Husqvarna LP 9505

Husqvarna LP 9505 Radio-Controlled Trench Roller

Source: Manufacturer product page

Compaction

Drum width, inner / outer	**630 / 850 mm (25 / 33 in)**
Centrifugal force, low / high	**36 / 72 kN (8,093 / 16,186 lbf)**
Vibration frequency	**42 Hz (2,520 vpm)**
Amplitude, low / high	**0.55 / 1.1 mm (0.02 / 0.04 in)**
Operation speed	**24 m/min (79 ft/min)**
Transport speed	**48 m/min (157 ft/min)**

Engine and fluids

Engine	**Kubota D1105, 3-cylinder diesel**
Engine output, manufacturer-rated	**18 kW / 24.1 hp at 2,800 rpm**
Cooling	**Combined water / hydraulic-oil cooler and fan**
Fuel tank	**30 L (31.7 US qt)**
Hydraulic oil	**25 L (26.4 US qt)**

Dimensions and weight

Operating weight, EN500	**1,675 kg (3,693 lb)**
Net weight	**1,660 kg (3,660 lb)**
Product weight, current website definition	**1,680 kg, complete product excluding side-packed articles**
Length	**1,856 mm (73 in)**
Height without / with warning light	**1,330 / 1,369 mm (52 / 54 in)**
Drum diameter	**573 mm (23 in)**

Dimensions and weight

Drum axle spacing	**990 mm (39 in)**
Chassis width	**589 mm (23 in)**

Drive and control

Control	**Radio remote control**
Traction motor type	**Radial piston**
Traction relief pressure	**25 MPa (3,626 psi)**
Gradeability with / without vibration	**45% / 55%**
Maximum lateral tilt	**20 deg / 36%**