The RoCo Weep Hole Drilling Machine is used to drill weep holes on the underside of cured hollowcore concrete slab. The advantage of this process is that there is a clear unobstructed functional hole into the core of the slab allowing residual and built up water to drain from the core. The machine is set up on the casting rails over the beds in the factory. It is made up of two separate vehicles: the slave and master trolleys. They can be joined together for transport along the rails. When a suitable position is decided upon along the rails the two vehicles are separated. The slave is parked in a stationary position and the master is driven along the rails to accommodate the length of the slab to be drilled. There is a 3 phase connection cable from the master to the slave. Cycle time is 45 seconds to drill 22 holes, and is as follows:

1: Position the combined machine in a suitable place along the bed
2: Separate the trolleys, applying the brake on the slave
3: Move the master from the slave to match the length of slab to be drilled
4: Place the slab on the trolleys such that the end of the slab is touching the stop on both the master and slave trolley
5: The drills will automatically start and drill up through the slab at the centre of the cores - a flashing light will indicate drilling is in progress
6: When drilling is complete lift off the slab and continue to the loading area.

- **SIMULTANEOUS DRILLING OF UP TO 22 HOLES**
- **REPLACE INDIVIDUAL DRILLS**
- **EASY REPLACEMENT OF DRILL BITS**
- **MASTER TROLLEY IS DRIVE HYDRAULICALLY ALONG THE BED**
- **AUTOMATIC PLC CONTROLLED DRILLING PROCESS**
- **2 DIFFERENT DRILLING SPACINGS AS STANDARD**
- **CLEAR UNOBLSTRUTED HOLES**
- **HOLES DRILLED AT BOTH ENDS OF THE SLAB IN 1M FROM THE END**
- **45 SECOND CYCLE TIME**

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
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<tbody>
<tr>
<td>Length</td>
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<td>Width</td>
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<td>Weight</td>
<td>480Kg</td>
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<tr>
<td>Drill Heads</td>
<td>Spaced to suit cores</td>
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</tbody>
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400 V 3 Phase 50HZ

50m reeling cable on master trolley

Video Available by Request