





DV 90 TV / DV 90 TO

DV 90 TV - All-wheel-steered combi roller with vibratory drum

DV 90 TO - All-wheel-steered combination tandem roller with oscillation



- Seat automatically reverses in direction of travel
- Comfort seat, electrically adjustable and rotates more than 360°
- Spacious panoramic cabin providing good visibility and clear view of drums
- HI-DRIVE steering wheel or joystick steering, indicator display with graphics display
- Precise adjustment of water sprinkler system
- Double-sided large maintenance doors and engine lowering system





DV 90 TV

DV 90 TO

12500 4185/4550

1046,25

8735

27.1

2960

2590

11.00-20

DEUTZ

III / Tier 3

TCD 2012 L04 2V

74,9/101,9/2400

74,9/100,4/2400

kg 8885 kg 12500 kg 4185/4700 ka 1046.25

Load per tyre, front kg 1046 Static linear load, rear kg/cm 28,0

 Machine dimensions
 mm
 2960

 Max. working width
 mm
 2590

 Turning radius, inside
 mm
 2590

 Size of tyres, front
 11.00-20

Diesel engine Manufacturer

Weights
Operating weight

Maximum weight

Axle load, front/rear

 Manufacturer
 DEUTZ

 Type
 TCD 2012 L04 2V

 Number of cylinders
 4

 Power rat. ISO 14396, kW/HP/rpm
 74,9/101,9/2400

 Power rating SAE J1349, kW/HP/rpm
 74,9/100,4/2400

 Emission standard EU / USA
 III / Tier 3

Drive

Hydrostatic drive, front/rear Hydr. motor/hydr. motor Hydr. motor/hydr. motor Regulation, infinitely variable Hammtronic/manual Hammtronic/manual 0 - 7,0 0 - 12,0 0 - 7,0 0 - 12,0 Speed, working gear km/h Speed, transportation gear km/h Climbing ability, vibration on/off % 30/40 30/40

Vibration system

Hydrostatic drive, Oscillators or vibrators can be separately switched and controlled independently, front/rear

Vibration

Vibration frequency, rear, I/II Hz 42/55
Amplitude, rear, I/II mm 0,62/0,41
Centrifugal force, rear, I/II kN 84/94

Oscillation

Oscillation frequency, rearHz39Tangential amplitude, rearmm1,37Oscillation force, rearkN144

Steering

Steering, type All-wheel, analogue All-wheel, analogue Steering, actuation Joystick, hydrostatic Joystick, hydrostatic Steering angle +/Oscillation angle +/
° 25
Oscillation angle +/4
4
All-wheel, analogue Joystick, hydrostatic Joystick, hydrostatic 25
4
4

Brake system

Service brake, mode hydrostatic hydrostatic Service brake, actuation Drive lever Parking brake, mode Spring-loaded/mechanical Spring-loaded/mechanical Parking brake, actuation electr. a. autom. electr. a. autom. hydr./mech. Emergency brake, mode hydr./mech. Emergency stop Emergency brake, actuation Emergency stop

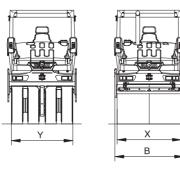
Sprinkler system

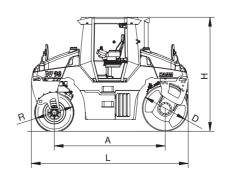
Water sprinkler, type Pressure Pressure Control system, infinitely variable Hammtronic/manual Hammtronic/manual Water tank, capacity 825 825 Additive sprinkling, type Pressure Pressure Push button Actuation, additive sprinkling Push button Additive tank, capacity 25 25

Equipment

Spacious panoramic cab (ROPS/FOPS) providing clear visibility, Spring-mounted driver seat, Automatic frequency control with digital display, Cab can be moved laterally to both sides, Comfort seat, electrically adjustable and rotates more than 360°, HI-DRIVE joystick steering, i-dot, indicator display with graphics display, Hammtronic electronic machine management, Graphics display and indicator display, Emergency stop switch, Sunblind, Front and rear windscreen wiper, Lighting per German Road Traffic Regulations, Spotlights, front/rear, 4 working mirrors, Battery main switch, CE conformity

Total length	L	4100	4100
Width	В	1820	1820
Total height	H	2980	2980
Wheel base	Α	2900	2900
Roller drum width	X	1680	1680
Drum diameter	D	1200	1200
Width over tyres	Y	1620	1620
Diameter of tyres	R	1030	1030





DV 90 TV / DV 90 TO # 2042488 ENGB01 - Further data on request / subject to change