

# Vibratory Tamping Roller

The vibratory tamping roller is designed for vibrating, road rolling, and tamping applications on various projects. With an adjustable amplitude and impulse force, the roller provides effective operation.



## Overview

### Versatile Compaction Solution

The Vibratory Tamping Roller is a multi-functional machine designed to combine vibrating, road rolling, and tamping capabilities into one efficient unit. It is engineered for a wide range of applications including factory grounds, residential areas, municipal projects, road construction, and highway development. With an impressive amplitude of up to 10mm and an impulse force of approximately 2.6T, this equipment delivers high-performance compaction results while maintaining a simple, reliable structure with a low failure rate.

## Key Features

### Key Advantages

Vibrating, Road Rolling, Tamping, High Vibratory Force, Simple Structure, Low Maintenance

## Performance Metrics

### Performance Highlights

**10 mm**

Max Amplitude

**2.6 T**

Impulse Force

**25 Hz**

Vibration Frequency

## Technical Specifications

### Technical Data Comparison

Model	Impulse (N)	Net Weight (kg)	Power (kW)	Speed (m/min)
TYZ400	24000	400	2.6	31
TYZ500	26000	500	3	31
TYZ600	26000	600	4	31
TYZ800	32000	900	4.5	31

## Operational Details

### Operational Capabilities

- Climbing Ability: 0-30°
- Suitable for factory, uptown, government, and road projects
- High vibratory force for effective compaction