



Techniques for Pouring a circular concrete slab using the SPIN SCREED:

To prepare for a circular pour, a ½ inch black iron pipe approximately 18 inches long should be driven into the sub grade in the exact center of the circular pour so that it protrudes exactly 1 inch above the desired finish grade of the concrete floor. When ready to begin the screeding operation, the male end of the pivot point adapter is inserted into the open end of the ½ inch black iron pipe and the screeding operation can begin. The Spin Screed should be set up as shown in the diagram above so that it will move clockwise around the circular pour as viewed from an over-head position.

Begin by placing and screeding by hand a small circle (two to three feet in diameter) of concrete around the pivot point paying careful attention to bring the level of the concrete up to a point that is one inch below the top of the ½ inch black iron pipe. Once this small circle of concrete is placed, it will not be necessary to expend time in the future working around the pivot point. You are now ready to begin placing concrete in front of the Spin Screed so that the screeding process can continue. On circular pours, contractors occasionally use a narrow metal band to form the outside of the circular pour. If the Spin Screed is allowed to spin on a thin narrow band of steel, it will be damaged considerably, therefore, this should not be allowed to happen. If you choose to use a thin narrow band of steel to form the circular concrete pour, the Spin Screed can be protected by placing a piece of vinyl siding J. channel over the top of the metal band so as to let the Spin Screed run on the J channel rather than the top of the thin metal band. Several pieces of J channel can be used or a single piece can be moved around the form as the screeding process advances.

When finished pouring the circular pour, it is desirable to remove the Spin Screed from the concrete pour without messing up the recently placed concrete. The live end of the Spin Screed can be lifted a foot or more so that a bull float with a short piece of 2x4 placed on top of it can be slid under the Spin Screed and pushed toward the pivot point. Once the 2x4 touches the Spin Screed, the outer end of the Spin Screed should be lowered so that the male end of the pivot point adapter is lifted out of the ½ inch black iron pipe and thereby released from the pivot point. The bull float that is then loaded with the Spin Screed is then slid gently to the outside of the concrete pour so that it can be removed and cleaned.

WHEN PLANNING TO USE THE SPIN SCREED TO POUR CIRCULAR FLOORS, A PIVOT POINT ADAPTER NEEDS TO BE ORDERED IN ADDITION TO A COMPLETE SPIN SCREED.