

1. Record Nr.	UNINA9910347053403321
Autore	Weidemann Roman
Titolo	Analyse der mechanischen Randbedingungen zur Adaption der oszillierenden Hinterschneidtechnik an einen Mobilbagger
Pubbl/distr/stampa	KIT Scientific Publishing, 2014
ISBN	1000039462
Descrizione fisica	1 electronic resource (159 p. p.)
Collana	Karlsruher Schriftenreihe Fahrzeugsystemtechnik / Institut für Fahrzeugsystemtechnik
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The oscillating disc cutting process has shown excellent results in precisely removing area-limited-concrete structures. Due to the highly dynamic oscillatory motion, the stiffness requirements to the tool structure and the basic machine have to be considered, which is the main purpose of this work. Based on these results, a concept of a mechanical adaption of the oscillating disc cutting process to an excavator attachment tool will be developed and tested on a prototype.