





	Part Name / Description: Base Channel: Platinum, XCM, P10	Instruction #: OP100015	Page 1 of 10
	Operation Instruction Title: Laying Platinum Base Channel	Revision Date: 04/03/2018	Revised By: V. Frail
		Revision No. 1	Approved By: S. Ditner




NOTE: BASE CHANNEL IS TO BE LAID BY THE JAMESWAY INSTALLATION TECHNICIAN ONLY


Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100015 Step 1 	<p>Open the laser level case and allow it to come to room temperature while you are preparing to use it.</p> <p>Once it has reached room temperature, check the calibration on the rotary laser following the procedure.</p> <p>(Consult OP100011 Rotary Laser procedure)</p>	Rotary Laser	Throughout: Safety Shoes Safety Glasses Hearing protection as required Dust mask Additional equipment as required by the site
OP100015 Step 2 	<p>Check the floor for appropriate dimensions to the layout. You will install machines according to the layout if there is one.</p> <p>Check floor for the highest point. Mark this point as levelling across the bank will need to start here.</p> <p>(Consult OP100011 Rotary Laser procedure)</p> <p>Be sure to check the entire floor in the room including any areas where there could be future expansion to find your high point.</p> <p>Report any floors with more than 1" deviation to the Service Manager.</p>	Rotary Laser Measuring tape Level Pencil	

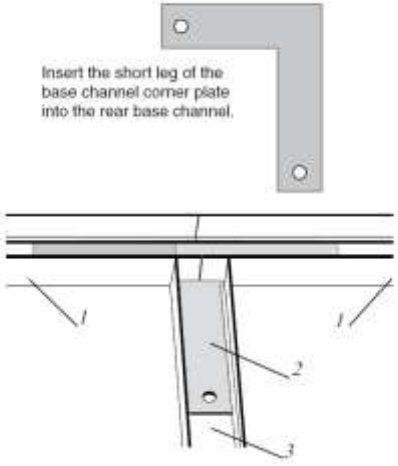

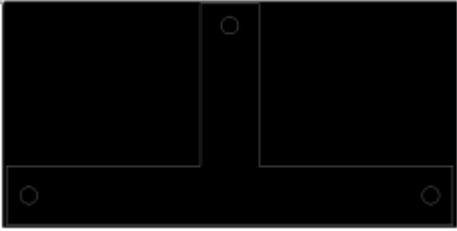
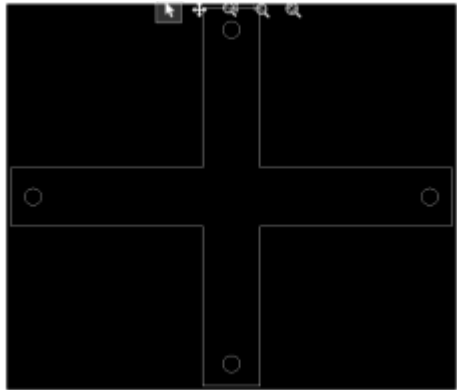
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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 3</p> 	<p>Remove the base channel from the appropriate boxes for the number of machines in the bank.</p> <p>Check each piece for appropriate dimensions and square ends.</p> <p>Consult the Platinum Critical Dimensions spreadsheet for lengths and tolerances if necessary.</p> <p>Report any discrepancies to Customer Service, Quality and the Service Manager.</p>	<p>Measuring Tape</p>	
<p>OP100015 Step 4</p>  <p>All base channels have the same hole layout</p> <p>○ Anchor bolt ● Levelling screw</p>	<p>Insert PB1753 levelling screws into the base channel in the tapped holes.</p> <p>Insert them in nearly all of the way.</p> <p>Note: If your floor is on the borderline of acceptability, or if you prefer, you may lay out the base channel and square it all, drill and insert the anchors and then lift the channel and thread in the levelling screws. This will allow the base channel to be steadier.</p>	<p>½" Chuck Cordless Drill</p> <p>7/8" Socket</p>	



