

Technical data

HD 18 VV



Tandem rollers Series HD CompactLine
Tandem roller with two vibrating roller drums

H292

HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > Clear Side — one-sided drum suspension
- > Easy transport, simple loading
- > Compact dimensions
- > Excellent view of the drum edges, the machine and the construction site surroundings

TECHNICAL DATA HD 18 VV (H292)

Weights

| | | |
|--|-------|----------|
| Operating weight with ROPS | kg | 1590 |
| Empty weight without cab, without ROPS | kg | 1420 |
| Max. operating weight | kg | 1880 |
| Axle load, front/rear | kg | 765/825 |
| Static linear load, front/rear | kg/cm | 9,6/10,3 |
| French classification, value/class | | 10,3/PV3 |

Machine dimensions

| | | |
|--------------------------|----|------|
| Total length | mm | 2295 |
| Total height with ROPS | mm | 2210 |
| Height loading, min. | mm | 1580 |
| Centre distance | mm | 1560 |
| Total width | mm | 938 |
| Maximum working width | mm | 872 |
| Ground clearance, centre | mm | 230 |
| Turning radius, inside | mm | 2230 |

Drum dimensions

| | | |
|----------------------------|----|------------------|
| Drum width, front/rear | mm | 800/800 |
| Drum diameter, front/rear | mm | 620/620 |
| Drum thickness, front/rear | mm | 12/12 |
| Drum type, front | | Smooth/non-split |
| Drum type, rear | | Smooth/non-split |

Diesel engine

| | | |
|-----------------------------|--|-------------------------|
| Manufacturer | | KUBOTA |
| Model | | D1105-E4B |
| Cylinders, quantity | | 3 |
| Power ISO 14396, kW/PS/rpm | | 16,1/21,9/2600 |
| Power SAE J1349, kW/HP/rpm | | 16,1/21,6/2600 |
| Exhaust emission standard | | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment | | - |

Travel drive

| | | |
|--------------------------------------|------|----------|
| Speed, infinitely variable | km/h | 0 - 11,0 |
| Gradeability, with/without vibration | % | 30/40 |

Vibration

| | | |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 61/48 |
| Vibration frequency, rear, level I/II | Hz | 61/48 |
| Amplitude, front, level I/II | mm | 0,43/0,43 |
| Amplitude, rear, level I/II | mm | 0,43/0,43 |
| Centrifugal force, front, level I/II | kN | 17/11 |
| Centrifugal force, rear, level I/II | kN | 17/11 |

Steering

| | | |
|--------------------|---|----------------------|
| Pendulum angle +/- | ° | 8 |
| Steering, type | | Articulated steering |

Water-sprinkling system

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

Tank capacity/filling capacity

| | | |
|----------------------|---|----|
| Fuel tank, capacity | L | 33 |
| Water tank, capacity | L | 70 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 105 |
| Sound power level L(WA), representative measurement | db(A) | 101 |

EQUIPMENT

12 V power socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Clear Side | Pressure water sprinkling system | Driver's platform with access from both sides | V-belt protection | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Plastic scraper, folding | Driver's seat in black imitation leather | Technical documentation

OPTIONAL EQUIPMENT

Protective roof | Back-up alarm | Working spotlights | Rotating beacon | Tool kit