

Road Paver

Concrete Paver Machine - Road Projects

- High precision cylinder finisher pavement for concrete slabs such as Streets, Parking, Factory floors, Bridges, Airports, Tennis Courts etc.
- It can finish a width from 3.5 mts. to 20 mts
- Machine can finish upto 150 Sq. meter / hour at suitable site condition.
- Light weight construction for easy erection and transportation from site to site
- The special Under carriage consists of a spreader auger to spread the concrete to level, The finishing Cylinder to compact and finish the concrete to the grade
- Finishing roll bracket can be equipped with vibrator (Optional)
- Works to any slab height
- Special texturing and curing machine are made to get line on concrete surface and spraying curing compound (Optional)
- When the road paving works special arrangement is made to create camber on road.
- UNISTEEL RCP 750 PAVER MACHINE is also equip with two Needle vibrators and it inserts automatically in fresh concrete one after other, this will give vibrating deep in slab height creating a homogeneous bounding of slab without air gap in between the concrete slab. This function is not in any other method. One should insert manually needle vibrator in any other method of paving except slip-form method. In manual method it is not possible for man to get each and every portion of concrete cannot be achieve. (Optional)
- Toeing arrangement of UNISTEEL RCP 750 PAVER MACHINE is very easy to attach, simply fix bolts and it is ready for toeing. There is no need to take any part of paver away for fixing the toeing arrangement. In less time you can sift the paver from one end to another. (Optional)
- The frame structure is light in weight and therefore very easy for transport and erection.
- The frames are available in the lengths of 4feet; 8feet and 12feet. These are pin bolted together according to the size of the slab width.
- RCP-750 can be incorporated in use for a working width between 3mtr to 20mtrs.
- Hydraulically operated needle vibrators are provided on the mobile assembly to stir the concrete to remove any air bubbles if present in the mix and thus reduce the porosity. Due to Needle Vibrator may struck side partition you have to do 400mm manually on both side (Optional)
- Hydraulic Needle vibrators vibrate with a frequency 10,500 vpm. (Optional)
- The paving is carried out with a Vibrating-finishing drum of 4 feet in length and 10.7 inches (272 mm) in diameter.
- The finishing drum is equipped with vibrator to achieve better finishing.
- Crowning arrangement is provided for cambering the surface of the road.
- 4 no's of mechanically adjustable jacks are provided for maintaining the machine level.
- The forward and reverse motion of the machine is controlled by hydraulically operated bogie.
- The finishing drum bracket has an ability to swivel at an angle of 20° in either direction to accommodate harsh mix for a quality finish.
- Leveling screws are used to level the rails on which the machine moves to maintain the smoothness of surface and to avoid irregular paving.

PRODUCTS GALLERY