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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 5</p>  	<p>Measure two points, one at either end of the room, away from your reference. Use a chalk line to mark this line.</p> <p>Sample references may include a rear wall, the trough drain or another bank of machines.</p> <p>Ensure you have adequate clearance off the walls as the rooms cannot be assumed to be square and straight. Also ensure there is adequate clearance off the walls the entire height of the cabinet as well.</p> <p>Note: Jamesway layouts typically show 4" or 100 mm clearance all the way around the machines off the surrounding walls.</p> <p>Note: Some rooms will have a "wet" floor where the chalk line will not be visible. In this case, drill two 3/8" holes at your points and insert a 3/8" dowel or similar and run a nylon string taut between the two.</p>	<p>Measuring Tape</p> <p>Chalk Line</p> <p>Alternate:</p> <p>Drill</p> <p>3/8" drill bits</p>	
<p>OP-() Step 6</p> 	<p>Arrange the base channel extrusions into a general configuration in the desired location along the marked line.</p> <p>Arrange one row of machines at a time. If the bank is a double bank of machines, arrange the entire bank at once.</p> <p>Note: Pay attention to the location of the floor joints. You should not locate a base channel directly on the floor joints as the anchors may shift. Move the bank to avoid this issue. Anchors should be located a minimum of 2" from all floor joints.</p>		



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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 7</p>  	<p>Lay the side channels.</p> <p>Place a MB19698 corner plate in all end corners of the base channel. The short leg of the corner plate should be in the rear base channel.</p> <p>Place two corner plates in the extrusions where there are side-add on machines.</p> <p>Note: You may also order the following plates: MB19851</p>  <p>MB19852</p> 		


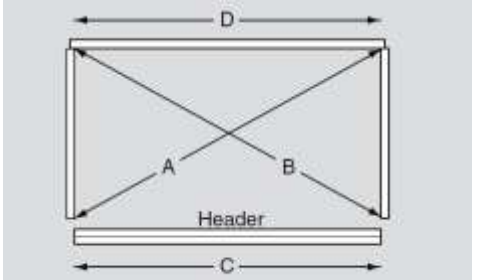

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 8</p> 	<p>Lay the headers between the side base channels to align them properly.</p>		
<p>OP100015 Step 9</p> 	<p>Use a bucket and piece of wood to help stabilize the side base channel at one end of the bank during measuring and adjusting to ensure square.</p>		



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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 10</p> 	<p>Check the bank overall for square by measuring the diagonal across the width of the bank.</p> <p>Ensure you measure to the same point each time by having one person hold the tape along the rear channel for both measurements and another at the front of the side channel for both measurements.</p> <p>The measured distance should be equal $\pm 1/16''$ (1.5 mm).</p> <p>Adjust as necessary to ensure this critical dimension.</p> <p>If your measuring tape does not reach the end of the bank, you will have to work in smaller sections. Always work in the largest section your tape will allow.</p> <p>For a double bank, measure both the overall bank and each side individually. Use a string held taught against the side channels to ensure they are in line with each other.</p>	<p>300' Measuring tape</p>	
<p>OP100015 Step 11</p> 	<p>Mark the position in pencil of the exterior side channel.</p>	<p>Pencil</p>	

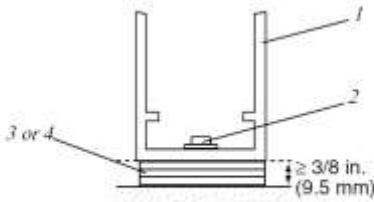


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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100015 Step 12 	Drill the anchors for the rear base channel. Insert the anchors and tap them once to place them. DO NOT tighten. Note: Ensure the drill is plumb and vertical for the duration of drilling.	Hammer drill 3/8" Concrete drill bit Hammer	
OP100015 Step 13  <p>Base channel measurements must remain square. Check the following measurements: A = B C = D = length of the header extrusion</p>	Starting with the basic cabinet and maintaining the base channel location, measure the critical dimensions of each cabinet to ensure each is square. Ensure the rear and side channels remain in the location marked.	Measuring Tape	
OP100015 Step 14 	If the critical dimensions are all equal $\pm 1/16''$ drill the anchors for the side channels. Insert the anchors with one tap but do not tighten. Note: Ensure the drill is plumb and vertical for the duration of drilling.	Hammer drill 3/8" Concrete drill bit Hammer	


