

Products Overview

Aperçu des produits



i-Snow [smart nice operation work]

Platform for integrated activities to enhance productivity and safety at snow removal sites through labor-saving measures

Improving efficiency and saving labor in snow removal operations to help address emerging problems at snow removal sites, such as winter disasters and frequent road closures caused by abnormal weather, etc, and a declining workforce due to the aging of operators.

- (1) Labor saving operation and automated control of snow-throwing operations by utilizing high-accuracy 3D map data and quasi-zenith satellite Michibiki
- (2) Automatic chute control according to snow mound profiles made possible by an surrounding environment measuring system (3D-LiDAR)
- (3) Automatic control of snow removal rates according to snow removal load by using the snow removal rate control system
- (4) Safety measures using millimeter-wave radar, stereo camera system, etc.

(1) Labor saving in operation and automated control of snow-throwing operations

QZSS
"Michibiki"



HTR308L

For loading snow onto trucks in single traffic lane
 Engine rated output: 242 kW, Maximum snow clearing capacity : 2,700t/h
 ※For loading snow onto trucks : 730m³/h snow clearing width : 2,600mm

HTR308L is a single-lane, rear-loading rotary snowplow designed to improve operational efficiency and safety.
 In Japan, snow transport and disposal is normally carried out using two-lane parallel loading.
 However, by adopting a long-reach belt conveyor system, the HTR308L enables single-lane, in-line loading.

Transport / Operation Posture Diagram

