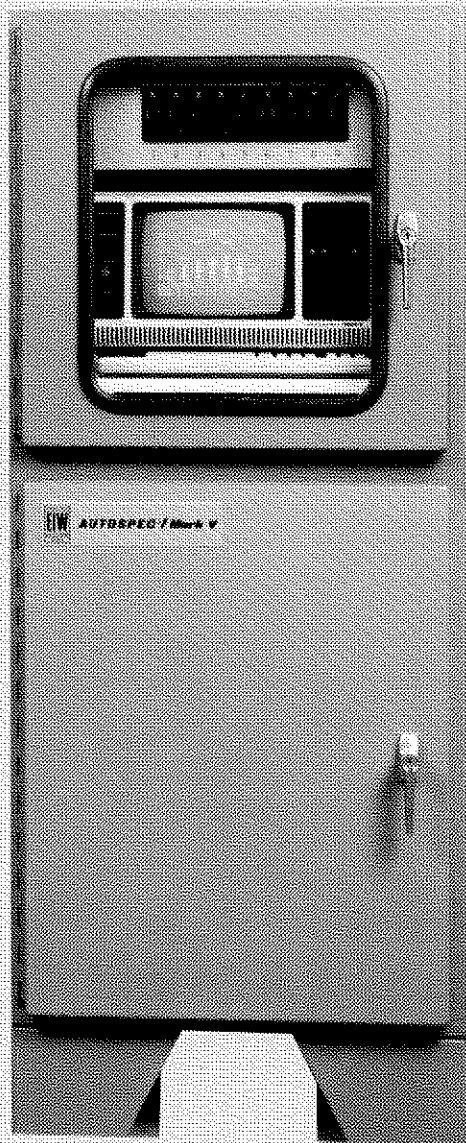




# EAGLE

## AUTOSPEC®-Mark V Computer Controlled Sand Reblending System

(U.S. Patent No. 4199080)



General Catalog Section B-1

**REBLENDING  
CONTROLS  
AUTOSPEC®-Mark V**



**AUTOSPEC®-Mark V controls reblending, maximizes yield for Kansas producer.**

## Computer controlled sand reblending

AUTOSPEC®-Mark V is the ultimate in Eagle Sand reblending systems. It's a computer-based system that regulates and tracks sand reblending to maximize your yield from an Eagle Water Scalping-Classifying Tank.

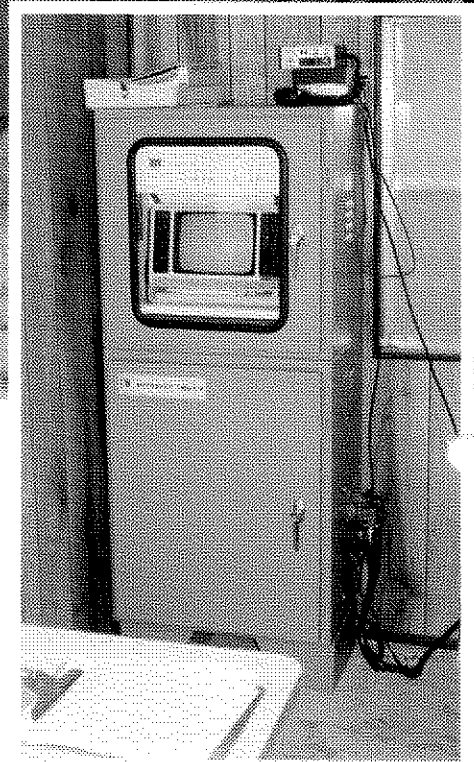
A complete AUTOSPEC®-Mark V system consists of a microcomputer-managed programmable controller enclosed in a cabinet built to NEMA 12 specifications. An optional printer for reports is also available.

In a typical operation, the AUTOSPEC®-Mark V equipment is in the supervisor's office. It's connected to sensing mechanisms at the Water Scalping-Classifying Tank's settling stations. Through these sensors, the system monitors feed gradation

and adjusts the Tank settings to maximize product output and reduce material waste.

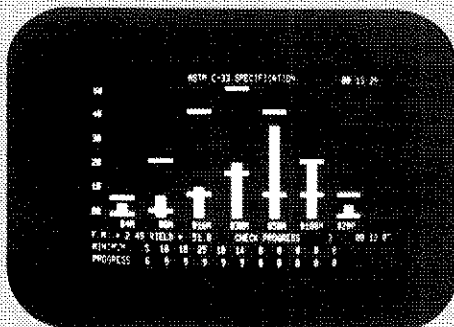
The AUTOSPEC®-Mark V system determines optimum reblending settings based on product specifications and the available feed. The system can store specifications for up to nine different products. The operator simply selects the desired product, and AUTOSPEC®-Mark V calculates and sets the controls. Most adjustments required because of feed gradation changes are also made automatically by the system. An audible alarm alerts the operator to any serious feed or mechanical problems—before the product goes out of spec.

