

Title:	Shovel Turn Adjustment Service Commands	ID:	
		0197	
Date in:	Response:	Model:	Author:
2004-09-11	2004-09-11	MPH	CMa

Q:

We are having trouble getting the s/w (stxfer-1.exe) to rotate the plate shovel. The only commands that works are the up and down keys and the shovel extend.

A:

The MPH firmware goes back to the cytomat times. For the lift motion you may use DM6 that holds the lift height.:

```
RD DM22           ;get x-fer height
WR DM6 xx         ;move lift to x-fer height
```

For the Turn- and Shovel Motion you may activated them manually:

```
WR DM123 63450   ;enter service mode
```

```
ST 1702          ;Turn out
ST 1701          ;Shovel out
RS 1701          ;Shovel in
RS 1702          ;Turn in
```

```
When done..
WR DM123 0       ;exit service mode
```