



Cat[®] Electric Rope Shovel Upgrade

Protect Your Largest Asset: **OPERATOR ASSIST – ENHANCED MOTION CONTROL**

Operate your Electric Rope Shovel with confidence

We understand how important it is to keep your electric rope shovel in the bank. That is why Caterpillar developed the Operator Assist - Enhanced Motion Control program. This upgrade simplifies how your 7495 shovel is operated, providing machine self-protection without sacrificing productivity.

Compatible with existing Cat[®] 7495 Series shovels and is standard on a new 7495 shovel, the Operator Assist - Enhanced Motion Control software reduces machine downtime while maintaining productivity, ultimately improving cost per ton.

**Reliable.
Consistent.
Simplified Operation.**

BUILT FOR IT.™



CAT[®]



APPLICABLE MACHINES

Machine	Serial Number
7495	ER601143 - up
7495 HF	ER801136 - up
7495 HD	ER701157, ER701162, ER701186, ER701246

SYSTEM DETAILS

The Operator Assist – Enhanced Motion Control program allows your shovel to spend more time digging by eliminating or reducing the occurrence of:

- **Crowd over-speeds**
- **Crowd impacts**
- **Hoist stalls**
- **Boom jacking**
- **Swinging while digging in the bank**

FREQUENTLY ASKED QUESTIONS

Will the Operator Assist – Enhanced Motion Control system have any impact on the productivity of my shovel?

The Operator Assist software is designed to enhance the operation of your 7495 shovel without impeding productivity. Additionally, through consistent cycle times, fill factors, and less unplanned maintenance from machine damage, you may see an improvement in production.

What kind of improvement can we expect on the life of the components this upgrade is designed to protect?

Shovel operation is unique to each mine and component life may vary. Depending on your digging practices, you may see the following improvements:

- A more reliable crowd rope replacement schedule
- Hoist ropes achieving full design life
- Less wear on crowd brakes
- Improved hoist gear case life

To learn more call your local Cat dealer today.

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