Tandem rollers Series HD

H181
Tandem roller with two vibrating roller drums

HIGHLIGHTS

> Excellent view of the machine and the construction site
> Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
> 3-point articulation for even weight distribution and excellent on-centre feel
> Track offset for comfortable start up, moving away and compacting at curb edges
> Simple, intuitive and language-neutral operation
### TECHNICAL DATA HD 90 (H181)

#### Weights
- Operating weight with cab: 9190 kg
- Operating weight with ROPS: 8925 kg
- Operating weight, max.: 11840 kg
- Static linear load, front/rear: 27,6/27,1 kg/cm
- French classification, data/class: 22,4/VT1

#### Machine dimensions
- Total length: 4600 mm
- Total height with cab: 3040 mm
- Height loading, min.: 2360 mm
- Wheel base: 3400 mm
- Total width with cab: 1810 mm
- Max. working width: 1780 mm
- Kerb clearance, left/right: 790/790 mm
- Turning radius, inside: 3961 mm

#### Drum dimensions
- Drum width, front/rear: 1680/1680 mm
- Drum diameter, front/rear: 1200/1200 mm
- Drum thickness, front/rear: 17/17 mm
- Drum type, front: Smooth/non-split
- Drum type, rear: Smooth/non-split
- Track offset, left/right: 100 mm

#### Diesel engine
- Manufacturer: DEUTZ
- Version: 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
- Emission standard: EU Stage IIIA / EPA Tier 3

#### Drive
- Speed, working gear: 0-7,4 km/h
- Speed, transportation gear: 0-14,8 km/h
- Climbing ability, vibration on/off: 30/40%

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

#### Steering
- Oscillation angle +/-: 10°
- Steering, type: Articulated steering

#### Sprinkler system
- Water sprinkler, type: Pressure

#### Tank capacity/Fill capacity
- Fuel tank, capacity: 185 L
- Water tank, capacity: 700 L

#### Sound level
- Sound power level L(WA), guaranteed: db(A) 107
- Acoustic power LW(A), measured: db(A) 105

#### EQUIPMENT
- 2 drive levers
- Amplitude switchable: large/small
- Handrails
- Lighting package as per road traffic regulations
- Operator’s platform with entry from both sides
- Seat-operating unit, rotatable
- Seat-operating unit, rotatable, with armrests and safety belt
- Vibration front and rear, switchable single and doubled

#### OPTIONAL EQUIPMENT
- Air conditioning
- Tachograph
- Fire-extinguisher
- Protective roof
- Edge pressing and cutting equipment
- Frequency regulation
- HCQ compaction meter
- Speedometer
- Back-up alarm (reversing)
- Telematics interface
- Automatic vibration system
- Working lights
- Rotating beacon
- Locking device
- Tool kit