

DV+ 70i VS-OS

Tandem roller with vibrating roller drum and oscillation drum

Tandem rollers Series DV+ / Series H277

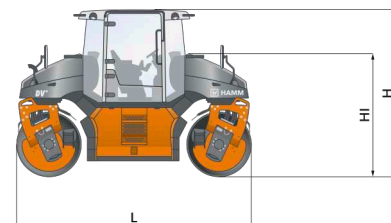


HIGHLIGHTS DV+












- > Operating concept Easy Drive
- > Large-space panorama cabin with free-view concept and free view of the drums and construction site
- > High compaction performance due to optimal setting of the compaction parameters
- > Intelligent water sprinkler system
- > Compaction with oscillation

Machine dimensions

| | | |
|----------------------------|---------|-----------------------|
| Total length (L) | mm • in | 4140 • 163.0 |
| Width (B) | mm • in | 1603 • 63.1 |
| Total height (H) | mm • in | 2960 • 116.5 |
| Drum width (X) | mm • in | 1500/1500 • 59.1/59.1 |
| Height, loading, min. (HI) | mm • in | 2170 • 85.4 |



EU Stage V /
EPA Tier 4

| TECHNICAL DATA | | Unit | DV+ 70i VS-OS |
|--|------------------------------------|-------------------------|---------------|
|  | Weights | | |
| Operating weight with cab | kg • lbs | 8315 • 18,335 | |
| Operating weight, max. | kg • lbs | 10930 • 24,101 | |
| Static linear load, front/rear | kg/cm • lbs/in | 26,2/29,0 • 146.7/162.4 | |
| French classific., data/class | | 20,7/VT1 | |
|  | Machine dimensions | | |
| Total length | mm • in | 4140 • 163.0 | |
| Total height with cab | mm • in | 2960 • 116.5 | |
| Height, loading, min. | mm • in | 2170 • 85.4 | |
| Wheelbase | mm • in | 3000 • 118.1 | |
| Total width with cab | mm • in | 1680 • 66.1 | |
| Max. working width | mm • in | 2770 • 109.1 | |
| Curb clearance, left/right | mm • in | 610/610 • 24.0/24.0 | |
| Turning radius, inside | mm • in | 2800 • 110.2 | |
|  | Drum dimensions | | |
| Drum width, front/rear | mm • in | 1500/1500 • 59.1/59.1 | |
| Drum diameter, front/rear | mm • in | 1140/1140 • 44.9/44.9 | |
| Drum thickness, front/rear | mm • in | 17/20 • 0.7/0.8 | |
| Drum type, front | | Smooth/split | |
| Drum type, rear | | Smooth/split | |
| Track offset, left/right | mm • in | 1270 • 50.0 | |
|  | Diesel engine | | |
| Manufacturer | | KUBOTA | |
| Type | | V3307-CR-T | |
| Number of cylinders | | 4 | |
| Power rat. ISO 14396, kW/PS/rpm | | 55,4/75,3/2200 | |
| Power rating SAE J1349, kW/HP/rpm | | 55,4/74,2/2200 | |
| Emission standard | | EU Stage V / EPA Tier 4 | |
| Exhaust gas after-treatment | | DOC-DPF | |
|  | Drive | | |
| Speed, infinitely variable | km/h • mph | 0 - 11,0 • 0.0 - 6.8 | |
| Regulation, infinitely variable | | Hammtronic | |
| Climbing ability, vibration on/off | % | 35/40 | |
|  | Vibration | | |
| Vibration frequency, front, I/II | Hz • vpm | 42/50 • 2,520/3,000 | |
| Amplitude, front, I/II | mm • in | 0,61/0,42 • .024/.017 | |
| Centrifugal force, front, I/II | kN • lbs | 68/67 • 15,300/15,075 | |
|  | Oscillation | | |
| Oscillation force, rear | kN • lbs | 113 • 25,425 | |
| Oscillation frequency, rear | Hz • vpm | 36 • 2,160 | |
| Tangential amplitude, rear | mm • in | 1,20 • .047 | |
|  | Steering | | |
| Oscillation angle +/- | ° | 4 | |
| Steering, type | | All-wheel, analog | |
|  | Sprinkler system | | |
| Water sprinkler, type | | Pressure | |
|  | Tank capacity/Fill capacity | | |
| Fuel tank, capacity | L • Gal | 148 • 39.1 | |
| Water tank, capacity | L • Gal | 740 • 195.5 | |
|  | Sound level | | |
| Acoustic power LW(A), sticker | db(A) | 104 | |
| Acoustic power LW(A), measured | db(A) | 102 | |

EQUIPMENT

12 V outlets (double), 2 large working and rear view mirrors, Foldable scraper, Operating concept Easy Drive, Pressurized refilling of water tanks from below, Pressure water sprinkling with interval switch, ECO mode, Operator's platform with entry from both sides, Frequency control, Speed-controlled water sprinkling system, Speed preselect, Cabin floor window, front and rear, Vibration-isolated operator's platform, Track offset, hydraulic, Automatic vibration system, Spray system with spray bar front and rear, Water filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain, CE conformity, ROPS with protective roof, metal, Mechanical adjustment of the seat operating unit, Working light

OPTIONAL EQUIPMENT

Heating and air conditioning, Multifunction armrest, right, foldable, Electrical adjustment of the seat operating unit, Safety belt monitoring device, Radio, HCC navigator, Fire extinguisher, Edge pressing and cutting equipment, Chip spreader, Anti-freeze injection, Central grease point, Bypass filter system, HAMM Compaction Meter (HCM), Automatic engine-off function, HAMM Temperature Meter (HTM), Telematics interface, Rotating beacon, Mobile cooling box, Coming home lighting, Battery isolation switch, Water tank cover, lockable, Lamp protection, Additional mirror, Drum edge lighting, Drum lighting, Camera system

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