



Rammax 1575 – Flexible and powerful

New to the trench roller range is the Rammax 1575 with both articulation and oscillation. It sets new standards regarding noise emissions and most of all fuel consumption. With the oscillation function the machine adapts to the surface and therefore allows optimised compaction results and stable running.

Perfect traction and compaction

Four powerful hydraulic motors and two hydraulic steering cylinders guarantee dynamic drive performance and perfect mobility, even in small spaces.

The fully automatic engine control system reduces the rpm to idle during standstill. With the first operation the engine rises within a split second back to working speed. This substantially helps to reduce the Diesel consumption and noise emissions.

Articulation joint with oscillation

- Permanent ground contact of all four drums for perfect traction and compaction
- Maintenance free articulation joint
- Applicable on various materials and soils
- High stability against tipping over due to oscillation joint
- Optimised position of center of gravity, also during articulating



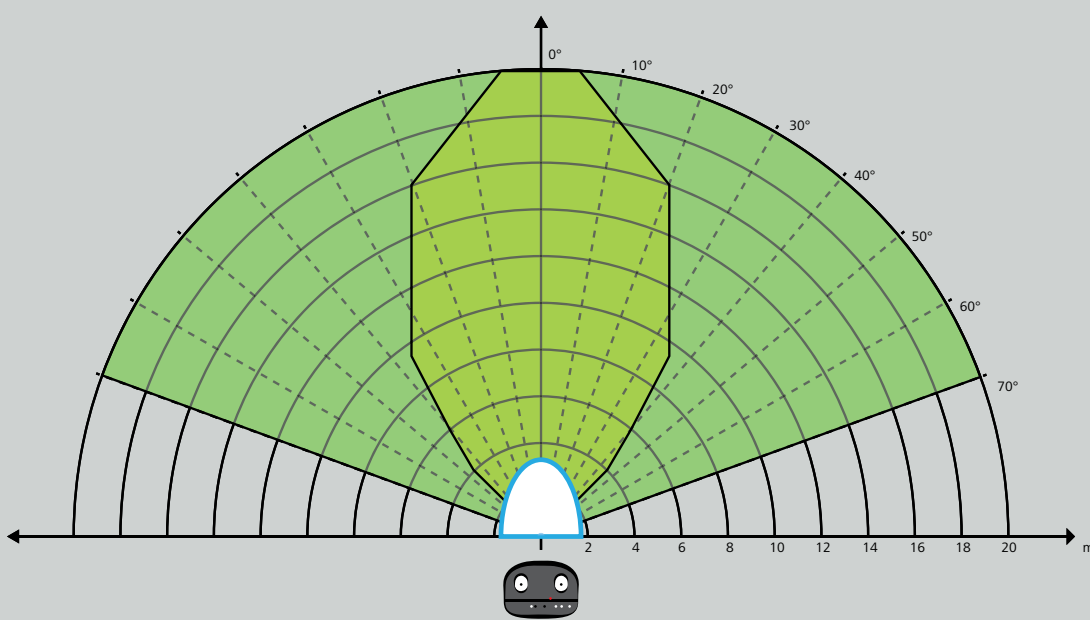
Lockable cockpit with clearly arranged control elements



Central lifting hook for easy and fast movement of the machine. Big tie-downs for securing the machine during transport



Maintenance-free articulation joint with oscillation for perfect ground contact



The wide working-field up to 20 m and angle of 70° assure a optimal comfort and safety

IR-Reception

- Perfect position of the IR receivers
- No dead spots – constant connection
- Hood shapes designed for smooth reception
- Dust and contact protected position
- Due to protection against interruption, also passes under structures such as trench boxes without stopping of the machine. The IR control system of the Rammax 1575 has been optimised for both operator comfort and functionality



Infrared remote control

- A high level of safety on the jobsite ,for man and machine, is ensured by the established infrared remote control. In comparison to a radio control system the visual contact to the machine is required. A considerable risk of injury or accidental damage can be completely avoided.
- Solar panels in the infrared remote control ensure a permanent readiness for operation. Only regular day light is required for the automatic charging system. Even work in complete darkness is possible due to the integrated battery, which is also charged by the solar panels. Downtimes due to the searching for and charging of the batteries on the mains can be completely avoided.
- The transmitter can be connected to any other 1575 and then only controls one specific unit. Due to this an unlimited number of machines can be used on one jobsite without interfering the individual signals (Rammax 1575).



Infrared remote control with solar panels – No charging on the mains. Automatic charging during work



Additional cable connection as standard



Optional safety bar with simple transport lock

RAMMAX 1575

Rammax 1575 – Advantages at a glance

Infrared System

- Perfectly positioned
- No dead angles

Solar system

- IR transmitter charges by solar panels
- No charging on the mains necessary

Access

- Simple serviceability due to wide opening hoods

Engine

Powerful, quiet and fuel efficient



Vibration

- Effective circular vibrator
- Low center of gravity

2 Steering cylinders

Powerful and fast articulation with full precision

Articulation joint with oscillation

- Maintenance free
- Perfect ground contact and compaction results
- Low tendency to tip over



Technical Data

Trench Roller		Rammax 1575		Rammax 1585	
Working width	mm	640	850	630	850
Weight					
Operation weight	kg	1400	1450	1410	1480
Static line load	kg/cm	11.2	8.7	11.2	8.8
Dynamic line load	kg/cm	60	44	68	51
Engine					
Motor / Typ		Yanmar		Hatz 2 G 40	
Power	kW/PS	15.1 / 20.4		13.4 / 18.5	
At rpm		2400		2600	
No of cylinders		3 / water cooling		2 / air cooling	
Drive system		hydrostatic		hydrostatic	
Vibration system					
Centrifugal force	kN	75 / 38		86	
Amplitude	mm	1.1 / 0.6		2.4	
Frequency	Hz	41		30	
Drive system		hydrostatic		hydrostatic	
Filling capacities					
Fuel	l	28		22	
Hydraulic oil	l	16		60	
Driving qualities					
Steering		knick - pendel / 7°		panzergesteuert	
Working speed	m/min	0-20		0-16	
Travel speed	m/min	0-45		0-35	
Gradeability w/w/o vibration	%	40 / 50		45 / 55	
Turning diameter	m	3.0	2.8	0	

Specifications are subject to changes due to technical improvements

