

Title:	Shovel Motion stops when Loading Plate	ID:	
		0321	
Date in:	Response:	Model:	Author:
2008-07-09	2008-07-09	STX220	CMa

Q:

The STX220 often stop when load/unload. When I tried to move shovel plate mover, it was little bit hard to move. I guess some parts are worn or Motor does not work smoothly.

By the way, can we make motor torque stronger ?

A:

Ralf will forward you the part numbers. However, I would recommend that you replace/upgrade the entire lift wagon. The motor is available as (sealed) motor assembly only.

We increased the motor torque on later units. There were changes in the motor gear ratio (about 2 years ago) and in the controller card. What is the age / serial number of the unit you're working on? I added a picture of the latest controller card. It may be recognized by the two black solid state relays.

Pls note that motor has sufficient torque. The most likely reason for this motion to stall is poor alignment of the shovel mechanism to the stackers (poor clearance on height (DM20, DM21..), angular misalignment (DM80 or carrousel sensor..) etc.!

