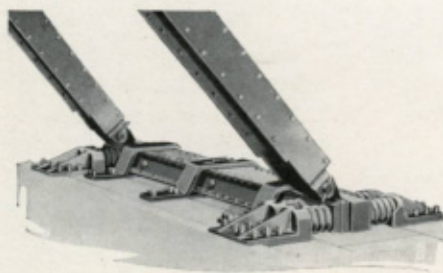
*Clyde Cableway Skidder*, mounted on railroad trucks, with boom attached, and having storage drum on the engine for main trolley cable.

This type of machine is for skidding only and to be followed with separate loading unit. Where this plan is feasible both skidding and loading units may be worked to their fullest capac-

ity without one operation interfering with the other.

The frame is built of structural steel throughout, hot riveted and thoroughly braced.

A structural steel boom is mounted on the front end thoroughly braced to the rear with steel truss. This provides for all blocks and hangers to lead all cables fairly to their respective drums.



Flexible Base of Skidding Boom.

The base is flexibly connected and equipped with spring buffers that absorb all twisting strains to which the boom structure is subjected.

This style is also made in smaller and lighter sizes with wood timber boom supported by cable from the peak to a structural steel "A" frame mounted on the main frame. In this style the main trolley cable runs to the top of the boom, thence to an anchorage and back over the top of the boom end in direct line with the skidding trail so that the trolley cable forms its own

