

SUMMARY

The diploma project is executed on 82 pages and 36 pictures, 5 tables and 3 posters A1.

In this diploma project, an analytical review of existing adjustable electric drives used in industry. The choice of the horizontal milling machine as the most universal for industrial needs is substantiated. The choice of the engine and power electrical equipment was made, the automation of the technological process of the dryer operation was performed. The control scheme of electric drives which gives the chance to carry out effectively the requirements concerning the machine is designed. The graphs of transients are obtained by mathematical modeling.

ELECTRIC, VECTOR CONTROL, HORIZONTAL MILLING MACHINE,
DEVELOPMENT, AUTOMATIC, MATHEMATIC MODEL, RESULTS.

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	Letter	№ of doc.	Sign	Date	Servo-driven feed of a machine with a synchronous motor Summary	Liter.	Page	Pages
	Devel	Zemlianyi A.O.					7	82
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