The capabilities of AUTOSPEC®-Mark V make it a complete control system for to-

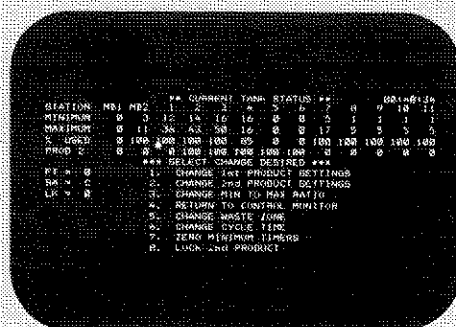


**The AUTOSPEC®-Mark V system runs on an easy-to-use microcomputer. The operator simply keys in the desired product, and the system automatically sets and monitors reblending.**

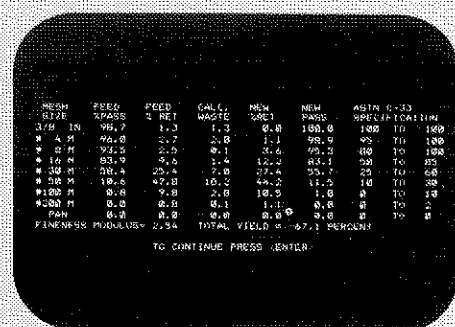
day's high volume sand processing. It nearly eliminates the chance for operator error and product contamination from feed gradation changes. It's ability to store product specifications simplifies production changes.



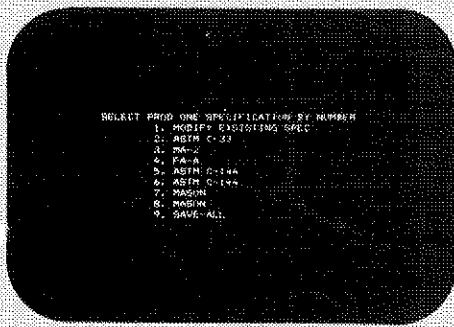
Presents a graphic display of the current product status and tank operation.



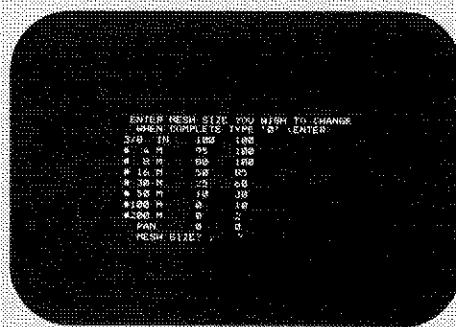
Detailed display of the tank operating parameters; such as percent of utilization at each discharge station.



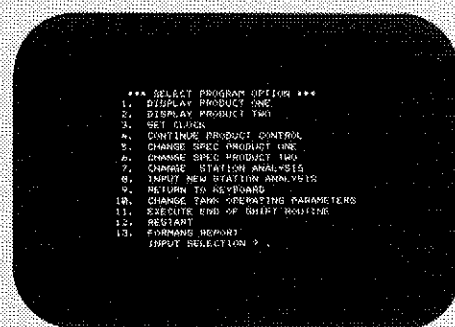
Comparative data of feed vs. product compared to the product specification, as well as reject material.



Displays the specification library containing up to 9 Specifications or modified specs.



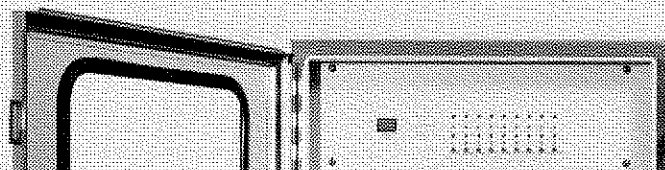
Details the specification to be made and allows for modification for such purposes as altering the F.M.

