

# Heat Wave - 50 kw

## Asphalt Repair / Ground Thawing

The Heat Wave system, depending upon the horn being used, allows for quick, easy asphalt repair and small area ground thawing.

### Transmitter / Waveguide

- Up to 50,000 watts (50 kilowatts) output of microwave power
- Allen Bradley touchscreen control system (displays all operating information)
- Hydraulically controlled waveguide (moves microwaves from transmitter to the target area)
- 180 degree turntable (enables larger range of motion)
- Customized rotary joints (allows for placement of horn on uneven surfaces)

### Caterpillar Generator

- Diesel
- 3 phase power
- 460 volts
- 90,000 watts
- 100 amps

### Horn Options

#### Asphalt Repair

*(fans microwave energy out evenly, by using spinner device, to provide uniform heat over the asphalt surface)*

#### Ground Thawing

*(funnels microwave energy in a tight formation to quickly penetrate the frozen ground)*

- Flexible waveguide extension piece allows for more snug fit to surface



Ground Thawing Horn



Asphalt Repair Horn