





DV 85 TV / DV 85 TO

DV 85 TV - All-wheel-steered combi roller with vibratory drum

DV 85 TO - All-wheel-steered combination tandem roller with oscillation



- Spacious panoramic cabin providing good visibility and clear view of drums
- Steering wheel, indicator display with graphics display
- Oscillation and vibration can be selected separately; adjustable for front and rear drums
- Precise adjustment of water sprinkler system
- Double-sided large maintenance doors and engine lowering system





DV 85 TV

DV 85 TO

12500 4185/4550

1046,25

DEUTZ

8735

27.1

kg 8885 kg 12500 kg 4185/4700 kg 1046,25 kg/cm 28,0

Static linear load, rear

Machine dimensions

 Max. working width
 mm
 2960
 2960

 Turning radius, inside
 mm
 2590
 2590

 Size of tyres, front
 11.00-20
 11.00-20

Diesel engine Manufacturer

Weights

Operating weight

Maximum weight

Axle load, front/rear

Load per tyre, front

 Type
 TCD 2012 L04 2V
 TCD 2012 L04 2V

 Number of cylinders
 4
 4

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

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

 Emission standard EU / USA
 III / Tier 3
 III / Tier 3

Driv

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

DEUTZ

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
Steering, actuation
Steering angle +/Oscillation angle +/
*

All-wheel, analogue
Steering wheel, hydrostatic
Steering wheel, hydrostatic
25
25
4

Brake system

Service brake, mode hydrostatic hydrostatic Drive lever Service brake, actuation 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

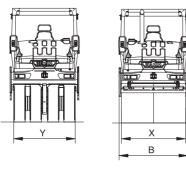
Equipment

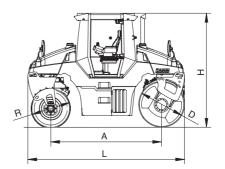
Spacious panoramic cab (ROPS/FOPS) providing clear visibility, Spring-mounted driver seat, Automatic frequency control with digital display, Comfort seat can be rotated +/- 60°, Hammtronic electronic machine management, Graphics display and indicator display, Emergency stop switch, Sunblind, Front and rear windscreen wiper, Lighting per German Road Traffic Regulations, Spotlights, front/rear, 4 working mirrors, Battery main switch, CE conformity

Optional equipment

Edge pressing and cutting equipment, Radio, HCQ asphalt compression meter, Grit spreader, Drum lighting, Sound insulation

Total length	L	4100	4100
Width	В	1820	1820
Total height	Н	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 85 TV / DV 85 TO # 2116560 ENGB01 - Further data on request / subject to change