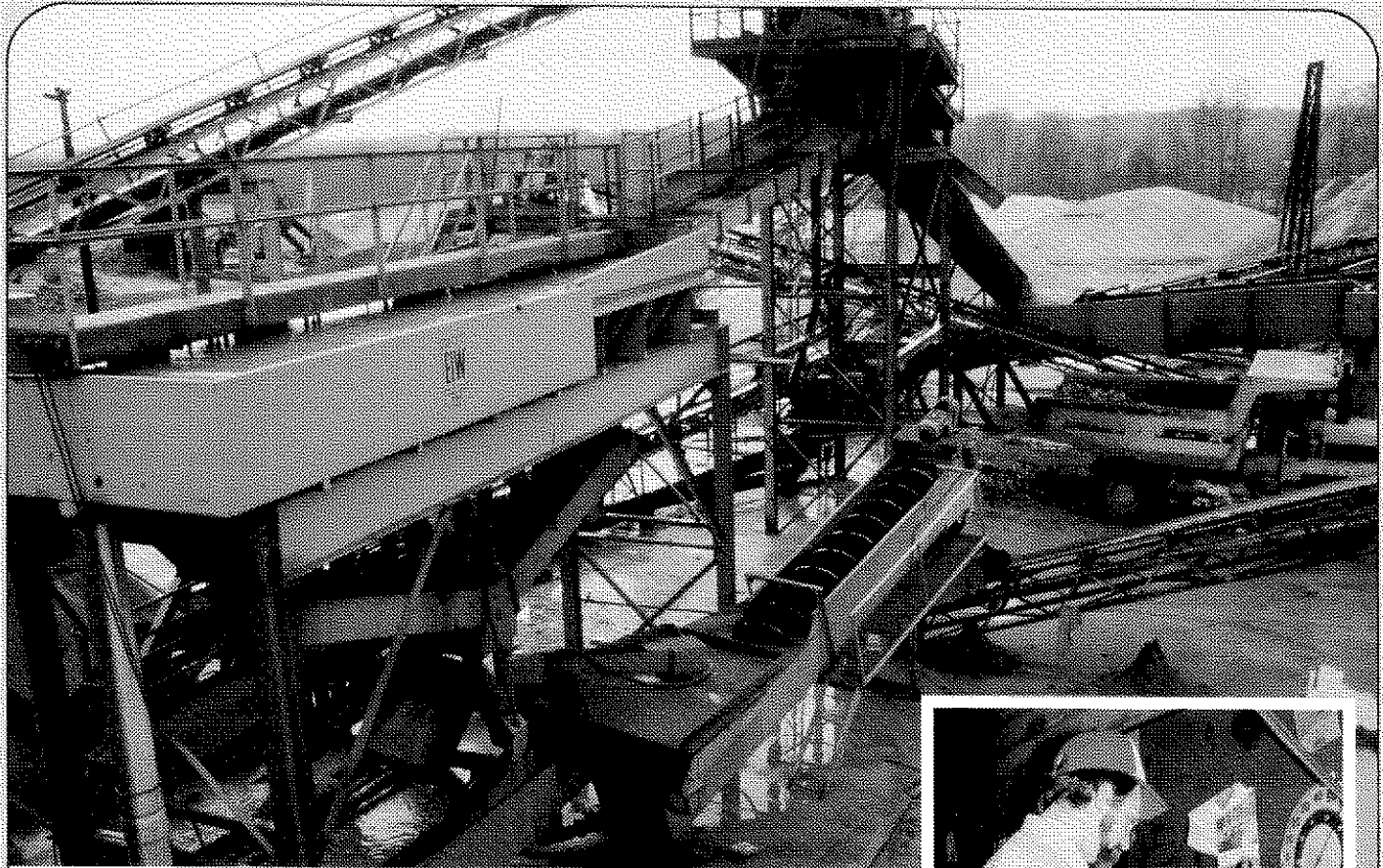


Master menu allows for the selection of all the control operations which are available to the system.

NOTE: Print-outs of any of the screen data can be made using the optional printer.

Eliminates guesswork and provides maximum





AUTOSPEC®-Mark V computer-controlled sand rebinding system in Maryland operation is designed to maximize yield from Eagle Water Scalping-Classifying Tanks.

## Put the proven performance of AUTOSPEC®-Mark V to work in your operation

No system as comprehensive as AUTOSPEC®-Mark V can be considered a success until it has been proven in the field. AUTOSPEC®-Mark V has. The installations pictured here (and inside the brochure) are representative of the successful operations in which this system has been field tested and proven.

In 1961, Eagle pioneered the idea of automated sand rebinding with the in-

roduction of the original AUTOSPEC® system. Since then, other systems have followed to meet the variety of needs found in the sand processing industry. Like those early systems, AUTOSPEC®-Mark V was designed by Eagle engineers who know your needs and problems. To learn more about putting the result of their efforts to work in your operation, contact your Eagle Iron Works distributor.



The heart of the system is a microcomputer that stores product specifications, monitors feed gradation and regulates sand rebinding automatically.



EAGLE IRON

# BRAUER

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