

Technical data

HD O128V



Tandem rollers Series HD

Tandem roller with vibrating roller drum and oscillation drum

H240

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > Compaction with oscillation
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Excellent view of machine and construction site
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat

TECHNICAL DATA HD O128V (H240)

Weights

| | | |
|--------------------------------|-----------------|--------------------------|
| Operating weight with cab | kg lbs | 12250 27,011 |
| Operating weight, max. | kg lbs | 13470 29,701 |
| Static linear load, front/rear | kg/cm lbs/in | 31,2/30,7 174.7/171.9 |
| French classific., data/class | | 29,4/VT2 |

Machine dimensions

| | | |
|----------------------------|----------|----------------------|
| Total length | mm in | 5010 197.2 |
| Total height with cab | mm in | 3220 126.8 |
| Height, loading, min. | mm in | 2840 111.8 |
| Wheelbase | mm in | 3610 142.1 |
| Total width with cab | mm in | 2090 82.3 |
| Max. working width | mm in | 2080 81.9 |
| Curb clearance, left/right | mm in | 890/890 35.0/35.0 |
| Turning radius, inside | mm in | 5310 209.1 |

Drum dimensions

| | | |
|----------------------------|----------|------------------------|
| Drum width, front/rear | mm in | 1980/1980 78.0/78.0 |
| Drum diameter, front/rear | mm in | 1400/1400 55.1/55.1 |
| Drum thickness, front/rear | mm in | 19/20 0.7/0.8 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |
| Track offset, left/right | mm in | 100 3.9 |

Diesel engine

| | | |
|-----------------------------------|--|------------------|
| Manufacturer | | DEUTZ |
| Type | | TCD 1212 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 | | MEE III |
| Exhaust gas after-treatment | | - |

Drive

| | | |
|------------------------------------|-------------|-------------------|
| Speed, working gear | km/h mph | 0-6,2 0.0-3.9 |
| Speed, transportation gear | km/h mph | 0-12,0 0.0-7.5 |
| Climbing ability, vibration on/off | % | 30/35 |

Vibration

| | | |
|----------------------------------|-----------|--------------------------|
| Vibration frequency, front, I/II | Hz vpm | 42/50 2,520/3,000 |
| Amplitude, front, I/II | mm in | 0,89/0,47 .035/.019 |
| Centrifugal force, front, I/II | kN lbs | 186/139 41,850/31,275 |

Oscillation

| | | |
|-----------------------------------|-----------|--------------------------|
| Oscillation force, rear, I/II | kN lbs | 170/231 38,250/51,975 |
| Oscillation frequency, rear, I/II | Hz vpm | 36/42 2,160/2,520 |
| Tangential amplitude, rear, I/II | mm in | 1,20/1,20 .047/.047 |

Steering

| | | |
|-----------------------|---|----------------------|
| Oscillation angle +/- | ° | 9 |
| Steering, type | | Articulated steering |

Sprinkler system

| | | |
|-----------------------|--|----------|
| Water sprinkler, type | | Pressure |
|-----------------------|--|----------|

Tank capacity/Fill capacity

| | | |
|----------------------|----------|--------------|
| Fuel tank, capacity | L Gal | 185 48.9 |
| Water tank, capacity | L Gal | 900 237.8 |

Sound level

| | | |
|-------------------------------------|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 108 |
| Acoustic power LW(A), measured | db(A) | 106 |

EQUIPMENT

Handrails | Operator's platform with entry from both sides | 2 drive levers | Seat-operating unit, rotatable, with armrests and safety belt | Amplitude switchable: large/small | Vibration front and rear, switchable single and doubled | Lighting package as per road traffic regulations | Battery isolation switch | Water level display | Rotating seat adapter | Safety belt with belt retractor | Handrail at operator's platform

OPTIONAL EQUIPMENT

Cabin | Heating and air conditioning | HAMM Compaction Meter (HCM) | Speedometer | Engine rpm counter | HAMM Temperature Meter (HTM) | Telematics interface | Automatic vibration system | Working light | Rotating beacon