

# TECHNICAL TIPS

## CRANES

Type of Tip:

### Slow Control Functions

Necessary Tools:

**Personal Observation**

Applicable Models:

**HC50 / HC60 / HC80 / HC110  
HC165 / HC230 / HC275 Equipped with  
ML-D5A Moment Limiter**

*My Terex*  
CRANES

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### Basic Safety Rules



#### Danger

Failure to follow the instructions and safety rules in the Operator's Manual and Service Manual appropriate to your machine will result in death or serious injury. Many of the risks identified in the operator's manual are also safety risks when maintenance and repair procedures are performed.

Do not perform maintenance unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
  - The manufacturer's instructions and safety rules
  - Employer safety rules and workplace regulations
  - Applicable government regulations
  
- You have the appropriate tools, lifting equipment and a suitable location.

The information contained in this technical tip is a supplement to the service manual. Consult the appropriate service manual for your machine for safety rules and risks.

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### All Control Function are Slow

- There are two ways in which the operator can activate these functions.
- To immediately slow down all functions, press the push button on the boom hoist lever and the green SLOW DOWN light will come on immediately. All functions are slowed at that point.



**Slow Down  
Push Button**

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### Other Possible Causes

- The second is the activation of the Slow Down / Gentle Stop switch.

This feature will cause all control functions to slow down when:

- The load on the hook reaches 90% capacity.
- The working limits *when LIVE* (boom angle, radius & hook height), have been exceeded.

WORK LIMIT (USER'S SET)			
Hi-LMT B-Angle	75.0 °		LIVE
SLOW-DN angle	2.0 °		
Lo-LMT B-Angle	30.0 °		DEAD
SLOW-DN angle	2.0 °		
MAX RADI-LMT	999.9 ft		DEAD
SLOW-DN RADI	0.1 ft		
MAX Height-LMT	999.9 ft		DEAD
SLOW DN Height	0.1 ft		
END of whole SET by ○			
ⓘ : Choose ITEM by ↑↓ Change DEAD/LIVE by ←→ & ○ Previous SCREEN by ✕			



Slow Down  
Gentle Stop Switch