

**SAW IN THE CLEANER OF RAW COTTON FROM LARGE
CONTAMINANTS CLEANING THE DISTANCE BETWEEN THE
CHIMNEYS IN THE WORKING PART OF THE DRUM
ANALYSIS TO STUDY THE EFFECT ON EFFECTIVENESS**

Juraev Davron Amir oglu*; **Safarov Davron Isayevich****;
Berdimuratov Javli Abdinazarovich***

*Assistant,
Termez Institute of Engineering and Technology,
UZBEKISTAN
Email id: djurayevdavron27@gmail.com

**Assistant,
Termez Institute of Engineering and Technology,
UZBEKISTAN

***Assistant,
Termez Institute of Engineering and Technology,
UZBEKISTAN

DOI: 10.5958/2249-7137.2022.00338.X

ABSTRACT

This article introduces changes to the equipment for large-scale decontamination of raw cotton, including the brush drum parts located in the UHC unit, and increased the efficiency of the equipment. The equipment for cleaning cottonseed from large contaminants mainly consists of a supply roller, a pile-bar drum, a saw drum, a brush drum and a dead conveyor. The function of the brush drum is to transfer the seed cotton from the pile-plank drum to the saw drum and to separate the contaminated seed cotton from the saw drum teeth and transfer it to the next process. In our experiment we used rubber to separate the cotton from the steel blades and saw drum teeth instead of the built-in brush drum brushes for conveying the seed cotton. the blade separator was replaced by drums. This has led to the elimination of defects such as abrasion, breakage, overheating, increased cleaning efficiency, work productivity.

KEYWORDS: *Seed Cotton, Fiber, Seeds, Impurities, Coarse Impurities, Brush Drum, Iron Drum Drum, Rubber Blade Separating Drum, Cleaned, Saw Drum.*

REFERENCES

1. Jabborov GJ. et al. Processing of raw cotton seed processing technology. Tashkent. "Teacher" 1987.
2. Zikriyoev EZ Preliminary processing of raw cotton. Tashkent, "Labor", 2002.
3. Sidikov Kh. et al. Study of the cause of slaughter in the process of cleaning raw cotton on a saw cleaner OHP-3. Cotton industry. Tashkent. No. 4. 1971.

4. Juraev A. et al. Development of structures and methods of calculation parameters of peg drums. LAP Lambert Academic publishing. 2016.
5. Xakimov ShSh. Cotton raw materials from major contaminants practical study of the ignition device in cleaners. Mechanics problems. Tashkent. 2015;3-4:80-82.
6. Khakimov ShSh. On the development and implementation of a bar drum for cleaning raw cotton and trapping extraneous soft impurities. Scientific and Practical Conference. Tashkent. 2007