

## MTT1600H

# Road-rail 16 tool tie tamper



### Features Maintenance of large-scale track with road-rail vehicle

- Road-rail vehicle dedicated to tamping provided with 16 tool tie tamper unit
- The uniquely developed tie tamper unit ensures working efficiency and effectiveness equivalent to those of tamping machines.
- It can be mounted on a track by using a crossing, and, therefore, time and labor for forwarding can be saved.



### Examples of work





## Principal specifications

Item	MTT1600H
Base vehicle	ISUZU U-FTR32FB
Total weight of vehicle (kg)	13,000
Source for track running and working	Vehicle engine side: Triple gear pump/Working engine side: Quadruple gear pump
Rated hydraulic pressure (kgf/cm <sup>2</sup> )	210
Max. discharge (ℓ/min)	Vehicle engine side:125 / Working engine side:280
Max. track running speed (km/h)	Forwarding: 15 (1st gear) 30 (2nd gear) 40 (3rd gear)/Working: 10
Max. gradient of track	30 / 1,000
Construction method	Tamping of sleepers one by one under both rails
Max. tamping depth (mm)	Approx. 250 deep from underside of sleeper
Tie tamper vibration frequency (Hz)	30
Tie tamper amplitude (mm)	4.0
Tie tamper squeezing power (kgf)	4,000 (per tooth)
Tamping efficiency (m/h)	250 (single tamping)/150 (double tamping)

## Major dimensions