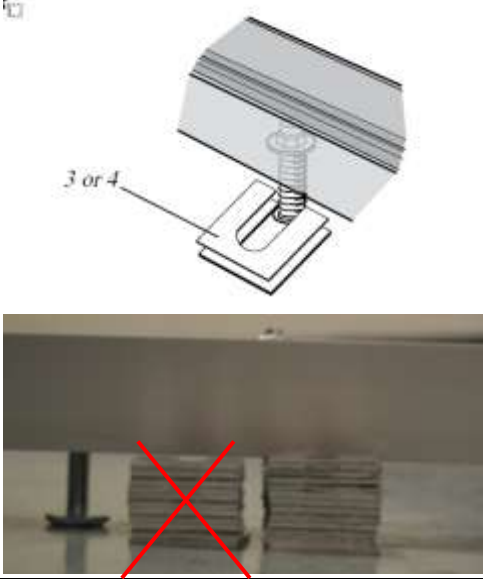


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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 15</p> 	<p>Continue squaring and checking critical dimensions for all machines on the bank.</p> <p>Drill and insert all the anchors, but do not tighten.</p>	<p>Measuring tape</p> <p>Hammer drill</p> <p>3/8" Concrete drill bit</p> <p>Hammer</p>	
<p>OP100015 Step 16</p> 	<p>Begin levelling the base channel in the highest spot as marked. Level this cabinet first, and then level all other cabinets off this one.</p> <p>Set up the laser level to an arbitrary height above the floor. (see laser level procedure). Somewhere around waist level is sufficient and easy to use.</p> <p>Set the detector to meet the laser beam exactly on the base channel at the highest point.</p> <p>Move to the levelling screw at the front of the cabinet and using a long handled screw driver, raise the base channel until the detector meets the laser beam. Ensure the gap at the front of this side channel is a minimum of 3/8" (9.5 mm) off the floor.</p> <p>If not, adjust the gap to 3/8" (9.5 mm) minimum, adjust the detector height, and then go back and increase the height at the highest point levelling screw as necessary.</p>	<p>Rotary laser</p> <p>Long-handled flat screwdriver</p> <p>Measuring tape</p>	

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>OP100015 Step 17</p>  <p><i>At the front of the cabinet the side base channel must be no less than 3/8 in. (9.5 mm) above grade.</i></p> 	<p>Level the front of all side channel using the detector and adjusting the levelling screws.</p> <p>Ensure a minimum gap of 3/8" (9.5 mm) at the front of each side channel.</p> <p>If the gap is not maintained, increase the levelling screw height at that side channel, adjust the detector height, and then re-level all previously levelled screws.</p>	<p>Measuring tape</p> <p>Rotary laser</p> <p>Long-handled flat screwdriver</p>	
<p>OP100015 Step 18</p> 	<p>Continue to level all side base channels and the rear base channel by using the laser detector and raising the levelling screws as necessary.</p> <p>The levelling screws should each be individually adjusted with the detector at each screw.</p> <p>Once complete, check the complete level of all base channel once again.</p>	<p>Rotary laser</p> <p>Long-handled flat screwdriver</p>	

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Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
OP100015 Step 19 	Check the critical dimensions again for each cabinet to ensure it is square and has not been moved during the process.	Measuring tape	
OP100015 Step 20 	Insert shims at each anchor bolt and check level again across each machine and across the bank. Always go one shim over rather than being one under the height of the base channel.		
OP100015 Step 21 	Raise the levelling screw so it is not in contact with the floor. Tighten the anchor. Lower the levelling screw until it just touches the floor surface.	Flat screwdriver 9/16" wrench 9/16" socket 1/2" chuck cordless drill Socket adapter	
OP100015 Step 22 	Verify all machines are square and level again by checking critical dimensions and using the laser detector before proceeding to wall panel installation.	Measuring tape Rotary laser	