**application of the cableway then adapter forest wheeled tractors**

aplikácia LANOvkovej nadstavby ako adaptéra pre lesné kolesové traktory

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**Abstract:** Field conditions, high proportion of mountain forests and forest health condition requires ecological forest machinery. Skidding by cable systems is the most ecologically friendly skidding method. On the basis of the need of greater use of timber skidding by cable systems we started to work on a proposal of cable system based on transportation-circulating cable as adapters of forest wheeled tractors.

**Key words:** skidding, cable system, forest wheeled tractors, adapters

**Abstrakt:** Terénne podmienky, vysoký podiel horských lesov a zdravotný stav lesov si vyžaduje ekologicky vhodnú lesnú techniku. K najšetrnejšiemu spôsobu sústreďovania dreva patrí sústreďovanie lanovkami. Na základe potreby rozšírenia sústreďovania dreva lanovkami sa pristúpilo k návrhu nového lanového zariadenia na báze dopravno-obežného lana ako adaptéra na lesný kolesový traktor.

**Kľúčové slová:** približovanie, lanovka, lesný kolesový traktor, adaptér

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