

Principal specification : Mitsubishi Small Conventional Type Combine Harvester VCH750

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| Model name | | VCH750XS | |
| Size | Overall length (mm) | 5520 | |
| | Overall width (mm) | 2150 | |
| | Overall height (mm) | 2700 | |
| Weight (kg) | | 3860 | |
| Engine | Model name | | V3307-CR-TE4B |
| | Type | | Diesel engine with turbo-charger, Vertical type Water-cooled 4 Cycle with Common rail system |
| | Total displacement (L) | | 3.331 |
| | Output / Speed (kW {PS} /rpm) | | 55.4 {75.3} /2600 |
| | Type of fuel | | Diesel fuel |
| | Fuel tank capacity (L) | | 60 |
| | Starting method | | Starter motor type |
| Battery (V·Ah) | | 12·60 | |
| Traveling unit | Crawler | Width x Ground contact (mm) | 450×1670 |
| | | Track gauge - interval bet. roller (mm) | 1080 |
| | | Ave. ground contact pressure (kPa {kgf/cm ² }) | 25.5{0.26} |
| | | Transmission type | Hydraulic motor type (HST) |
| | Number of speeds (Step) | | Forward & Reverse : Continuous variable - Stepless × Sub speed 2 steps |
| | Traveling speed (m/s) | Forward | Standard : 0~1.60, Traveling : 0~2.60 |
| | | Reverse | Standard : 0~1.60, Traveling : 0~2.60 |
| Turning method | | Full mode turn | |
| Reaping unit | Pick-up method | | Reel |
| | Width between divider tips (mm) | | 1700 |
| | Effective reaping width (mm) | | 1590 |
| | Number of speed (step) | | 1 |
| | Reaping height adjustable range (mm) | | -25~830 |
| | Reel | Turning diameter × Width (mm) | 1000×1450 |
| | | Speed (rpm) | Stepless speed change by belt |
| Up down adjustment method | | Hydraulic type | |
| Turning speed (rpm) | | 23~33 (Synchronizing with machine traveling speed) | |
| Threshing & selecting unit | Model | | Axial flow type (Screw rotor) |
| | Rotor | Q'ty (pc) | 1 |
| | | Diameter × Length (mm) | Drum diameter : 600×1700 |
| | | Turning speed (rpm) | 710 (Rice/Wheat) · 310 (Soybean/Buckwheat) |
| | Number of dust sending valve | | 6 |
| | Concave | Area (m ²) | 1.52 |
| | | Hole diameter (mm) | 18.25 (Crimp net) |
| | Area of chaff sieve (m ²) | | 0.76 |
| | Area of grain sieve (m ²) | | 0.28 |
| | Rocking plate Width x Length (mm) | | 700×1370 |
| #2 reduction method | | Slat conveyer + Spiral | |
| Grain lifting method | | Bucket conveyer + Spiral | |
| Gross sorting unit area (m ²) | | 1.04 | |
| Grain process unit | Grain process method | | Grain tank, Discharging by auger |
| | Grain tank capacity (L) | | 1300 |
| | Auger length (mm) | | 4100 |
| | Discharging height (mm) | | 1850~4770 |
| Straw discharging device | | Chopper spreader | |
| Other devices | Warning device · Automatic device | | Reaping height position control, Chassis level control, Quick-up · Quick-set, |
| | Other device | | Cleaning reverse fan, Swing plate, Auger flap |
| Harvesting efficiency (Calculated value) (min./10a) | | 15~49 (Rice), 0~49 (Wheat) | |
| Applicable crop | | Rice · Wheat (Soybean · Buckwheat · Rapeseed) | |
| Approved model number | | | |
| Safety Judgement Standard approved number | | 37029 | |
| Required driver's license | | License for large-sized special motor vehicles | |