

## New 30t HYDRAULIC EXCAVATOR

**HD1430-7**

## For The Global Market

KATO WORKS CO., LTD. launches the conventional excavator HD1430-7 for the global market. It is mounted with an environment-friendly EU StageIV/EPA Tier4 Final compliant engine.

The productivity and user-friendliness have also been enhanced with a new design and features.

**Environmentally friendly EPA Tier 4 Final/EU StageIV compliant engine**

|                     |   |
|---------------------|---|
| Model               | HD1430-7  |
| Engine              | Daimler OM936LA (MTU 6R1000)  |
|                     | 4-cycle water cooled, overhead valve direct injection, intercooler turbocharged |
| Number of cylinders | 6 cylinders 110mm x 135mm (4.38" x 4.1")  |
| Total displacement  | 7.7L (183in <sup>3</sup> )  |
| Rated output        | 205kW/1,950min <sup>-1</sup> (102.5hp/2,000rpm)                                 |
| Max. Torque         | 1,150N·m/1,200min <sup>-1</sup> (270lb·ft/1,800rpm)                             |

**Productivity**

- The new Control Valve provides smooth operation.
- The diameter of the hydraulic piping has been increased which realizes high productive operation.
- The cycle time has been improved by 33% (compared with the HD1430V).

**Maintenance**

- An easily accessible cab maintenance space and a wide range main maintenance space are available.
- The battery disconnect switch is available as a standard feature and provides safe electric maintenance.

**Safety**

- The new ROPS cabin further enhances safety and provides a wider view.
- With a new air-conditioner and cab structure, the cab pressurization and protection from dust are realized.
- The polycarbonate provided to the door, protects the operator from various objects such as scattering stone.
- A new engine start mechanism allows the engine to start, only when the safety lever is applied to lock position.
- The ISO compliant handrail is provided and enables the operator to access the upper structure safer.
- The standard Rear View Camera and optional Side View Camera secure a wide range view.

**Comfortable and User-friendly**

- The air volume is increased by 26% compared to the previous model.
- A new operation lever decreases operation burden by 25% with a new round shape grip.
- With a wide color display and touch screen control, a new APC has been provided. Various information is available on the screen and also provides different types of functions e.g. enabling the operator to operate the air-conditioner via APC screen.



For further details, please contact;

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