

**KNOWLEDGE BASE**Article Type: **Reference**

## Height Change Requirements for; Model 30, 40, 50 and 60 Machines

**Description:**

Reference Information on “What to use; proper spacers when changing to a different height mold, spacers and stops on the machine must be exchanged, reference following pages.

**WARNING**

Never work on, clean or service this unit, control panel or any machine or open or remove any protective cover, guard, grate, door, or maintenance panel until the power or energy sources has been turned off, locked out / tagged out, and all moving parts have come to a complete stop and or blocked to prevent movement. Machinery is dangerous - avoid personal injury and or death by following manufacture, Local, and OHSА safety procedures. Contact Columbia Machine for safety decals, guards, horns and beacons.

## HEIGHT CHANGE REQUIREMENTS FOR MODELS 30/40/50&60 BLOCK MACHINES

### HEIGHT CHANGE REQUIREMENTS

If the replacement mold is of a different height, spacers and stops on the machine must be exchanged and other machine adjustments must be performed as defined in the following procedure.

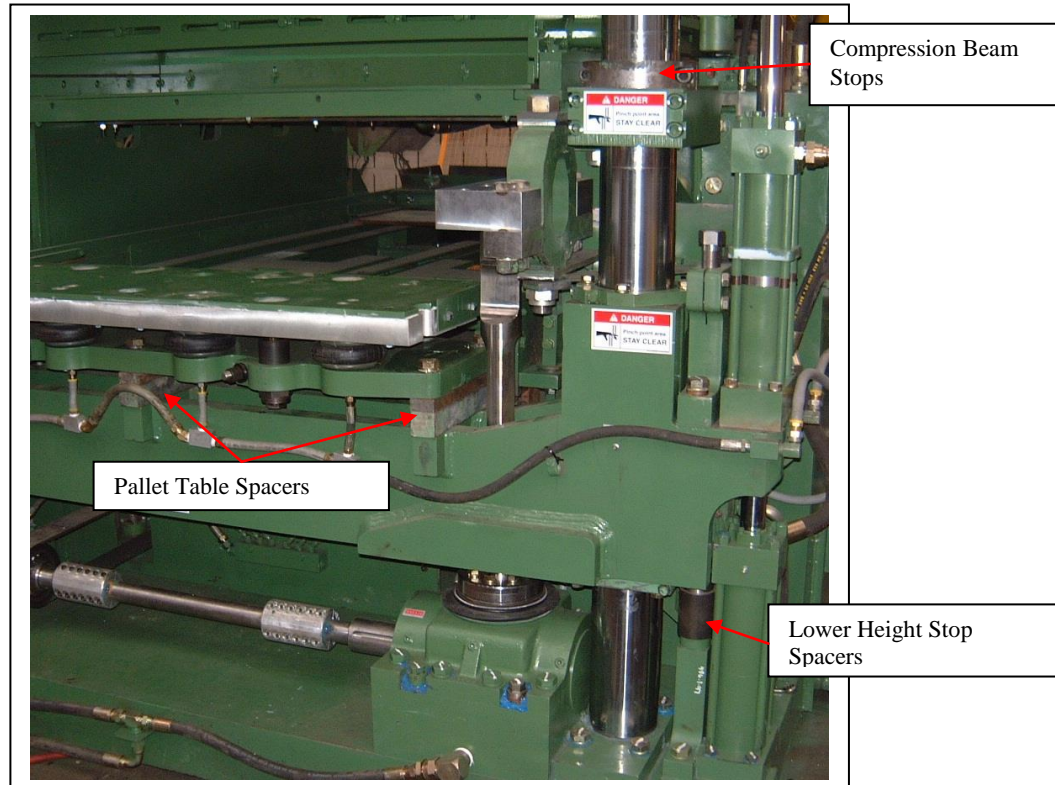
Table III defines spacer and stop requirements in relation to block height and Figure 14 shows installation requirements.

The various height dimensions given may be made up by adding or subtracting stops and spacers as required. Various retaining hardware lengths are provided for installation of different size pallet holder spacers.

**TABLE III. STOP AND SPACER REQUIREMENTS.**

SPACER/STOP CONFIGURATION (Total In.)				
Block Height (in.)	Lower Height Stop	Compression Beam	Pallet Holder	Head Spacer
4	6	8	8	2
6	6	6	6	2
8	4	4	4	2
10	2	2	2	0
12	0	0	0	0

Continue with Height Stops & Spacer Installation next page



Compression beam stop Part numbers:

1.	485.2.22	Stop, 2.0	Comp Beam	C5004.11
2.	485.2.23	Stop, 1.12	Comp Beam	
3.	485.2.24	Stop, .250	Comp Beam	C5004.22
4.	485.2.25	Stop, .500	Comp Beam	C5004.23
5.	485.2.21	Stop, 4.0	Comp Beam	C5004.13
6.	C5004.15	Stop .625	Comp Beam	
7.	C5004.19	Stop 1.125	Comp Beam	
8.	C5004.24	Stop 1.625	Comp Beam	
9.	<b>C5004.25</b>	<b>Stop 3.750</b>	<b>Comp Beam</b>	
10.	C5004.30	Stop 1.750	Comp Beam	

Pallet table spacers

1. C5003.37 1" Pallet table spacer
2. C5003.36 2" Pallet table spacer
3. C5003.38 ½" Pallet Table spacer
4. C5003.35 4" Pallet table spacer
5. C5003.39 ¼" Pallet table spacer

Lower Height Stop Part Numbers:

- 1.
2. C5006.1 Spacer 2" lower Stop
- 3.
4. **C5006.2 Spacer 4" lower stop**