

Technical data

# HX 70i VT-S



## Tandem rollers Series HX

Tandem roller with vibrating roller drum and set of wheels

H297

### HIGHLIGHTS

- > High compaction quality through optimum setting of the compaction parameters
- > Intelligent water sprinkler system
- > Operating concept Easy Drive
- > Innovative cabin concept for optimal visibility and high comfort
- > Digital ready

## TECHNICAL DATA HX 70i VT-S (H297)

## Weights

|  |       |           |
|--|-------|-----------|
| Operating weight with cab                      | kg    | 7750      |
| Empty weight without cab, without ROPS         | kg    | 6725      |
| Max. operating weight                          | kg    | 10340     |
| Axle load, front/rear                          | kg    | 3990/3760 |
| Axle load at max. operating weight, front/rear | kg    | 3560/6780 |
| Static linear load, front                      | kg/cm | 26,60     |
| French classification, value/class             |       | 20,8/VX1  |
| Wheel load per tyre, rear                      | kg    | 940       |

## Machine dimensions

|                            |    |         |
|----------------------------|----|---------|
| Total length               | mm | 4177    |
| Total height with cab      | mm | 2960    |
| Height loading, min.       | mm | 2170    |
| Centre distance            | mm | 3000    |
| Total width with cab       | mm | 1680    |
| Maximum working width      | mm | 2770    |
| Ground clearance, centre   | mm | 280     |
| Kerb clearance, left/right | mm | 610/610 |
| Turning radius, inside     | mm | 2800    |

## Drum dimensions

|                          |    |              |
|--------------------------|----|--------------|
| Drum width, front        | mm | 1500         |
| Drum diameter, front     | mm | 1140         |
| Drum thickness, front    | mm | 17           |
| Drum type, front         |    | Smooth/split |
| Track offset, left/right | mm | 1270         |

## Tyre dimensions

|                        |    |          |
|------------------------|----|----------|
| Tyre size, rear        |    | 11.00-20 |
| Width over tyres, rear | mm | 1490     |
| Number of tyres, rear  |    | 4        |

## Diesel engine

|                             |  |                         |
|-----------------------------|--|-------------------------|
| Manufacturer                |  | KUBOTA                  |
| Model                       |  | V3307-CR-TE5AB          |
| Cylinders, quantity         |  | 4                       |
| Power ISO 14396, kW/PS/rpm  |  | 54,6/74,3/2200          |
| Power SAE J1349, kW/HP/rpm  |  | 55,4/74,2/2200          |
| Exhaust emission standard   |  | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment |  | DOC-DPF                 |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, infinitely variable           | km/h | 0-11,1     |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 39/43      |

## Vibration

|  |    |             |
|--|----|-------------|
| Vibration frequency, front, level I/II | Hz | 42/50       |
| Amplitude, front, level I/II           | mm | 0,58/0,40   |
| Centrifugal force, front, level I/II   | kN | 63,23/62,57 |

## Steering

|                    |   |   |
|--------------------|---|---|
| Pendulum angle +/- | ° | 4 |
|--------------------|---|---|

## Steering

|                |  |                     |
|----------------|--|---------------------|
| Steering, type |  | All-wheel, analogue |
|----------------|--|---------------------|

## Water-sprinkling system

|                        |  |          |
|------------------------|--|----------|
| Water sprinkling, type |  | Pressure |
|------------------------|--|----------|

## Tank capacity/filling capacity

|                         |   |     |
|-------------------------|---|-----|
| Fuel tank, capacity     | L | 148 |
| Water tank, capacity    | L | 740 |
| Additive tank, capacity | L | 30  |

## Sound level

|   |       |     |
|---|-------|-----|
| Sound power level L(WA), guaranteed                 | db(A) | 104 |
| Sound power level L(WA), representative measurement | db(A) | 103 |

## EQUIPMENT

Scrapers foldable | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Frequency control | Speed preselect | Track offset, hydraulic | Automatic vibration system | Water filter system (3-fold) | Central water outlet | Camera system, front and rear | Working spotlights

## OPTIONAL EQUIPMENT

ROPS cab with split doors | Heating and air-conditioning system | Tachograph | Bluetooth interface for Smart Doc | Smart Compact | Weather station | Edge pressing and cutting equipment | Chip spreader | Thermal aprons | HAMM Compaction Meter (HCM) | Speedometer | Automatic engine stop | HAMM Temperature Meter (HTM) | Back-up alarm | JDLINK | Drum edge lighting | Drum lighting | Coming Home function