



RW 1504

Comfortable control of the machine by infrared remote control from safe distance



RW 1504 – Universal compaction application

Rammax Trench roller RW 1504

The RW 1504 is the most powerful walk-behind trench roller of the RAMMAX range.

As a result of the various options the trench roller offers, the customer is in the position to receive a trench roller which has been individually composed to meet his needs.

This machine can be optionally delivered with manual steering or with different kinds of remote controls. That way the customer can always choose the trench roller which fits best to his demand.

- All Rammax trench rollers are equipped with two hydromechanical brakes, which prevent the machine from rolling away when the engine is shut down.

Clearly arranged cockpit

- Cockpit with an electric hours counter and function control, automatic ignition shutdown, automatic low-oil shut down and tilt switch to protect the diesel engine, protective cover plate for the work with IR remote control and anti-theft protection.

High performance

- Powerful Hatz diesel engine with improved injection system for enhanced performance in any situation.
- 86 kN compaction force through central vibration system.
- Planetary gear box in each drum for maximum power transmission and a long lifetime.

Safety

- Safe operation from outside dangerous areas on the remote controlled versions (-HF/ -HK/ -HFK).
- Obligatory intervisibility – no danger for man and machine.
- Low and far distance safety shut down (<1,5m / > 24m).

Functional reliability

- Solar infrared remote control. No need to charge at a battery charger. Permanent readiness for operation. The transmitter is charged by solar cells while working.
- HF system: Two independently operating steering systems (manual and IR remote controlled). Even if the transmitter is lost or damaged the trench roller can be operated through the manual levers.

Maintenance-free

- The machine (except the diesel engine) is fully maintenance-free. No lubrication points, no V-belts.
- No joints susceptible to abrasion.
- Central lifting hook attached to the main frame helps to reduce stress on the rubber-mounts during loading.



2 drum widths and profiles



Modern, clearly arranged cockpit



IR transmitter with solar panels



Central lifting hook

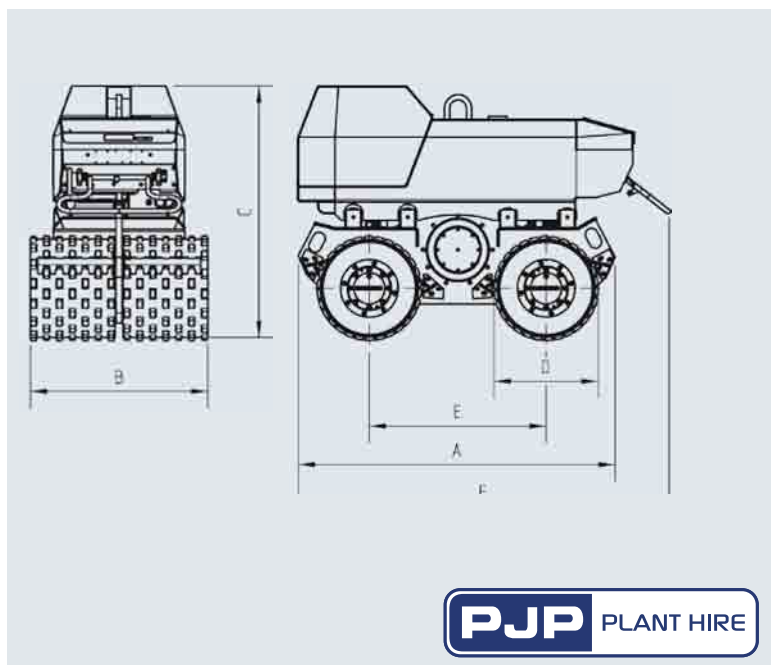
Technical data

			RW 1504				
Working width	mm		630/850				
Weight							
Operation weight	kg		1440/1480				
Static line load	kg/cm		11,4/8,7				
Dynamic line load	kg/cm		65/48				
Engine							
Manufacturer/type			Hatz 2 G 40				
Power	kW/HP		13,4/18,5				
At rpm			2600				
No. of cylinders			2				
Drive system			hydrostatic				
Vibration system							
Centrifugal force	kN		86				
Amplitude	mm		2,4				
Frequency	Hz		30				
Drive system			hydrostatic				
Filling capacities							
Fuel	l		22				
Hydraulic oil	l		60				
Driving qualities							
Working speed	m/min.		0-16				
Travel speed	m/min.		0-35				
Gradeability w / w/o vibration	%		45/55				
Dimensions	mm	A	B	C	D	E	F
RW 1504		1525	630/850	1220	500	850	1775

