

Roads, Parking Lots
and Airfields
(Asphalt-based)

Power Cooler

NETIS Registration No. : KT-070033-V



Asphalt Pavement Forced Cooling Equipment

Overview

- Equipment for forcefully cooling high-temperature asphalt surfaces prior to opening to traffic during construction of asphalt pavement.
- "Power Cooler" cools the pavement using water mist and air jets.

Features

- By using "Power Cooler" to cool pavement, it is possible to shorten the curing time of the pavement prior to reopening to traffic. It is also effective for reducing initial rutting after opening to traffic.
- Pavement surface is efficiently cooled using a combination of water mist and air jets.
- Vehicle body is lighter because it uses FRP (fiber reinforced plastic) and double tires are used, which reduces the ground contact pressure by about half that of tire rollers, so it is not over compacted.

Applications

- Emergency construction such as intensive pavement work for expressways
- Asphalt pavement work for nighttime or summertime work