



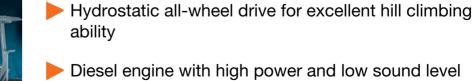


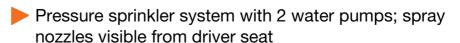
# **HD 090V**

HD O90V - Articulated tandem roller with vibratory and oscillating drum



- Ergonomic driver seat with 2 multifunction drive levers
- Driver seat including steering wheel and instrument panel can be swivelled and rotated
- Clear view of drum surface, its outer edge and working environment
- Can be used universally thanks to oscillations and vibrations







HD 090V - Articulated tandem roller with vibratory and oscillating drum



## HD 090V

## Weights

Operating weight with cab kg 9180
Operating weight, max. kg 11830
Axle load, front/rear kg 4585/4595
Static linear load, front/rear kg/cm 27,3/27,4
French classific., data/class 22,2/VT1

#### Machine dimensions

1780 Max. working width mm Lateral overhang, left/right 65/65 mm Ground clearance, left/right 790/790 mm Ground clearance, centre 330 mm Turning radius, inside mm 3961 Drum thickness, front/rear mm 17/17

## Diesel engine

 Manufacturer
 DEUTZ

 Type
 TCD 2012 L04 2V

 Number of cylinders
 4

 Power rat. ISO 14396, kW/PS/rpm
 100,0/136,0/2300

 Power rating SAE J1349, kW/HP/rpm
 100,0/134,0/2300

Emissions standard EU/USA III A / Tier 3
Fuel tank, capacity L 185

## Drive

Hydrostatic drive, front/rear Hydr. motor/hydr. motor Speed, working gear km/h 0-7,4

Speed, working gear km/h 0-14,8
Climbing ability, vibration on/off % 30/40

## Vibration system

Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear, Automatic frequency control with digital display. Oscillation or vibration, switched manually and automatically.

#### Vibration

Vibration frequency, front, I/II Hz 42/50
Amplitude, front, I/II mm 0,66/0,37
Centrifugal force, front, I/II kN 75/60

## Oscillation

Oscillation frequency, rear, I/II Hz 33/39
Tangential amplitude, rear, I/II mm 1,37/1,37
Oscillation force, rear, I/II kN 103/144

## Steering

Steering, type
Steering, actuation
Steering angle +/
39

Articulated steering hydrostatic, steering wheel

Oscillation angle +/- ° 10

## Sprinkler system

Water sprinkler, type Pressure
Actuation, sprinkling interval/manual

Water tank, capacity L 900

## Equipment

1 comfort seat, can be swivelled and rotated, 2 multifunction drive levers, Operating hours counter, Fuel level, Indicator lights and emergency stop switch, 2 spotlights, rear, Battery main switch, Triple oil filtering, Water level display, Hydraulic oil temperature display

## Optional equipment

ROPS panoramic cab, Dust-free ventilation, Sun visor, Interior lighting, ROPS/FOPS, Seat belt, Speedometer, HCQ asphalt compression meter, Sound insulation, Sunroof, Edge pressing and cutting equipment, Radio, Special colour, Sponge roller, Asphalt temperature display, Back-up alarm

| Total length         | L  | 4600      |  |
|----------------------|----|-----------|--|
| Width                | В  | 1810      |  |
| Total height         | Н  | 3040      |  |
| Wheel base           | Α  | 3400      |  |
| Roller drum width    | Х  | 1680/1680 |  |
| Drum diameter        | D  | 1200/1200 |  |
| Height loading, min. | HI | 2360      |  |