Changes are subject to technical improvements

Versions

RW 1504-HF manual and IR remote control





All advantages in one view:

Engine easy accessible

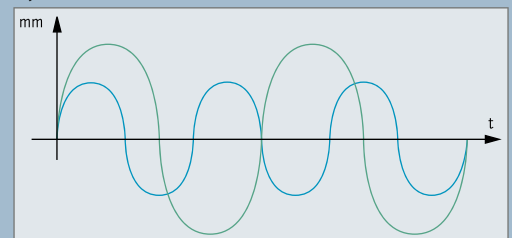
Control cover

Engine cover

Central lifting hook

Option -V: Variable frequency

By switching between two compaction settings the machine can be adapted to different soil types and layer thicknesses.



Frequency

Amplitude

Compaction force

cohesive soil

Mixed soil

30 Hz

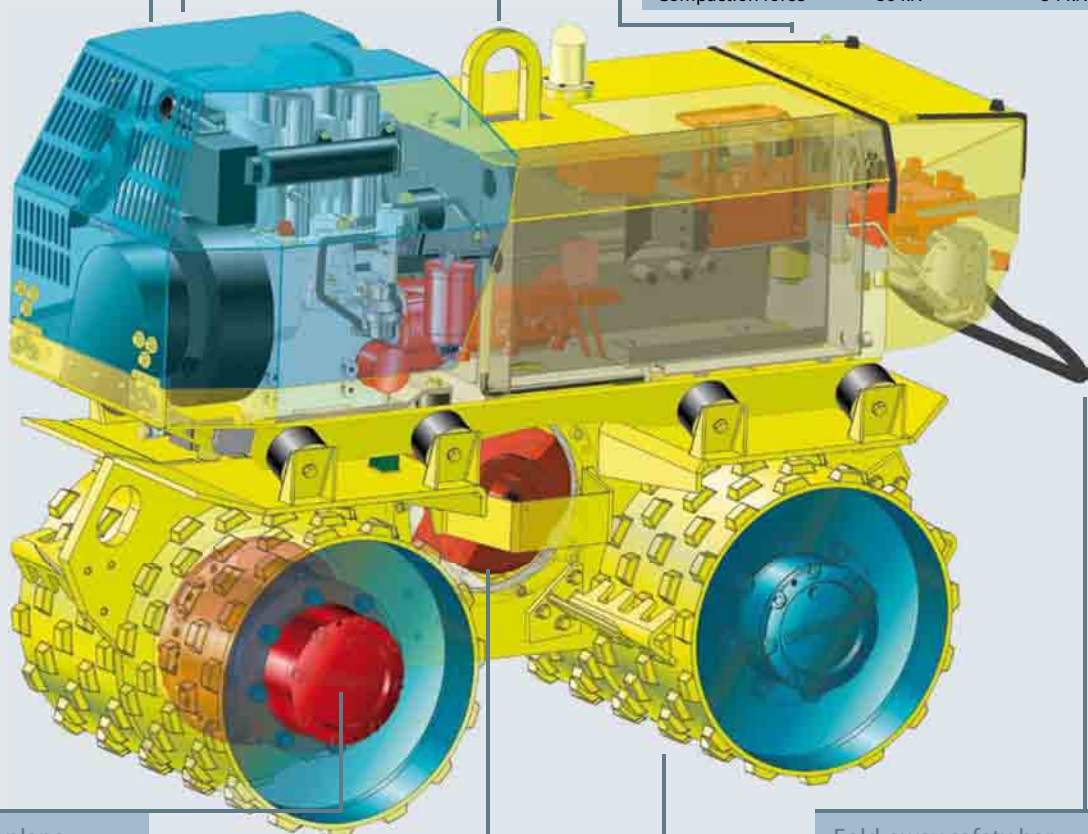
42 Hz

2,4 mm

1,4 mm

86 kN

54 kN



Drum drives with planetary gear box

Fold-away safety bar

Central exciter housing

Hydromechanical brakes